

Contents

LTS vs. Standard Releases	5
LTS (Long-Term Support) Version	5
Standard Version	5
Upgrade Approaches	5
LTS Release Notes	6
Version 16	6
Version 16.0.15(released on 2026-02-26).....	6
Version 16.0.14(released on 2026-02-18).....	9
Version 16.0.13(released on 2026-02-12).....	10
Version 16.0.12(released on 2026-02-05).....	13
Version 16.0.11(released on 2026-01-30).....	14
Version 16.0.10(released on 2026-01-29).....	14
Version 15	15
Version 15.5.37(released on 2026-03-05).....	15
Version 15.5.35(released on 2026-02-12).....	15
Version 15.5.34(released on 2026-02-05).....	16
Version 15.5.33(released on 2026-01-29).....	16
Version 15.5.32(released on 2026-01-22).....	17
Version 15.5.31(released on 2026-01-15).....	18
Version 15.5.30(released on 2026-01-08).....	19
Version 15.5.29(released on 2026-01-01).....	20
Version 15.5.28(released on 2025-12-18).....	20
Version 15.5.27(released on 2025-12-11).....	21
Version 15.5.26(released on 2025-12-06).....	22
Version 15.5.25(released on 2025-12-04).....	23
Version 15.5.24(released on 2025-11-26).....	24
Version 15.5.23(released on 2025-11-20).....	25
Version 15.5.22(released on 2025-11-13).....	26

Version 15.5.21(released on 2025-11-06)	27
Version 15.5.20(released on 2025-10-29)	29
Version 15.0.40(released on 2025-10-29)	30
Version 15.5.19(released on 2025-10-22)	30
Version 15.5.18(released on 2025-10-09)	32
Version 15.5.17(released on 2025-10-02)	32
Version 15.5.16(released on 2025-10-02)	32
Version 15.5.15(released on 2025-09-25)	35
Version 15.0.39(released on 2025-09-25)	37
Version 15.5.14(released on 2025-09-11)	37
Version 15.5.13(released on 2025-09-04)	38
Version 15.5.12(released on 2025-08-28)	40
Version 15.5.11(released on 2025-08-22)	41
Version 15.5.10(released on 2025-08-21)	41
Version 15.5.9(released on 2025-08-14)	42
Version 15.0.38(released on 2025-08-14)	45
Version 15.0.37(released on 2025-08-02)	45
Version 15.5.8(released on 2025-08-01)	45
Version 15.5.7(released on 2025-07-31)	46
Version 15.0.36(released on 2025-07-31)	46
Version 15.0.35(released on 2025-07-24)	47
Version 15.0.34(released on 2025-07-17)	49
Version 15.0.33(released on 2025-07-14)	49
Version 15.0.32(released on 2025-07-13)	49
Version 15.0.31(released on 2025-07-10)	50
Version 15.0.30(released on 2025-07-03)	51
Version 15.0.29(released on 2025-06-26)	52
Version 15.0.28(released on 2025-06-19)	53
Version 15.0.27(released on 2025-06-12)	56

Version 15.0.26(released on 2025-05-29).....	57
Standard Release Notes	59
Version 16	59
Version 16.1.0(released on 2026-02-05).....	59
Version 16.0.9(released on 2026-01-29).....	60
Version 16.0.8(released on 2026-01-22).....	62
Version 16.0.7(released on 2026-01-15).....	65
Version 16.0.6(released on 2026-01-08).....	67
Version 16.0.5(released on 2026-01-01).....	68
Version 16.0.4(released on 2025-12-18)	70
Version 16.0.3(released on 2025-12-12)	71
Version 16.0.2(released on 2025-12-11)	71
Version 16.0.1(released on 2025-12-06).....	72
Version 16.0.0(released on 2025-12-04).....	73
Version 15	77
Version 15.9.3(released on 2025-11-26).....	77
Version 15.9.2(released on 2025-11-20).....	77
Version 15.9.1(released on 2025-11-14)	79
Version 15.9.0(released on 2025-11-13)	79
Version 15.8.4(released on 2025-11-06).....	83
Version 15.8.3(released on 2025-10-29).....	85
Version 15.8.2(released on 2025-10-29).....	86
Version 15.8.1(released on 2025-10-22).....	87
Version 15.8.0(released on 2025-10-09).....	89
Version 15.7.6(released on 2025-10-02).....	90
Version 15.7.5(released on 2025-10-02).....	90
Version 15.7.4(released on 2025-09-25).....	93
Version 15.7.3(released on 2025-09-11).....	96
Version 15.7.2(released on 2025-09-04).....	98

Version 15.7.1(released on 2025-08-29).....	101
Version 15.7.0(released on 2025-08-28).....	102
Version 15.6.1(released on 2025-08-21).....	104
Version 15.6.0(released on 2025-08-14).....	106
Version 15.5.6(released on 2025-07-31).....	110
Version 15.5.5(released on 2025-07-24).....	112
Version 15.5.4(released on 2025-07-17).....	115
Version 15.5.3(released on 2025-07-14).....	115
Version 15.5.2(released on 2025-07-13).....	116
Version 15.5.1(released on 2025-07-10).....	117
Version 15.5.1(released on 2025-07-10).....	119
Version 15.5.0(released on 2025-07-03).....	119
Version 15.4.5(released on 2025-06-26).....	123
Version 15.4.3(released on 2025-06-12).....	128
Version 15.4.2(released on 2025-05-29).....	129
Version 15.4.1(released on 2025-05-22).....	132
Version 15.4.0(released on 2025-05-15).....	135
Version 15.3.3(released on 2025-05-07).....	138
Version 15.3.2(released on 2025-05-01).....	140
Version 15.3.1(released on 2025-04-24).....	142
Version 15.2.6(released on 2025-04-10).....	146
Version 15.2.5(released on 2025-04-03).....	148
Version 15.2.4(released on 2025-03-28).....	150
Version 15.2.3(released on 2025-03-25).....	151
Version 15.2.1(released on 2025-03-06).....	156
Version 15.2.0(released on 2025-02-27).....	157
Version 15.1.2(released on 2025-02-20).....	161
Version 15.1.1(released on 2025-02-13).....	163
Version 15.1.0(released on 2025-02-06).....	165

LTS vs. Standard Releases

LTS (Long-Term Support) Version

- Based on a specific **Standard release** but then **feature-frozen** for a period (typically ~6 months).
- During the support window, only **bug fixes and security patches** are back-ported — **no new features** are introduced.
- Offers **greater stability and predictability**, which is helpful for highly regulated environments or for teams that want to minimize change during a project lifecycle.
- Often used when systems require rigorous compliance testing (e.g., validation for 21 CFR Part 11), because the environment remains consistent while only essential patches are applied.

Standard Version

- **Frequent updates** with **new features**, improvements, and bug fixes released on a regular cadence (often weekly or monthly depending on the consortium release schedule).
- Ideal for teams that want the **latest capabilities** and are comfortable upgrading more often.
- Because new features are added frequently, it may require **more testing and validation** by your organization before deployment.

Upgrade Approaches

- REDCap doesn't inherently differentiate between **LTS (Long-Term Support)** and **Standard Release (SR)** — it only requires that upgrades move to a **higher version number**.
- REDCap upgrades only require moving to a higher version number.

- You can switch from LTS → Standard Release (SR) at any time because SR versions are always higher.
- You can switch from SR → LTS, but only when a new LTS branch is released (every 6 months).
- REDCap itself does not enforce LTS vs SR logic — the distinction is administrative, not technical.
- Best upgrade path depends on organizational needs; no single “best” option.

LTS Release Notes

Version 16

Version 16.0.15(released on 2026-02-26)

Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on a specific survey setting related page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 13.9.3 and higher.

Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Project Revision History page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 11.3.0 and higher.

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered in a Multi-Language Management related process, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 12.0.0 and higher.

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on a File Repository page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can be exploited by unauthenticated users (i.e., survey participants). Bug exists in REDCap 12.5.0 and higher.

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on a REDCap Mobile app related page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 7.1.0 and higher.

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on several MyCap related pages, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 13.0.0 and higher.

Major security fix: An SQL Injection vulnerability was found on the Survey Invitation Log page, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have Survey Distribution Tools privileges in a project. Bug exists in all versions of REDCap.

Change: A new check has been added to the Configuration Check page to check if the main REDCap directory on the web server is writable, and if so, it recommends to change the permissions of the folder to ensure that the REDCap application cannot write or edit files/folders in the main REDCap directory. This is recommended as a security improvement to protect against certain attack vectors that might try to modify the REDCap code.

Change: Since it has been determined that certain older REDCap versions contain security vulnerabilities that might still be executable if those version directories continue to remain on the REDCap web server, the Configuration Check page in the Control Center now recommends that you remove those older version directories. Those versions will be mentioned specifically on the Configuration Check page. We do not feel that it is necessary to remove all older version directories every time you upgrade in the future, but you may choose to do so if you wish.

Change: Warning text has been added in the Control Center for admins if the Easy Upgrade feature is enabled on the current REDCap instance. It mentions that using Easy Upgrade on a production server is no longer recommended because of security implications. Easy Upgrade requires that the REDCap application be able to write files to the main "redcap" directory on the web server, which is not a recommended security practice for production environments because it can make your server vulnerable to certain attacks. It notes that if the server is a production REDCap instance, it is recommended that the admin ask their IT Team to change the file permissions of the main "redcap" directory to ensure that the REDCap application cannot create new files/directories (with the exception of the REDCap "temp" folder).

Bug Fix: For MyCap-enabled projects, when a user adds a PROMIS measure from the "Mobile Toolbox - PROMIS" tab from the "Active Tasks" popup in the Online Designer, some measures added from the REDCap Shared Library would mistakenly get generated with

Forms and Calibration JSON files (via PROMIS API calls) having an incorrect engine value or with invalid JSON format (with new line characters).

Bug Fix: Recent fixes to the datepicker on forms/surveys caused some erratic behavior in the context of ASIs and Alerts & Notifications. Bug emerged in REDCap 16.0.9 Standard and 16.0.10 LTS. (Ticket #272139b)

Bug Fix: Users are able to bypass Access Control Groups compliance checks when they upload user rights or roles assignments via the CSV import feature on the User Rights page, or via the API. This fix makes sure that ACG compliance checks occur prior to any successful user rights or roles changes via either the CVS upload feature or the API. (Ticket #271811)

Bug fix: CDP project users, when saving mappings after adding or editing fields on the CDP Mapping page, could be blocked by an unresolved validation row showing an event with "Not selected" values. (Ticket #272808, #272832)

Bug fix: For CDIS users extracting clinical documents, when an HTML attachment includes extra content-type details (such as charset), extraction could fail in the clinical note workflow. (Ticket #272905)

Bug fix: For certain types of Azure-based deployments, the Base URL on the Email Users page might not get set correctly and might cause functional issues. (Ticket #273150)

Bug fix: If a user has a mixed-cased username, it might prevent them from successfully downloading their live calendar feed (ICS file) from the Calendar page in a project. (Ticket #273059)

Bug fix: In a MyCap-enabled project, when uploading an Instrument Zip file (downloaded from a MyCap-enabled instrument), the process might fail due to an SQL error.

Bug fix: The redcap_history_size database table might mistakenly have zeros for the size_db and size_files columns for the past few months, thus not recording the database and file storage sizes correctly. (Ticket #272824)

Bug fix: When a project has been marked as completed, in which a dialog is displayed on the project home page, clicking the "View users & privileges" button in the dialog would mistakenly return an error message. Bug emerged in REDCap 16.0.12 LTS and 16.1.0 Standard.

Bug fix: When copying a MyCap-enabled project that contains records, in which the records are also being copied, the process would result in creating duplicate participants

in the MyCap Participant List in the new project. The records would get copied correctly but mistakenly added twice to the MyCap Participant List.

Bug fix: When creating a project via a Project XML file, in which the original project (represented in the XML file) was longitudinal and contained some instruments that have no fields (excluding the Form Status field), the instrument-event mapping for some instruments might not get set correctly in the newly created project. (Ticket #268270)

Version 16.0.14(released on 2026-02-18)

Major bug fix: When a survey page is submitted with some required fields left empty, in certain scenarios the page might not be redisplayed with the Required Fields warning. Bug emerged in the previous version. (Ticket #272518)

Bug fix: A certain project-level AJAX request that is used for sending test emails in various places in the project would mistakenly allow users to send emails with any From address. It now ensures that the From address for the outgoing email matches an email address attached to the current user's user account.

Bug fix: If a project contains more than 5000 records, the Data Quality page would mistakenly return 0 discrepancies for all rules if a record was not selected in the record filter text box. Bug emerged in REDCap 16.0.12 LTS and 16.1.0 Standard. (Ticket #272153)

Bug fix: If a report only contains a single field (specifically the record ID field) and the report has filter logic defined, the report would mistakenly display the Form Status Complete field for all repeating instruments, assuming the project contains some repeating instruments. (Ticket #271916)

Bug fix: In a longitudinal project, if alerts have been defined to use File Upload fields for attachments, in which the event is referenced (e.g. using [baseline_arm_1][file]), the CSV upload of the alerts might fail even though the field(s) are present in the project. (Ticket #272367)

Bug fix: In features that utilize the VueJS library (e.g., CDIS, Email Users page), "Delete" requests would fail with a 405 error on REDCap installations running on Nginx when calling a versioned folder URL without an appended "index.php" on the end, such as https://redcap.myserver.edu/redcap_vX.X.X/ instead of https://redcap.myserver.edu/redcap_vX.X.X/index.php.

Bug fix: Moving a field to immediately after a matrix group was not possible using the Online Designer's Move field dialog. (Ticket #271094)

Bug fix: When a project is in draft mode, the "Designate for an event" link was shown in Online Designer despite new instruments not being available for assigning at this stage. The link is now replaced with a statement. Conversely, after draft mode has been exited, a link is now shown instead of a mere notification.

Bug fix: When a user is logging in via Entra ID, in which the setting "AD attribute to use for REDCap username" is set to "mail" and Endpoint Version "V2" is being used, for some Entra ID configurations, REDCap might mistakenly always set every user's REDCap username to be the "preferred_username" attribute from Entra ID rather than setting their username as their email address (i.e., the value returned from the "email" claim). (Ticket #267654b)

Bug fix: When a user is viewing a completed e-Consent response on a data entry form, in which the e-Consent setting "Allow e-Consent responses to be edited by users?" is not enabled for that survey, if the form is locked and then a user unlocks it, all the fields on the form would mistakenly become editable, which should not happen. Note: Even if a user does modify field values in this scenario, an error message would be displayed after they click the Submit button that denotes that modifying data is not allowed and that no data was changed. (Ticket #272317)

Bug fix: When saving the settings for an Automated Survey Invitation, the "From" email address was mistakenly not being checked to ensure that the email belonged to a user in the project. (Note: This was already being checked when importing ASI settings via a CSV file.)

Bug fix: When the CDP Dashboard URL is generated, the path now ends with a trailing slash before query parameters (e.g., /DynamicDataPull/data_fetching_queue_dashboard/?pid=...), preventing compatibility issues on systems that expect directory URLs to be slash-terminated.

Bug fix: When viewing the Record Status Dashboard, if the Rapid Retrieval feature is working on the page to provide a cached version of the page, and if the RR's cache was stored when REDCap was on a previous version, in which that previous REDCap version has been removed from the web server, some images (e.g., form status icons) might not display correctly on the page and other links might lead to a 404 "does not exist" error.

Version 16.0.13(released on 2026-02-12)

Critical security fix: A PHP Deserialization Remote Code Execution vulnerability was found that could potentially be exploited by manipulating an HTTP request to a specific CDIS-

related page while manipulating a certain CDIS-related cookie in a specific way. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but this is only exploitable if CDIS is enabled at the system level. This vulnerability exists in REDCap 13.8.1 and higher.

Critical security fix: A PHP Deserialization Remote Code Execution vulnerability was found that could potentially be exploited by manipulating an HTTP request to a specific Duo-related page while manipulating a certain Duo-related cookie in a specific way. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but this is only exploitable if Duo MFA is enabled at the system level. This vulnerability exists in REDCap 13.8.1 and higher.

Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way on the "Design My Events" page. This can only be exploited by authenticated users that have "Project Design & Setup" privileges. Bug exists in all versions of REDCap.

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into some REDCap Messenger related endpoints. This can only be exploited by authenticated users. Bug exists in all versions of REDCap.

Major security fix: An SQL Injection vulnerability was found in the Data Quality module, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have rights to execute Data Quality rules. Bug exists in all versions of REDCap.

Medium security fix: A Path Traversal vulnerability was found in a specific endpoint relating to the "Summarize Data" AI feature on reports, in which a malicious user could potentially exploit it by manipulating an HTTP request on a report. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.

Major bug fix: When the "Require a reason when making changes" feature is enabled in a project, in which a user clicks the "Delete data for this form only" button at the bottom of a data entry form and then supplies some text for the reason in the "Reason for changes"

prompt, the reason text would fail to be logged on the Logging page for the event. (Ticket #271998)

Major bug fix: When the "Require a reason when making changes" feature is enabled in a project, in which a user clicks the "Delete data for this form only" button at the bottom of a data entry form, if no fields on the page had been modified prior to clicking the button, then the "Reason for changes" prompt would fail to be displayed to the user, thus not logging any text for the reason. (Ticket #271998)

Bug Fix: In the context of Access Control Groups, when editing a user's rights on the User Rights page, some fields which had global or project level settings turned off, although now hidden and not visually appearing on the User Interface (UI), still carried their values prior to the settings being turned off. These hidden field values are still submitted and may corrupt the actual current state/value for each of the corresponding rights even when their respective global or project level settings have been disabled. This fix makes sure that during ACG non-compliant rights determination, hidden rights are correctly attributed "off" state values, regardless of what their values were before they were removed from the UI. (Ticket #271812)

Bug Fix: When using the Access Control Group feature, group rights and user rights values were disjointed for rights with layered access level such as Data Quality Resolution and Data Export, leading to ambiguity and guesswork when editing users rights. This fix solves the issue by making the access levels for those rights congruent in both the ACG form and User Rights page. Ticket #268921b addressed this issue, but for the User Rights privilege only; this fix expands the scope to the other rights with the same issue.

Bug fix: Certain YouTube URLs, such as YouTube Shorts, would mistakenly not load correctly on a form or survey when entered as the embedded media for a Descriptive field. (Ticket #271003)

Bug fix: Combining the 'Survey Auto-Continue' feature and the 'Save & Return Later' feature exhibits different behavior depending on if the 'Allow respondents to return without needing a return code' setting is enabled. Typically, if a participant returns to an already-completed survey that has 'Survey Auto-Continue' enabled, they should be automatically redirected to the next survey, if applicable. But in some cases, this might not happen, and the survey page would instead display the message "Thank you for your interest, but you have already completed this survey". (Ticket #270403)

Bug fix: In MLM-enabled projects where the AI Auto-translate feature is enabled, clicking on the "Translate using AI" button on the MLM setup page might not translate all text on an instrument in certain specific cases. (Ticket #270618)

Bug fix: In projects with a large amount of records (e.g., >100K), the Record Status Dashboard table might fail to load due to a database query being too long, thus resulting in a database query error. (Ticket #271802)

Bug fix: Saving a blank value for a designated email field (including survey-specific designated email fields) on a form/survey in a longitudinal project might cause the logging for those data changes to be duplicated unnecessarily. (Ticket #271144)

Bug fix: The checkmark icon displayed on the "e-Consent" button in the Online Designer would mistakenly persist when all instruments that had e-Consent enabled were deleted from the project. (Ticket #270898)

Bug fix: The hyperlink to the project in an EM activation request email does not contain the full REDCap URL, which results in a 404 error when clicking on it. (Ticket #271857)

Bug fix: When a participant submits a public survey but leaves a required field empty, it would mistakenly create an extra empty logged event as seen on the Logging page. (Ticket #269957)

Bug fix: When administrators use the Email Users page in the Control Center, several labels would appear as hard-coded in the navigation, query manager, and dynamic variables menus. (Ticket #271035)

Bug fix: When using the "Import Project Info" API method, specifically when the format is "csv", some UTF-8 encoded text for the project title and other attributes might mistakenly not get stored in the correct encoding in the database. (Ticket #271820)

Bug fix: When using the Project Revision History, comparing data dictionary snapshots will fail if the user preference for CSV delimiter is not comma. (Ticket #271853)

Version 16.0.12(released on 2026-02-05)

Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is saved via specific REDCap endpoints or is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.

Bug fix: If a project contains more than 5000 records, the Data Quality page would mistakenly not display the record filter text box at the top of the DQ rules table. Bug emerged in REDCap 16.0.7. (Ticket #271510)

Bug fix: In some server environments that wrap the client's IP address in square brackets, the IP address would mistakenly not get stored in the redcap_log_view database table appropriately.

Bug fix: On Access Control Groups upload/creation via the CSV file import feature, the review changes confirmation dialog inaccurately catalogs changes for the API and Randomization privileges. This PR addresses the issue by fixing underlying root cause and making sure that the current and proposed changes in the ACG confirmation dialog via CSV upload are accurately displayed. (Ticket #270271)

Bug fix: The instructions for "Custom Surveys for Project Status Transitions" feature on the User Settings page in the Control Center was missing some important information. It failed to mention that these surveys are required to be one-page public surveys and that they cannot utilize the Survey Queue, Survey Auto-Continue, or Redirect features at the end of a survey. (Ticket #271193)

Bug fix: When using the CSV file import feature to create new Access Control Groups, and when the Group IDs for these new groups are manually specified (though they need not be, as they were intended to be generated automatically), a success confirmation message is imparted even though the creation of the new groups actually did not succeed. This PR addresses the issue and allows users to create new groups with manually-specified Group ID values that must start with the prefix G- and not exceed 15 total characters. (Ticket #270270)

Bug fix: When using the optional feature that adds primary keys to all REDCap database tables that do not have an explicit primary key column already defined, INSERT queries to the "redcap_ip_cache" database table would always fail.

Version 16.0.11(released on 2026-01-30)

Major bug fix: The upgrade page would mistakenly not load due to a fatal PHP error when using PHP 8.4 or 8.5. (Ticket #271237)

Version 16.0.10(released on 2026-01-29)

New LTS branch based off of REDCap 16.0.9 (Standard).

Note: Please see the Standard Release ChangeLog for the full list of new features and changes released between the previous LTS and this new LTS branch.

Version 15

Version 15.5.37(released on 2026-03-05)

Medium security fix: An access control vulnerability was discovered on data entry forms in which a malicious user could potentially exploit it by sending a specially crafted HTTP request to a data entry form that would allow a user that is assigned to a Data Access Group to take control of and modify a record belonging to another DAG. This can only be exploited by authenticated users who have Data Viewing privileges to the first instrument in a project. Bug exists in all versions.

Version 15.5.35(released on 2026-02-12)

Critical security fix: A PHP Deserialization Remote Code Execution vulnerability was found that could potentially be exploited by manipulating an HTTP request to a specific CDIS-related page while manipulating a certain CDIS-related cookie in a specific way. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but this is only exploitable if CDIS is enabled at the system level. This vulnerability exists in REDCap 13.8.1 and higher.

Critical security fix: A PHP Deserialization Remote Code Execution vulnerability was found that could potentially be exploited by manipulating an HTTP request to a specific Duo-related page while manipulating a certain Duo-related cookie in a specific way. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but this is only exploitable if Duo MFA is enabled at the system level. This vulnerability exists in REDCap 13.8.1 and higher.

Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way on the "Design My Events" page. This can only be exploited by authenticated users that have "Project Design & Setup" privileges. Bug exists in all versions of REDCap.

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into some REDCap Messenger related endpoints. This can only be exploited by authenticated users. Bug exists in all versions of REDCap.

Major security fix: An SQL Injection vulnerability was found in the Data Quality module, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on

the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have rights to execute Data Quality rules. Bug exists in all versions of REDCap.

Medium security fix: A Path Traversal vulnerability was found in a specific endpoint relating to the "Summarize Data" AI feature on reports, in which a malicious user could potentially exploit it by manipulating an HTTP request on a report. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.

Version 15.5.34(released on 2026-02-05)

Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is saved via specific REDCap endpoints or is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.

Version 15.5.33(released on 2026-01-29)

Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by uploading a PDF that contains dangerous JavaScript onto a REDCap page that embeds the PDF using the browser's built-in PDF viewer, such as when using the INLINE action tag on a File Upload field. To prevent this, REDCap now always prevents the usage of the browser's built-in PDF viewer and instead always forces the usage of the built-in PDF viewer, which does not allow JavaScript injection via PDF. This can be exploited by authenticated users and also by survey participants. Bug exists in all versions of REDCap.

Major bug fix: When a user is calling the File Export API method, in some cases the user would mistakenly be able to export the file even when they have "No Access" data export rights for the instrument on which the File Upload field is located. (Ticket #270635)

Bug fix: CDIS projects importing laboratory observations now keep zero values instead of showing a blank result. (Ticket #270616)

Bug fix: CDIS projects importing observation results now keep boolean and range-based values when they are present. (Ticket #270616)

Bug fix: If an admin deletes a CDIS custom authentication parameter on the CDIS settings page when multiple entries exist, the first entry would be removed instead. (Ticket #270048)

Bug fix: Several missing LOINC codes were added to the CDIS mapping features.

Bug fix: The Project ID argument is mistakenly not passed to the `redcap_every_page_before_render()` hook on the REDCap login page. (Ticket #270910)

Version 15.5.32(released on 2026-01-22)

Bug fix: Custom form CSS and custom survey CSS would mistakenly not be transferred via Project XML files or when copying a project.

Bug fix: If a survey participant opens an adaptive or auto-scoring instrument that was downloaded from the REDCap Shared Library, they would mistakenly be allowed to take the survey even if the record was locked at the record level. Now it appropriately displays an error message saying that the survey cannot be taken because the record is locked.

Bug fix: If a user set's their preferred CSV Delimiter (via the Profile page) to "blank space", several features that perform CSV exports (such as a data dictionary export) would fail with a fatal PHP error. (Ticket #270169)

Bug fix: The Choices Editor dialog in the Online Designer mistakenly did not allow a dash (-) or a dot (.) as part of a coded value. (Ticket #270348)

Bug fix: When a project is in draft mode while in production and a user selects to "Move field(s) to newly created instrument" in the Online Designer, it would correctly create the new instrument with the moved fields, but it would mistakenly have "[?]" as its form label in certain situations. (Ticket #267242)

Bug fix: When a recurring alert is set to be triggered by conditional logic, in which the "Ensure logic is still true" checkbox is checked for the alert, if at least one notification in the recurrence series has already been sent for a given record and then the alert logic becomes no longer true but then later the logic becomes true again, the recurrence series would fail to get initialized again, thus no more notifications would be sent for the record for the recurring alert. (Ticket #268869)

Bug fix: When a survey participant is returning to a partially completed response using a private survey link, in which the "Save & Return Later" feature is not enabled for the survey, the page would mistakenly not utilize the survey's theme, thus possibly making the displayed text difficult to read in some situations. (Ticket #270331)

Bug fix: When calling the API method "Export a List of Files/Folders from the File Repository", it would mistakenly return folders that are admin-restricted folders. The API should not return any admin-restricted folders in the folder list.

Bug fix: When exporting a PDF of a data entry form using the "via browser's Save as PDF" option, the resulting PDF might mistakenly not obey all the PDF Customizations settings from the Project Setup page.

Bug fix: When reevaluating an alert in a project with multiple arms, the Notification Log might mistakenly list an event from an arm in which the record does not exist. (Ticket #269644)

Bug fix: When the Record ID field is the only field ever used in Form Display Logic, conditions for FDL might not get evaluated as expected.

Bug fix: When using a Super API Token to create a new project using a Project XML file via the API, errors would be returned if certain low-level metadata errors existed in the XML file, thus preventing the project from being created. Whereas when creating a project via Project XML in the user interface, this would not occur but would be allowed. In this case, the API project creation process will no longer return low-level metadata errors that block the project creation. (Ticket #269973)

Version 15.5.31(released on 2026-01-15)

Bug fix: If a field has branching logic that consists of only one line, in which the line is a comment (i.e., begins with "//"), the survey or data entry form would mistakenly display a branching logic error message. (Ticket #269850)

Bug fix: Images embedded in rich text of Alert emails might not render correctly on the page when viewed using the Protected Email feature.

Bug fix: In some specific scenarios when the Background Data Import process is importing records for multiple projects during the same cron job instance, the import process might mistakenly get stuck in a "Processing" state, even when all records have been successfully imported into the project.

Bug fix: The Duo Library for Two-Factor Authentication has been updated to the latest version because the old library will become deprecated on February 2, 2026. (Ticket #266441)

Bug fix: When a field's min or max range check value is a field value that is piped from a repeating instrument on another event, in some scenarios the min/max value would not get piped correctly, thus causing the min/max range check not to work correctly. (Ticket #269574)

Bug fix: When adding/editing User Roles using the API User Role Import method or using the CSV import on the User Rights page, the Email Logging privilege for a given role could mistakenly not be modified.

Bug fix: When an admin is using the "View project as user" feature in a project and is viewing the "My Reports & Exports" page, the buttons being displayed under the "Management Options" column in the report list would mistakenly not always match what the user being impersonated would actually see. (Ticket #270090)

Bug fix: When calling the Export User Roles API method with the API parameter "format" set specifically to "csv", the "forms_export" column in the API response would mistakenly also have the "forms" column values prepended to it.

Bug fix: When exporting->importing a project using a Project XML file, the value for the setting to enable/disable the Participant Identifier column in the survey participant list would mistakenly not get carried over into the new project.

Bug fix: When viewing the MyCap inbox page in a MyCap-enabled project, any "#ACCESSED PROJECT" messages from some study participants were mistakenly not hidden from the user interface.

Version 15.5.30(released on 2026-01-08)

Bug fix: If any field with a READONLY action tag contains a Descriptive Popup, the popup would mistakenly be faded-out looking (i.e., with opacity 0.6). (Ticket #269360)

Bug fix: The Control Center warning that tells administrators that the REDCap cron job is not running was mistakenly being displayed when the system was in "Offline" mode. It should only display that warning when the system is "Online". (Ticket #269625)

Bug fix: The Rewards-related cron job would mistakenly get set to an incorrect enabled/disabled value in the "redcap_crons" database table, thus causing it to run despite the feature being turned off. (Ticket #269443)

Bug fix: The email reminder sent to users by the User Access Dashboard would mistakenly include deleted projects, completed projects, and projects where the user's access has expired. (Ticket #269633)

Bug fix: When creating a new randomization model in a longitudinal project, if stratified randomization is selected, the page might mistakenly display a false error message below the strata field drop-down. Note: This was supposedly fixed in the previous version, but mistakenly it was not. (Ticket #268943)

Bug fix: When viewing the Record Home Page in a project that contains repeating instruments, the repeating instrument tables at the bottom of the page would be displayed even when an instrument has no instances. Bug emerged in the previous version. (Ticket #269358)

Bug fix: When viewing the Record Status Dashboard, in which some records on the page have been locked at the record level, clicking the link to display "Lock status only" or "Lock and E-signature status" might mistakenly not display the lock icon next to those locked records.

Version 15.5.29(released on 2026-01-01)

Bug fix: If a PDF Snapshot has been set up in a longitudinal project so that it should be triggered by the completion of a survey on a specific event, the snapshot might mistakenly get triggered when that survey is completed on any event instead of just on the specified event. (Ticket #269116)

Bug fix: In MyCap-enabled projects, MyCap participants should not continue to receive notifications on their device after a REDCap project has been deleted from the MyCap app for that device.

Bug fix: The floating popup tables for repeating instruments might mistakenly be too narrow in some contexts. Also, the repeating instrument tables at the bottom of the Record Home Page might mistakenly be too wide, thus causing fewer tables to fit horizontally at the bottom of the page. (Ticket #269316)

Bug fix: When a user starts the SMART on FHIR flow for CDIS while already logged into REDCap, the system might not correctly recognize that existing login and thus might not proceed smoothly.

Bug fix: When creating a new randomization model in a longitudinal project, if stratified randomization is selected, the page might mistakenly display a false error message below the strata field drop-down. (Ticket #268943)

Bug fix: When using the Scheduling module and viewing a record's scheduled events in the calendar popup, the right-hand data entry form links inside the popup might not work if the forms exist on a repeating event while the event has no data. (Ticket #269037)

Version 15.5.28(released on 2025-12-18)

Major bug fix: When using Form Display Logic with the FDL "Survey Auto-Continue" setting enabled on multiple sequential surveys, in which a participant is taking multiple surveys back to back, specifically within a repeating event, some surveys in the sequence might

mistakenly get skipped via FDL when they should not. Note: This bug was supposedly fixed in REDCap 15.5.27 (LTS) and 16.0.2 (Standard) but actually made the issue worse in some cases. (Ticket #267515b)

Major bug fix: When viewing a public survey in a project that is longitudinal or else the public survey is a repeating instrument or exists on a repeating event, in which the Designated Email Field is enabled in the project and used on that survey, if a record with record name "1" exists in the project with an email address saved for the Designated Email Field, then the public survey would mistakenly always pre-fill the email field on the page with the email address of record "1" in the project.

Bug fix: In some rare instances, the AlertsNotificationsSender cron job might mistakenly crash with a fatal PHP error. (Ticket #266855)

Bug fix: When a user downloads the Project XML "metadata only" file on the Other Functionality page, the "last_logged_event_exclude_exports" field in the "redcap_projects" database table would mistakenly get updated, which might cause the Rapid Retrieval caching feature not to be as efficient as it should. (Ticket #268756)

Bug fix: When loading the Notification Log for "Alerts & Notifications", the "Begin time" text box would be pre-filled with the current time but mistakenly it would be in the wrong time format.

Bug fix: When using Form Display Logic on an instrument that exists as the only instrument in the current arm or in the whole project, if the FDL always evaluates to false for that instrument for non-yet-created records, then any attempt to create a new record in the user interface would inevitably cause the Record Home Page to keep redirecting to itself in an infinite loop. (Ticket #267914)

Bug fix: When viewing the Data History popup for a File Upload field, in which one or more versions of the file have been deleted, the info in the popup might mistakenly not list the correct user who deleted the file but instead would attribute the action to the same user that uploaded the file. (Ticket #268958)

Version 15.5.27(released on 2025-12-11)

Bug fix: Due to an issue in the TinyMCE rich text editor library, a bug may inadvertently hang around and remain in a field despite the fact that the TinyMCE bug has been fixed, in which a specific DIV tag with class "ephox-dragster-blocker" might get invisibly added to a field label or other text and thus may prevent data entry on or edits to a form or survey. (Ticket #267515)

Bug fix: If a user is assigned to a Data Access Group and then views the data entry form of a record while in Draft Preview Mode, they would mistakenly be given an error message stating that the current record does not belong to their DAG, which is incorrect. (Ticket #268364)

Bug fix: If the Google reCAPTCHA feature for public surveys is set to be enabled by default for new projects created, it would mistakenly fail to be enabled when creating a project from a Project Template or when copying a project that itself did not have reCAPTCHA enabled. (Ticket #268732)

Bug fix: In some rare instances, the process of uploading any file in REDCap might fail due to an issue with the underlying magic database file used by the PHP Fileinfo extension on the REDCap server. (Ticket #268504)

Bug fix: The "Concurrent Users/Respondents" chart on the "User Activity Graphs" page in the Control Center would mistakenly include failed login attempts in its counts. (Ticket #268449)

Bug fix: The "simultaneous user prevention" check on data entry forms might mistakenly not work and might allow multiple users to access and edit the same record-event-instrument-instance in a project. Bug emerged in REDCap 15.7.0 (Standard). Note: This issue will only occur if one or both of the users' rights have been modified after the REDCap server has been upgraded to v15.7.0 or to a later version. (Ticket #267556)

Bug fix: Users might be able to restore any archived conversation in REDCap Messenger, even if they do not belong to that conversation or do not have permissions to archive/restore it. (Ticket #268453)

Bug fix: When using Form Display Logic with the FDL "Survey Auto-Continue" setting enabled on multiple sequential surveys, in which a participant is taking multiple surveys back to back, some surveys in the sequence might mistakenly get skipped via FDL when they should not. (Ticket #267515)

Bug fix: When using Send-It to email a file, it is possible to enter the same recipient email address multiple times and thus have it send the same email X number of times to the same recipient. (Ticket #268452)

Version 15.5.26(released on 2025-12-06)

Bug fix: If fields from one page in a multi-page survey are embedded into another page on that survey, in which a calculated field exists on that other survey page and includes the

embedded field(s) in the calculation, the fields would mistakenly get embedded on the other survey page, which should not happen and should result in an error because fields can only be embedded on the page in which they are located. In this situation, an error message should be displayed on the page where the fields are embedded. Note: This bug could result in values not getting saved for the embedded fields. (Ticket #267864)

Bug fix: When using Shibboleth authentication, the login page might not fully function due to a JavaScript error on the page. (Ticket #268336)

Bug fix: When using multiple IDPs with Shibboleth authentication, clicking the tabs on the login page to select a different IDP would mistakenly display HTML tags in the login instruction text (rather than interpreting the HTML) if the text contained any HTML.

Version 15.5.25(released on 2025-12-04)

Major bug fix: When the Delete Records API method is used in order to delete a specific instrument's data for a given record, in which the project is longitudinal, if the record name is not provided in the exact same case as it is stored in the project (i.e., "taylor-101" vs "TAYLOR-101"), then it may cause all the data in an entire event to become orphaned and appear as if it were all deleted.

Bug fix: A query from the upgrade script of the previous version might mistakenly fail with an error if using MySQL. (Ticket #267867)

Bug fix: An issue would occur when performing field mapping for Clinical Data Pull where disabled FHIR mapping entries were still clickable, causing a UI glitch on the page. Disabled items are now non-interactive while their warning messages remain visible.

Bug fix: Fixed a bug in CDIS FHIR Token Manager where providing a patient ID caused non-matching tokens to be excluded, leaving no token if a patient-specific one wasn't available. Now tokens are prioritized (matching patient, then no patient, then other patients) so a usable token is still returned while favoring patient-specific tokens.

Bug fix: For usernames with certain characters in them (such as @), the "Last Used" column might fail to load on the API token pages in projects and in the Control Center. (Ticket #267916)

Bug fix: In certain rare situations, INSERT queries to the "redcap_outgoing_email_sms_log" database table might mistakenly keep going in an infinite loop until the script ultimately times out. In that case, it now only performs 10 attempts before giving up. (Ticket #268066)

Bug fix: Regarding CDIS FHIR access token management, an issue existed when a token was selected when no project context exists (e.g., patient portal after EHR launch).

Bug fix: When the text result of a CALCTEXT field contains a "less than" symbol (<) followed by some text, the symbol would mistakenly be replaced with its own HTML entity when displaying the result as the field value. (Ticket #257374)

Bug fix: When using "Shibboleth & Table-based" authentication, the Shibboleth login URL that is displayed on the REDCap login page might get mangled in certain situations, thus making it impossible for users to log in via Shibboleth. (Ticket #267870)

Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages from North American phone numbers that are toll-free phone numbers (e.g., begin with 800 or 877). Bug emerged in REDCap 15.5.23 LTS and 15.9.2 Standard Release.

Bug fix: When using a designated email field in a longitudinal project, in which the field's instrument is designated for multiple events and is enabled as a survey on one or more events, if the field already has a saved value and then its instrument is opened as a survey on an event where the field does not have a value saved yet, the designated email field would mistakenly not get pre-filled on the survey page with its saved value from the other event.

Version 15.5.24(released on 2025-11-26)

Bug fix: Certain automated emails sent to users from the system that append the institution name to the email subject might mistakenly end up with HTML tags in the subject, which looks odd and might cause the email to be flagged as spam. (Ticket #222997)

Bug fix: If a logo is utilized on the REDCap login page and the logo's width is less than 850px, the logo would mistakenly appear unexpectedly large on the page. Bug emerged in the previous release. (Ticket #267586)

Bug fix: In a longitudinal project that has a calc/CALCTEXT/CALCDATE field with logic that references a field on a repeating instrument that is defined as a repeating instrument on multiple events in the project, if the field is prepended with a unique event name in the logic, a calculation error might mistakenly be displayed when viewing the field's data entry form or survey page. (Ticket #267650)

Bug fix: When a user is logging in via Entra ID, in which the setting "AD attribute to use for REDCap username" is set to "userPrincipalName" and Endpoint Version "V2" is being used, REDCap would mistakenly always set every user's REDCap username to be their email address rather than the value returned from the userPrincipalName claim. (Ticket #267654)

Version 15.5.23(released on 2025-11-20)

Major bug fix: When using randomization with automatic triggering logic, in which a user triggers the logic by submitting a data entry form at the same time that they are locking the form, the record would only get partially randomized (i.e., it would be logged as having been randomized but the randomization field value would not get saved). (Ticket #267130)

Bug fix: Dynamic variables used in emails on the "Email Users" were not replaced correctly when two different user accounts used the same email address. (Ticket #262910)

Bug fix: If a logo is utilized on the REDCap login page and the logo is fairly wide, the logo would mistakenly run off the page when viewed on a mobile device.

Bug fix: In some server environments, the REDCap cron job might fail with a fatal PHP error due to "REQUEST_METHOD" not being defined in the SERVER superglobal array. (Ticket #267454)

Bug fix: The "deactivated action tag" indicator/icon was not being displayed in the Online Designer on fields that have one or more action tags that are "deactivated" via the Quick Modify Field popup.

Bug fix: The cron job that sends emails for Alerts & Notifications might mistakenly fail with a fatal PHP error in some unexpected situations. (Ticket #267335)

Bug fix: Users were mistakenly allowed to delete the MyCap baseline date field in the Online Designer for MyCap-enabled longitudinal projects.

Bug fix: When uploading a PDF consent form for a survey utilizing the e-Consent Framework, in which the PDF file does not successfully upload (e.g., exceeds max file size), the version number that the user set for that consent form would mistakenly be taken/occupied afterward and thus would prevent that version number from being used by subsequent consent forms that are uploaded. (Ticket #267441)

Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages to North American phone numbers with certain newer area codes, specifically 235, 279, 324, 329, 350, 353, 363, 364, 436, 448, 472, 531, 572, 582, 624, 640, 645, 680, 686, 726, 728, 743, 771, 820, 826, 838 840, 861, 930, 938, 943, 945, 948, 983. This issue was supposedly fixed in 15.5.14 LTS and 15.7.3 Standard, but mistakenly it was not. (Ticket #267265)

Bug fix: When viewing a multi-page survey on a mobile device, the "Previous Page" and "Next Page" buttons might mistakenly overflow off the left and right sides of the survey page. (Ticket #267182)

Bug: Users are now prevented from moving a MyCap-enabled task to the top/first position in the instrument list in the Online Designer. This is prevented because doing this causes issues with MyCap implementation.

Version 15.5.22(released on 2025-11-13)

Bug fix: For unknown reasons, for some specific web server configurations, the EraseTwilioWebsiteLog cron job might mistakenly fail with a PHP fatal error. (Ticket #266964)

Bug fix: If REDCap's Two-Factor Authentication is enabled and the two 2FA settings "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password" and "When e-signing, allow users to provide their 6-digit PIN only once per session" are also enabled, in which the REDCap installation is using an "X & Tabled-based" authentication method and the current user is a Table-based user, then the once-per-session E-signing feature would mistakenly not work and would require that the user enter their Password or PIN every time. (Ticket #267029)

Bug fix: If a survey page is called via a HEAD request (e.g., in the background by a third-party link verification service), some SQL queries related to retrieving data for piping on the survey page might not get optimized correctly and thus might run a lot longer than intended, thus degrading performance of the database server. (Ticket #246425b)

Bug fix: The "Auto-fill form" feature on data entry forms would mistakenly check the E-signature checkbox (if enabled) at the bottom of the page. The Auto-fill feature is not meant to check the Lock or E-signature checkboxes.

Bug fix: The Record List Cache was being reset unnecessarily in certain situations, such as when creating a new record in a project.

Bug fix: When a Descriptive Popup is created or edited, the page would fail to display a "success" message to the user and would just reload the page, making it appear as if the changes might not have been saved. It now displays a "success" message and redirects the user back to the main Descriptive Popups page after saving. (Ticket #266856)

Bug fix: When a REDCap admin is creating a new project from a Project Template, the admin's Data Viewing Rights in the resulting project would mistakenly be blank when viewed in the table on the User Rights page. Note: This would not impact their actual perceived user rights in the project though.

Bug fix: When moving multiple fields via the Quick-Modify Fields feature in the Online Designer, in which the fields are moved to the top of another form, not all the fields would

get moved properly, and in some cases the form to which the fields are moved may lose its form label. (Ticket #266668)

Bug fix: When the Record ID field is set to be hidden via the "Hide Record ID from PDF header" setting in the "Additional Customizations" popup on the Project Setup page, the Record ID field would mistakenly not be hidden in the PDF header when specifically selecting the PDF download option "This data entry from with saved data (via browser's Save as PDF)" while on a data entry form. (Ticket #111718c)

Bug fix: When the send time of an Alert or Automated Survey Invitation is based on the time difference with respect to a datetime field's value, in which the field has an invalid time component (e.g. "25:00"), the Alert/ASI cron job would crash with a fatal PHP error. In this situation, it will now fail gracefully and just assume a value of "00:00:00". (Ticket #266911)

Version 15.5.21(released on 2025-11-06)

Bug fix: Any embedded images in outgoing emails, such as in survey invitations and alerts, would mistakenly not be displayed as expected in the email body and would also remain in the email as broken URLs that require authentication if the inline images were added while on a version prior to 15.5.15 LTS and 15.7.4 Standard. (Ticket #266361)

Bug fix: CDIS-related issues with appointment searches and category labeling for external EHRs. 1) Appointment retrieval in Cerner/Oracle Health now sends the expected ge/lt timestamp filters with UTC offsets, keeping those visits visible. 2) Core Characteristic observations in non-Epic environments now surface under Laboratory so they continue to flow through projects. 3) Laboratory mappings that really belong with Core Characteristics are relabeled to keep related data together. (Ticket #262882, #264467)

Bug fix: HTML tags might mistakenly appear as visible in the "MyCap Messages: Inbox" list when using the rich text editor in MyCap messages.

Bug fix: If a user is using their Calendar Feed URL in a project and then they are removed from the project, their Calendar Feed would mistakenly still work and would still populate events in an external calendar application. It now correctly returns nothing in this situation. (Ticket #265827)

Bug fix: If the name of a Data Access Group contains apostrophes or quotes, a CSV Labels data export that contains the DAG column would mistakenly display those characters as HTML character codes. Bug emerged in REDCap 15.5.20 LTS and 15.8.2 Standard.

Bug fix: In certain situations when Randomization is used together in a project with PDF Snapshots or e-Consent when copying a project and all its records, the Copy Project

process might mistakenly fail and simply redirect the user back to the REDCap Home Page. (Ticket #266447)

Bug fix: On the Email Users page, the recipient list wasn't being generated correctly when using either the User Activity rule or the User Expiration rule. This would occur for certain versions of MySQL. (Ticket #266276)

Bug fix: The Online Designer's "Go to field" widget was not working as intended.

Bug fix: The REDCap Messenger icon that indicates that the current user has unread messages might mistakenly not be displayed. Additionally, the count of unread messages displayed next to the user's conversation titles might mistakenly not be displayed.

Bug fix: The check was removed for the MySQL 8.4.0+ setting "restrict_fk_on_non_standard_key" on the Configuration Check page because it was misleading and not correct. Bug emerged in REDCap 15.5.10 LTS and 15.6.1 Standard.

Bug fix: Users might get a ERR_TOO_MANY_REDIRECTS error in their browser when trying to reset their password on the login page.

Bug fix: When REDCap is generating a list of all records in a project on certain pages (e.g., Record Status Dashboard, Add/Edit Records), it was mistakenly performing some extra operations that were not necessary, thus possibly causing the page to load slower than expected.

Bug fix: When REDCap is pulling data for a single record in certain situations (e.g., piping on a data entry page), it was mistakenly performing some extra operations that were not necessary, thus possibly causing the page to load slower than expected. (Ticket #246425)

Bug fix: When a project is in development status and contains an Adaptive or Auto-Scoring instrument that was downloaded from the REDCap Shared Library, if the user is removing the library instrument via a Data Dictionary upload, the Shared Library's "Agree to Terms to Use" dialog would mistakenly be displayed whenever the user attempts to download the Data Dictionary in the future, despite the fact that the library instrument no longer exists in the project. (Ticket #265910)

Bug fix: When copying a project that has randomization enabled, in which all the records are being copied to the new project, REDCap would mistakenly copy the data of the randomization field(s) for any records that were already randomized. If a record is already randomized, the randomization field's value should not be copied to the new project.

Bug fix: When exporting a project's Project XML file (metadata + data), in which the "Export survey identifier field and survey timestamp fields" checkbox is checked, the resulting

project created from that XML file would mistakenly have the survey fields created as real project fields, which would cause issues later because such fields are reserved and thus are never expected to be real fields.

Bug fix: When performing a data import that contains repeating event data with "new" as the "redcap_repeat_instance" value, any alerts that are to be triggered using an [X-instance] smart variable (e.g., [field][current-instance]="2") might mistakenly not get triggered for the first instance of the repeating event during the data import process. (Ticket #266512)

Bug fix: When the send time of an Alert or Automated Survey Invitation is based on the time difference with respect to a date/datetime field's value or when the Alert/ASI was triggered, it would mistakenly not respect time changes related to Daylight Saving Time when determining the send time. For example, if an ASI is set to send 7 days after a specific date field, in which the date is in DST but 7 days after falls in Standard Time, the Alert/ASI might be scheduled to be sent one day too early. (Ticket #266568)

Version 15.5.20(released on 2025-10-29)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the name of a Data Access Group. This vulnerability can only be exploited by authenticated users that have privileges to the Data Access Group page in a project. Bug exists in all versions of REDCap.

Major bug fix: When a user is uploading a file to a File Upload field using the API Import File method in a longitudinal project, in some cases the file might not get fully saved correctly. Bug emerged in the previous version.

Bug fix: The API method "Import Project Info" would mistakenly ignore the Project P.I. email address attribute (if provided in the API import request), and additionally, the "Export Project Info" API method would not export that field. The API now allows for the import/export of that field as "project_pi_email", which is used only for projects with "Research" purpose.

Bug fix: When executing Data Quality rule E, if no numerical fields (i.e., calcs, sliders, or number/integer-validated text fields) exist in the project or if the user does not have access to numerical fields via their form-level Data Viewing Rights, DQ rule E might mistakenly return discrepancies for multiple choice fields that have numerical codings. Instead, DQ rule E should always ignore multiple choice fields. (Ticket #265966)

Bug fix: When set to write cache files to the database (instead of as files), the Rapid Retrieval caching mechanism might fail due to unexpected record locks in the database, thus preventing large data operations from completing. This fix now handles such lock errors with several retry attempts and then a graceful fallback, and the details of the exhausted attempts will be written to the REDCap error log table. (Ticket #266077)

Bug fix: When using Double Data Entry in a project, if the current user is DDE person 1 or 2, clicking on some form status icons on the Record Status Dashboard or Record Home Page would not lead to the expected record but instead would take the user to the Record Home Page and say that a new record is being created. (Ticket #265887)

Version 15.0.40(released on 2025-10-29)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the name of a Data Access Group. This vulnerability can only be exploited by authenticated users that have privileges to the Data Access Group page in a project. Bug exists in all versions of REDCap.

Version 15.5.19(released on 2025-10-22)

Major bug fix: When a user is uploading a file to a File Upload field using the API Import File method, if the project is longitudinal and the field's form currently has no data on the event to which the file is being uploaded, the file would get stored in the REDCap system and would be logged on the project Logging page correctly, but the file would mistakenly not appear attached to the File Upload field afterward. Bug emerged in REDCap 15.0.15 LTS and 15.2.2 Standard. (Ticket #265877)

Bug fix: If the "Contact person web address/URL" setting has been set in the Control Center, several user-facing error messages (e.g., suspended user message) would mistakenly not display the URL but would instead display an empty "mailto" link. (Ticket #265673)

Bug fix: If the project title contains HTML tags, those tags would mistakenly appear in the webpage title in the browser tab. It now strips all HTML from the title as it appears in the user's browser tab.

Bug fix: In a MyCap-enabled project in production status, users might be unable to fix MyCap-related warnings using the "Fix issues" button.

Bug fix: In the context menu (accessed via right-click) of the TinyMCE rich text editor, the "Paste" option was removed because it would never work in any browser due to browser security settings. Note: Users can still paste any content into the editor via Ctrl-V/Cmd-V.

Bug fix: On surveys with multiple pages, the prev/next buttons were not swapped for right-to-left (RTL) languages.

Bug fix: Several missing LOINC codes were added to the CDIS mapping features.

Bug fix: The MyCap-related action tag MC-TASK-SERIALIZEDRESULT was mistakenly misspelled in the action tag list.

Bug fix: When Clinical Data Pull projects, fixed inaccurate handling of fractional day offsets in date adjustments. The function now converts offsets to seconds for precise calculations, supports values between 0.01 and 365 days, and safely handles both string and DateTime inputs. (Ticket #265371)

Bug fix: When copying a project or importing a Project XML file, MLM translations for Descriptive Popups were mistakenly not available in the newly created project.

Bug fix: When exporting data to SPSS, the SPSS import script might mistakenly fail for specific non-numeric coded values. (Ticket #265156)

Bug fix: When freeform text data containing email addresses is displayed on a report, any email addresses that are wrapped in parentheses would mistakenly have the parentheses added as part of the email address "mailto" hyperlink when displayed on the report.

Bug fix: When taking a survey, in which some field values are added and then the participant attempts to navigate away from the page or close their browser tab, in some cases the prompt "Leaving site? Changes you made may not be saved." would mistakenly not be displayed before allowing them to leave the survey.

Bug fix: When the Development Record Limit feature is enabled while a user is attempting to use Data Quality rule H, in certain cases an error might mistakenly be returned and would prevent the user from auto-fixing calculations in the project. (Ticket #265411)

Bug fix: When using Clinical Data Pull in a project, the Project Home page might still load slowly for some projects.

Bug fix: When using a designated email field that exists on a repeating instrument, in which that designated email field is utilized in a CALCTEXT field, it is possible that new repeating instances of that instrument could be suddenly created whenever a user saves data on that data entry form. (Ticket #265430)

Version 15.5.18(released on 2025-10-09)

Bug fix: For some specific server configurations, the External Service Checks on the Configuration Check page might appear to fail sporadically, even though the REDCap server is able to successfully communicate with those services.

Bug fix: In some cases when using MLM on a survey, piped values in the survey instructions were not rendered in the correct language. (Ticket #265045)

Bug fix: When a non-e-Consent PDF Snapshot is being saved to the File Repository and/or File Upload field, fields on the survey that have the HIDDEN action tag might mistakenly not be visible in the resulting PDF Snapshot. Fields with the HIDDEN action tag should only be hidden in PDF Snapshots that are generated via the e-Consent Framework.

Bug fix: When entering numeric choice options without labels into the Choices text box in the Edit Field dialog in the Online Designer, in some cases it may not auto-suggest the coded choice options correctly and thus might mistakenly duplicate some. (Ticket #265074)

Bug fix: When moving a field using the Move icon in the Online Designer, the process might fail with a fatal PHP error if the project is in Draft Mode while in production status. (Ticket #265052)

Version 15.5.17(released on 2025-10-02)

Major bug fix: If the e-Consent Framework is enabled for a survey and the e-Consent setting "Force signature field(s) to be erased if participant clicks Previous Page button while on the certification page?" is enabled, the signature field values would mistakenly not be erased in that situation. Bug emerged in the previous version.

Version 15.5.16(released on 2025-10-02)

Bug fix: CALCTEXT fields utilizing text string related special functions (excluding the "if" and "concat" functions) where a plus sign (+) is used inside quotes in the calculation, an unexpected result might occur. (Ticket #264586)

Bug fix: CDIS users could lose their first action if they were prompted for Single Sign-On (SSO) or two-factor authentication (2FA). This fix ensures that authentication is completed up front in the CDIS patient portal by running a lightweight check as soon as a page is loaded, which triggers the login or 2FA process if needed.

Bug fix: Data entry forms on repeating events were not accessible from the View/Edit Calendar Event popup view. (Ticket #264200)

Bug fix: For CDIS projects, the way EHR access is checked for users in a project has been changed. Previously, projects with CDIS enabled and a large number of users could take an unusually long time to load because of how access was being verified. With this update, access is now checked in a more reliable way, preventing the delays that were occurring. (Ticket #264479)

Bug fix: For some CDIS-related processes, users at institutions without 2FA could get stuck on a blank authentication check page. The CDIS pre-authentication check now properly redirects users back to the patient mapping page regardless of whether their institution uses 2FA or not.

Bug fix: If the Universal DO-NOT-REPLY Email Address is enabled in the system, it was mistakenly not being used as the From address for automated emails sent to participants after clicking "Save & Return Later" on surveys. (Ticket #264435)

Bug fix: In a Twilio- or Mosio-enabled project that has Automated Survey Invitations enabled, the Online Designer might mistakenly display a warning icon saying that an email field has not been designated, even when an ASI is using SMS as the invitation type. In these types of situations, the warnings should not be displayed. (Ticket #263723)

Bug fix: In some extremely rare situations, REDCap's JavaScript-based sanitization process for user-defined text input might mistakenly cause data entry forms and survey pages to never fully load.

Bug fix: In the Online Designer, moving a field to the top of another form might mistakenly result in an error. (Ticket #264470)

Bug fix: It is possible for participants of a multi-page survey to inject valid fields onto the page (using JavaScript in their browser console or using an EM or hook), in which the fields exist on the survey but are not on the current survey page, so that the value of the injected field would get saved. While this is not a security concern, it could cause possible issues downstream in multi-page surveys and is generally not a recommended practice. If this is attempted in the future, REDCap will merely ignore any fields submitted on the survey if they do not exist on the currently-submitted survey page. (Ticket #264152)

Bug fix: On some rare occasions when automated emails are going out to users to notify them that their account will expire soon, it may mistakenly CC a random person who is not the sponsor of the user. Note: Only sponsors should be CC'd on this email. (Ticket #258732)

Bug fix: The documentation for the HIDDEN-PDF action tag has been modified for clarity because it was missing some important information about how in participant-facing PDF

downloads/snapshots, such as e-Consent PDF snapshots, the HIDDEN and HIDDEN-SURVEY action tags will hide fields in the PDF as a way to accurately simulate what the participant saw on the survey page. Whereas in non-participant-facing contexts (e.g., user downloading PDF on data entry form), only the HIDDEN-PDF action tag will hide fields in the resulting PDF. (Ticket #264466)

Bug fix: Utilizing "now" as a min or max range check for a Text field with "HH:MM:SS" or "MM:SS" time validation would have unexpected results or would not work at all on data entry forms and survey pages. (Ticket #264549)

Bug fix: When a participant has completed an e-Consent survey, in which some fields on the survey have the HIDDEN and HIDDEN-SURVEY action tag, those fields would mistakenly be visible in the resulting PDF of the participant's responses that is saved in the File Repository and/or File Upload field. This has been fixed so that the PDF viewed by the participant on the certification screen matches the e-Consent PDF that is stored in REDCap. (Ticket #264466b)

Bug fix: When changing the variable name of a matrix field in the "Edit Matrix" dialog in the Online Designer, in which the matrix field had branching logic, the branching logic would mistakenly get deleted after the variable name change. (Ticket #69589)

Bug fix: When moving a field using the Move icon in the Online Designer, in which the field is being moved to another form that has no fields (excluding the form status field), choosing the option "-- Insert at the top of this form --" would result in an error. However, selecting the "[No existing fields]" option works fine. Since both of those choices effectively are supposed to do the same thing, the "-- Insert at the top of this form --" has simply been removed from the field-list drop-down in the Move dialog to prevent it from being chosen and thus to prevent the user from experiencing the error. (Ticket #264742)

Bug fix: When the REDCap Mobile App is sending data to the server via the API, a form-level data entry permission check for the Mobile App might mistakenly not get completed successfully after the data has been synced. (Ticket #256175b)

Bug fix: When uploading multiple files at the same time to the File Repository, if a file fails to successfully upload for any reason, it would mistakenly stop the whole process and prevent any of the other files in the batch from being uploaded.

Bug fix: When viewing the survey Participant List for a repeating instrument in a longitudinal project, in which the survey being viewed is the first instrument of an event, some (or all) participants might mistakenly not appear in the Participant List. (Ticket #264658)

Version 15.5.15(released on 2025-09-25)

Major security fix: REDCap's system-level "salt" value and project-level "SALT" values could potentially be reverse-engineered via brute force methods by analyzing hashes that are generated for specific features throughout the application. If a malicious user is able to determine the salt values, they could then auto-generate hashes to then use in the URLs of certain REDCap end-points to be able to download potentially any file stored in the REDCap system without being a user in that project and (in certain cases with surveys) without being a REDCap user at all. NOTE: This fix will inevitably affect the record ID hashing feature in data exports, in which record IDs will end up with a different hashed value after this upgrade than from before. This means that if a user clicks the "Hash the Record ID field" option when exporting data or if their user rights dictate that the record ID be automatically hashed, each record ID will result in a different hashed value in the resulting export. This is an unfortunate side effect of this fix that could not be avoided. But after the upgrade, the hashed record ID in the data export will never change again, so this is just a one-time change.

Major security fix: The version of the library DOMPurify that is part of the TinyMCE library has a security vulnerability. The TinyMCE library in REDCap has now been updated to the latest version in order to remediate the issue in the DOMPurify sub-library.

Bug fix: If existing records are detected as being absent in the MyCap Participant List, REDCap will force a refresh of the list invisibly to ensure that all missing records get added to the participant list. (Ticket #262709)

Bug fix: If the "DDP Custom" feature is enabled at the system-level and/or at the project-level for the current project, exporting a project's logging as a CSV file (via the Logging page or via the API) would be unexpectedly slow. (Ticket #264016)

Bug fix: In a MyCap-enabled project, the baseline date warning was mistakenly not appearing in the "Edit Field" popup in the Online Designer for longitudinal projects.

Bug fix: Some informational dialogs (e.g., Smart Variables, Piping) did not honor project-level language settings. (Ticket #263959)

Bug fix: The MyCap Participant Code was not being added to records for fields containing the action tag MC-PARTICIPANT-CODE.

Bug fix: The server-side implementation of the datediff special function might differ slightly from the client-side version (used in branching logic and calculations) when using certain undocumented values for datediff's "returnSignedValue" parameter, such as when using 1, "1", 0, or "0". The official documentation notes that boolean values (or boolean values

wrapped in quotes - e.g., "true") should only be used for that parameter. So while the 0/1 values are still not recommended to use for the "returnSignedValue" parameter, the server-side and client-side implementations now show consistent behavior with regard to those values, if they are used.

Bug fix: Users would be unable to clear MyCap sync issues for missing/invalid participants. In a MyCap-enabled project, if a record is deleted and the participant continues to submit data in the app, a sync issue is created (this is expected). However, there is no way to "clear" or "resolve" the sync issue from the list. A "Fix" button is now provided so that users can click it to clear MyCap sync issues for participants who no longer exist.

Bug fix: When a user has a large number of REDCap Messenger conversations, if the Messenger panel is visible while the user navigates from page to page in REDCap, each page would load very slowly. To prevent this, only the latest 20 conversations are now displayed by default in the Messenger panel. If the user wishes to view the list of all their conversations, they may click the new "View all conversations" link at the bottom of the conversations list.

Bug fix: When a user-defined label (e.g., survey instructions, field label) ends with a "<" character, that character would mistakenly not appear when the text is being displayed on the page. (Ticket #263724)

Bug fix: When creating a project via a Project XML file that has the MyCap feature enabled, the MyCap baseline date field might mistakenly not be selected in the "Baseline Date Settings" section of the Online Designer for longitudinal projects after the project has been created.

Bug fix: When cross-event branching logic or calculations reference a date or datetime field that has a Missing Data Code, the logic/calc might return an unexpected result on the survey page or data entry form. Note: This does not affect server-side logic/calc evaluation (e.g., Data Quality rule H, auto-calculations via data imports). (Ticket #263501)

Bug fix: When the Read Replica feature is being utilized for the REDCap installation, in which users are making calls to certain survey-related API methods (e.g., surveyReturnCode), the API might mistakenly take a long time to return a response or in some cases it might only return a 400 error code.

Bug fix: When uploading an Instrument Zip file in the Online Designer, in which some fields in the instrument.csv file inside the zip file contain illegal characters for the field variable name, which results in a variable name beginning with a numeral after the illegal characters are automatically removed, fields would mistakenly be created in the project with variables beginning with a numeral, which should not be allowed. (Ticket #263896)

Bug fix: When viewing the Project Revision History comparison table to compare different revisions, any labels, branching logic, or calculations that contain the characters "<>" would mistakenly have those characters not appear in the dialog. (Ticket #263724)

Version 15.0.39(released on 2025-09-25)

Major security fix: REDCap's system-level "salt" value and project-level "SALT" values could potentially be reverse-engineered via brute force methods by analyzing hashes that are generated for specific features throughout the application. If a malicious user is able to determine the salt values, they could then auto-generate hashes to then use in the URLs of certain REDCap end-points to be able to download potentially any file stored in the REDCap system without being a user in that project and (in certain cases with surveys) without being a REDCap user at all. NOTE: This fix will inevitably affect the record ID hashing feature in data exports, in which record IDs will end up with a different hashed value after this upgrade than from before. This means that if a user clicks the "Hash the Record ID field" option when exporting data or if their user rights dictate that the record ID be automatically hashed, each record ID will result in a different hashed value in the resulting export. This is an unfortunate side effect of this fix that could not be avoided. But after the upgrade, the hashed record ID in the data export will never change again, so this is just a one-time change.

Major security fix: The version of the library DOMPurify that is part of the TinyMCE library has a security vulnerability. The TinyMCE library in REDCap has now been updated to the latest version in order to remediate the issue in the DOMPurify sub-library.

Version 15.5.14(released on 2025-09-11)

Bug fix: In some situations when the REDCap installation contains auto-incremented Primary Keys in its database tables, a user might not be able to enter Draft Mode in their production project because the Online Designer page would just reload with nothing occurring after clicking the "Enter Draft Mode" button. (Ticket #261202)

Bug fix: Logged events related to Field Comments or to data queries created via the Data Resolution Workflow would mistakenly not get deleted when performing the "Erase all data" action or when moving the project to production while deleting all records. (Ticket #263023)

Bug fix: REDCap was supposed to have supported the "rt" and "rp" HTML tags at the same time that the "ruby" tag was introduced back in REDCap 15.5.6, but those tags were mistakenly not added, in which they are essential to the use of the "ruby" tag. Because of that mistake, support has been added for the "rt" and "rp" tags so that they may be utilized in user input (e.g., field labels, survey instructions). (Ticket #263121)

Bug fix: The "Edit User" dialog on the User Rights page might have incorrect language if the E-signature feature has been disabled at the system level.

Bug fix: When a user is performing a data import of a value into a text field, in which the field was previously a multiple choice field but was later changed to a text field, but the previous multiple choice codings are somehow still present in the Choices/Enum column for that field in the backend metadata database table (which should technically not happen), the data import would mistakenly fail with the message "The value is not a valid category for X".

Bug fix: When a user is renaming an instrument's unique form name on the Online Designer, if the instrument has been enabled as a survey and there is an orphaned row in the redcap_surveys database table whose "form_name" matches the name of the new form name being submitted by the user, a query would fail, thus preventing the instrument renaming process to fail. (Ticket #261786)

Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages to U.S. phone numbers with certain newer area codes, specifically 235, 279, 324, 329, 350, 353, 363, 364, 436, 448, 472, 531, 572, 582, 624, 640, 645, 680, 686, 726, 728, 743, 771, 820, 826, 838 840, 861, 930, 938, 943, 945, 948, 983.

Version 15.5.13(released on 2025-09-04)

Major bug fix: When the Bulk Record Delete page is being used to perform partial record deletion on a record that is locked at the record level, the selected forms would mistakenly have their data deleted within the locked record. Locked records should not be editable in any way.

Bug fix: In repeating instrument tables displayed on the Record Home Page and other places, in which more than 10 instances exist for a given instrument, thus displaying the filter input and icon status filter in the table, the survey response icons would mistakenly be displayed a clickable filters in the table even if surveys are not enabled in the project. Those should not be displayed there unless surveys are enabled in the project. (Ticket #262928)

Bug fix: On the Email Users page in the Control Center, the filters "does not contain", "does not end with", and "is null" might mistakenly not include correct matches for "User Email". (Ticket #262235)

Bug fix: The "pause recurrence" checkbox state for Alerts was not properly updated in all cases when editing an alert.

Bug fix: The Notification Log for Alerts & Notifications might crash with a PHP error depending on a user's date format preference. (Ticket #262695)

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always result in a non-blank value, if a user deletes the data for the whole form or if a user performs a data import to import repeating instances for the field but does not explicitly import instance 1, an empty instance 1 would mistakenly be automatically added if it did not already exist. This bug was only partially fixed in REDCap 15.0.35 LTS and 15.5.5 Standard. (Ticket #262597)

Bug fix: When a participant is taking an adaptive or auto-scoring survey that was imported from the REDCap Shared Library, in which the survey setting "Allow participants to skip questions?" is set to "Yes", the confirmation dialog displayed to the participant when they attempt to skip the question would mistakenly not display the correct text for the "Skip question" and "Go back and enter value" buttons.

Bug fix: When logic is being evaluated (excluding calculations) in which the logic is comparing two field values using the <> operator (e.g., [field1] <> [field2]), the logic should evaluate as False when both fields have blank/null values. However, in that case, they would mistakenly return True. This might cause some specific logic not to evaluate correctly and might return false positives for Data Quality rules. Bug emerged in REDCap 15.0.30 LTS and 15.5.0 Standard. (Ticket #262511)

Bug fix: When sending invitations via "Compose Survey Invitations" (Participant List), the "[Reminder]" prefix in the email subject was mistakenly not replaced with MLM base language overrides. (Ticket #132868)

Bug fix: When the Bulk Record Delete page is being used in a longitudinal project, in which a user chooses to delete data on an instrument that exists on a repeating event, the process would mistakenly crash with a fatal PHP error. (Ticket #260924)

Bug fix: When the Bulk Record Delete page is being used to perform partial record deletion, in some cases when clicking "Select records from a list" in Step 2 after selecting specific forms/events in Step 1, the selections in Step 1 might mistakenly end up being deselected. (Ticket #260924)

Bug fix: When using CDIS, the EHR launch workflow might be severely slowed down by a database query that was not optimized.

Bug fix: When using Multi-Language Management, the User Interface overrides that were set for the base language were mistakenly not displayed any longer. UI text should still override the base language (i.e., what is set in the Language.ini file for the project language)

set on the "Edit Project Settings" page). Bug emerged in REDCap 15.5.9 LTS and 15.6.0 Standard. (Ticket #262684)

Bug fix: When using MyCap, the auto-generated message "#REJOINED PROJECT" received from MyCap participants was mistakenly not getting translated as "Rejoined a Project" for users on the MyCap participant message list and in the message history popup.

Bug fix: When using SMTP for sending emails from REDCap (i.e., not using a third-party transactional email service), in which an outgoing email from REDCap contains a plus sign (e.g., rob+survey2025@gmail.com) in the email's From address, the message might not bounce back correctly to the sender if it bounces. To prevent this issue, the plus sign and any text between the plus sign and the @ sign will be automatically removed when setting the outgoing email's Sender (i.e., Return-Path). (Ticket #262641)

Version 15.5.12(released on 2025-08-28)

Bug fix: If a custom Data Quality rule has logic that contains only a single smart variable and no field variables, the rule might mistakenly not return any results.

Bug fix: If importing data into a project in "columns" format, the import process might fail with a fatal PHP error if the import file contains only the record ID field. (Ticket #262045)

Bug fix: In some edge cases when exporting a project's randomization allocation file, the process might fail with a fatal PHP error. (Ticket #262046)

Bug fix: On the Record Home Page or Record Status Dashboard when clicking a form status "stack" icon (representing a repeating instrument that contains more than one instance of the instrument) for a given record, the user might not be able to navigate into the repeating instrument if the record's record name contains a double quote.

Bug fix: Reports would not get copied correctly when pk_id columns are present in the REDCap database tables. (Ticket #261793)

Bug fix: The "text-to-speech" functionality in survey would mistakenly not work for texts larger than 300 characters. (Ticket #262116)

Bug fix: When an administrator is using the "View project as user" feature, in which the user they are impersonating has expired access to the current project, the admin would not be able to view or access the instruments to which the user should have access for any given record. (Ticket #261919)

Bug fix: When using the "View project as user" admin feature to export data for a report, the export process would mistakenly not respect the impersonated user's data export rights but would behave as if the admin were exporting data as themselves. (Ticket #262025)

Bug fix: When utilizing randomization that is set to automatically trigger based on conditional logic, the "Randomize record" logged event for all randomized records in the project would mistakenly not get deleted when performing the "Erase all data" action while in development or when moving the project to production while deleting all records. (Ticket #262408)

Version 15.5.11(released on 2025-08-22)

Critical bug fix: The previous LTS version (15.5.10) was mistakenly not released correctly and was actually identical to 15.0.38. If you already upgraded to 15.5.10 from any version of 15.0.X, we recommend you run the SQL query "UPDATE redcap_config SET value = '15.0.XX' WHERE field_name = 'redcap_version';" on your database server (changing 15.0.XX to the version you upgraded from), and then perform the upgrade to 15.5.11. NOTE: This issue only affects v15.5.10.

Version 15.5.10(released on 2025-08-21)

Major bug fix: Due to an issue with internal data caching during the evaluation of REDCap logic, in certain rare occurrences some Alerts and ASIs might mistakenly not get triggered as expected when submitting a form or survey page. Bug emerged in REDCap 15.0.35 LTS and 15.5.5 Standard. (Ticket #261661)

Major bug fix: If data is being imported using the background import process, whether via API or on the Data Import Tool page, some of the data might quietly not get imported (with no error) if the data being imported is not grouped by record but instead the records are out of order in the data file (i.e., if importing multiple rows of data for a given record). (Ticket #261701)

Bug fix/change: If MySQL 8.4.0 or higher is being used and the MySQL setting "restrict_fk_on_non_standard_key" is set to ON, which is the default value for MySQL 8.4.0+, the Configuration Check page will now recommend that the setting be set to OFF for compatibility purposes. Some things might not function correctly in REDCap if that setting is left as ON. This does not affect MariaDB and does not affect any MySQL versions prior to 8.4.0.

Bug fix: If CDIS, specifically CDP, is enabled in a project, certain pages that utilize features of CDP, such as the Record Status Dashboard, might mistakenly fail to load and result in a white screen for some users. This is dependent on specific PHP versions or configurations.

Bug fix: If a report contains no valid/currently-existing fields, the report would mistakenly display all the fields in the project. If this happens going forward, as a fallback, it will instead only display the record ID field in the report. (Ticket #261700)

Bug fix: If utilizing randomization in a project that has Data Access Groups and is also using Missing Data Codes, the randomization dialog would mistakenly list the Missing Data Codes as choices in the DAG drop-down field in the dialog. (Ticket #261846)

Bug fix: The Smart Variables documentation was mistakenly listing Smart Variables related to the "Rewards" feature, which is not a feature that has been released yet in REDCap.

Bug fix: Users could mistakenly perform the CDP adjudication data fetch process when a project is in Analysis/Cleanup status. (Ticket #260920)

Bug fix: Users with a large amount of unread System Notifications or General Notifications in REDCap Messenger might experience every page in REDCap to be somewhat slower than expected.

Bug fix: When copying a project that utilizes user roles, in which the users of the project are being copied but the roles are not being copied, any users in the resulting new project that were previously in a role would mistakenly not end up with the rights of their role from the original project. (Ticket #261784)

Bug fix: When piping form status fields on a form or survey page, they might not pipe as a blank/"" value even when they have no value (i.e., when the form has a gray status icon).

Bug fix: When the filter logic for a report or a Custom Record Status Dashboard references form status fields as having a blank/"" value (e.g., [form1_complete] = ""), the dashboard/report might mistakenly not return the correct filtered results. (Ticket #259042b)

Bug fix: When using the "Import Records" API method or REDCap::saveData() to import data in EAV format, in which the project is not longitudinal but the data payload includes the column "redcap_event_name" with a blank value, which is typically fine because it is ignored, the values of the fields being imported might mistakenly not get saved during the import process and the logging might not be correct, especially if the field values being imported are blank/"" and the API parameter "overwriteBehavior" is set to "overwrite". (Ticket #261232)

Version 15.5.9(released on 2025-08-14)

Medium security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on the Descriptive Popups page when adding/edit a descriptive popup, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the link text of a descriptive popup. This vulnerability can only be exploited by authenticated users that have Project Design/Setup privileges. Bug exists in REDCap 14.8.0 and higher.

Major bug fix: Importing of CSV files with data from more than one repeating form would mistakenly fail to import. (Ticket #260874)

Bug fix: A cookie that is used only during REDCap's authentication process (i.e., the cookie does not persist after the login has occurred) was mistakenly not getting the normal cookie attributes that are received by all other cookies in the application.

Bug fix: A warning popup would appear saying "Language not supported for MyCap app" for all language codes on the MLM setup page in MyCap-enabled projects.

Bug fix: Gracefully handle the situation when the REDCap Base URL is lacking a protocol (http/https). (Ticket #259889, #261035, #256588)

Bug fix: In longitudinal MyCap-enabled projects, the Baseline Date field would mistakenly not be displayed for any participants in the MyCap Participant List.

Bug fix: In some edge cases when using LDAP authentication, REDCap would not be able to communicate successfully with the LDAP server. (Ticket #261275)

Bug fix: MyCap participants would mistakenly still be able to join a project and complete tasks in their MyCap app even if MyCap is disabled in the project, if the project has been deleted (within the 30-day grace period), or if the project is marked as "Complete".

Bug fix: Some PDF downloads and PDF Snapshots of e-Consent survey responses would mistakenly display the text "Type:" before the "Custom tag/category" text in the PDF's footer. It should not say "Type" in the footer as that was a legacy feature called "Type" custom text in the e-Consent Framework that was replaced with the "Custom tag/category" text. (Ticket #260831)

Bug fix: Some browsers might report a console error due to a JavaScript Map file missing. (Ticket #261117)

Bug fix: Some of the language on various project pages was mistakenly not translatable via an INI language file. (Ticket #252409b)

Bug fix: The PDF export of an instrument with data would fail with a fatal PHP error if a slider field on the instrument has its min and max set to the same value. (Ticket #261413)

Bug fix: The QuickEdit dialog in the Online Designer mistakenly allowed matrix fields to be moved outside of the matrix group, leading to unpredictable/unwanted side effects. (Ticket #260880)

Bug fix: The link to the "URL Shortener" page on the Control Center's left-hand menu was mistakenly governed by the "URL shortening service" setting on the Modules/Services

Configuration page. That setting was only meant to govern the use of the service within projects, and thus it should not apply to the Control Center's URL Shortener page, which should always be visible and available to administrators. (Ticket #261457)

Bug fix: The project purpose filter on the Email Users page might not work as expected. (Ticket #260816)

Bug fix: Updated some text in the "Allow participants to download a PDF of their responses at end of survey?" section of the Survey Settings page because the text was incorrect/misleading.

Bug fix: Users would be unable to save the MyCap setting "Additional Setting: Custom Event Label" as anything other than a "None" value for longitudinal projects.

Bug fix: When a survey invitation is scheduled via an ASI in a longitudinal project, and then before the invitation is sent, the survey instrument is undesignated for that specific event (thus nullifying the ASI), the scheduled invitation would mistakenly still get sent to the participant at its scheduled time. (Ticket #261418)

Bug fix: When calculated fields from the same form are piped into dropdown choices, an infinite loop of server requests could happen that could lead to the user being banned. (Ticket #260699)

Bug fix: When performing a synchronous data import with the Data Import Tool, a JavaScript error was shown in the browser console (but the import still worked).

Bug fix: When randomization is being used in a project and an administrator uses the Auto-fill feature on a form or survey where the randomization field is located, the Auto-fill process would mistakenly give the randomization field a value, which could mess up the randomization allocation process for the record. (Ticket #261345)

Bug fix: When the MLM base language is set after some translations or overrides were already added, these mistakenly (and very confusingly) would show up on data entry and survey pages. (Ticket #260994)

Bug fix: When using Double Data Entry in a project, if the current user is DDE person 1 or 2, clicking on some form status icons on the Record Status Dashboard or Record Home Page would not lead to the expected record but instead would take the user to the Record Home Page and say that a new record is being created. (Ticket #260384)

Bug fix: When using an inline consent form for the e-Consent framework, if the Descriptive field where the consent form is displayed has text containing angle brackets (< or >), there

is a chance that it may cause the text to be mangled or truncated when output to the REDCap-generated PDF, whether a PDF download or PDF Snapshot. (Ticket #261124)

Bug fix: When using the Bulk Record Delete feature to perform partial deletions of a record (i.e., specific forms) in a multi-arm longitudinal project, the logging page would mistakenly not list the correct arm/event for the deletion event if the deletion is being performed on an arm other than the first arm.

Bug fix: When using the Data Resolution Workflow and creating data queries on the Data Quality page for calc/CALCTEXT fields after running Rule H, if the user clicked the "Fix calcs now" button in the dialog, it would mistakenly not exclude fields that have a data query with "Closed" or "Verified" status. (Ticket #259773)

Version 15.0.38(released on 2025-08-14)

Medium security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on the Descriptive Popups page when adding/edit a descriptive popup, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the link text of a descriptive popup. This vulnerability can only be exploited by authenticated users that have Project Design/Setup privileges. Bug exists in REDCap 14.8.0 and higher.

Version 15.0.37(released on 2025-08-02)

Major/near-critical bug fix: Data Quality rule H and auto-calculations (i.e, calcs performed via data imports) might mistakenly not perform calculations for calc/CALCTEXT fields in longitudinal projects unless the fields exist on a repeating instrument or repeating event. Bug emerged in the previous version.

Version 15.5.8(released on 2025-08-01)

Major bug fix: Data Quality rule H and auto-calculations (i.e, calcs performed via data imports) might mistakenly not perform calculations for calc/CALCTEXT fields in longitudinal projects unless the fields exist on a repeating instrument or repeating event.

Bug fix: If any HTML tags are entered into a calendar event's Notes field on the Calendar page, reopening the calendar event for editing would cause all HTML tags in the Notes text to be stripped out when re-displaying the text in the calendar popup.

Version 15.5.7(released on 2025-07-31)

New LTS branch based off of REDCap 15.5.6 (Standard).

Note: Please see the Standard Release ChangeLog for the full list of new features and changes released between the previous LTS and this new LTS branch.

Version 15.0.36(released on 2025-07-31)

Major bug fix: Any surveys that are Adaptive or Auto-scoring assessments that have been downloaded from the REDCap Shared Library would load initially but could not have any responses saved. If the participant clicked the Save/Next Page button on the survey, the progress icon would spin forever, and the response would not be saved. Bug emerged in the previous version.

Bug fix/change: If a user is importing data (via API, Data Import Tool, REDCap::saveData) for a form status field, in which the field's stored value is blank/null and the value being imported is also blank/null, the import process would mistakenly leave the form status field with a blank value, which could be confusing if other fields on the form have data because it would cause the form to have a red status icon but no actual value for the form status field. To prevent this situation going forward, the form status field's value will always default to "0" in the case that its imported value is blank and its current stored value is also blank. Additionally, if the form status field is not even included in the data import file and the form status field has no stored value in the project yet, the form status field's value will be saved with a default "0" value if any field values are being modified during the import process for that form (excluding calc fields). (Ticket #260194)

Bug fix: If the setting "Automatically display inline PDF attachments for Descriptive Text fields inside a resulting PDF download of an instrument/survey?" is Disabled on the "Modules/Services Configuration" page in the Control Center, the Configuration Check page will not check whether the iMagick PHP extension is installed on the web server. (Ticket #260520)

Bug fix: On the MyCap Configuration Check page, if the testEndpoint API call is returned as "OK" (HTTP Status code 200) but it does not receive a valid/correct JSON payload (this is specific to some servers), the testEndpoint API call will be noted as having failed so that it does not continue to execute the secondary tests on the page.

Bug fix: The process of uploading an allocation table CSV file on the Randomization page was unnecessarily slow for larger sized allocation tables. (Ticket #260453)

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always result in a non-blank value, if a user performs a data import to

import repeating instances for the field but does not explicitly import instance #1, an empty instance #1 would mistakenly be automatically added during the import process if it did not already exist. (Ticket #260321)

Bug fix: When copying a MyCap-enabled longitudinal project, the process would mistakenly copy inactive MyCap task schedules to the new project when only active task schedules should get copied.

Bug fix: When selecting "Project Owners" on the Email Users page in the Control Center, in certain situations emails might mistakenly not get sent to all users that are project owners. Note: This issue does not affect the latest Standard Release. (Ticket #249366b)

Bug fix: When selecting the Record ID field as a Live Filter on a report in certain types of projects, the report might not always return the record that was selected from the Live Filter drop-down.

Bug fix: When using the Bulk Record Delete page in longitudinal projects that have multiple arms, if the "Delete entire records" option is selected, the page would mistakenly not display a drop-down to select a specific arm but would instead only allow you to delete records from the first arm. Thus, it was not possible to delete records on any arms except the first arm.

Version 15.0.35(released on 2025-07-24)

Bug fix/change: For MyCap-enabled projects, the researchKit documentation URLs were replaced with the new PDF documentation URLs that are located on projectredcap.org, and the individual Active Task help links were removed because those URLs are not needed now due to this change.

Bug fix: If a form status field is used in a calc/CALCTEXT field or in branching logic on the same form where the form status field exists, changing the value of the form status field would mistakenly not trigger in real time the calcs/branching that reference it. Bug emerged in REDCap 15.0.30 LTS and 15.5.0 Standard. (Ticket #259985)

Bug fix: If a survey is set so that the Submit buttons will always be hidden, there might be ways of triggering the survey submission using JavaScript or other means. This will now be prevented so that no survey submissions are possible. (Ticket #217159b)

Bug fix: If the [scatter-plot] smart variable is used with two or three fields as parameters, the x-axis field label would mistakenly not be displayed in the smart chart.

Bug fix: In longitudinal projects that contain a very large amount of events (e.g., >1000), the processing of certain logic, including calculated fields, could get overloaded and lead to calculation errors or logic errors on a data entry form or survey page.

Bug fix: Randomization might mistakenly fail and result in an inconsistent state if one of the strata field values is in violation of a custom data quality rule that has real-time execution enabled. (Ticket #260238)

Bug fix: SJIS-encoded CSV data would mistakenly fail to import properly into a project and would result in the data being mangled and non-readable in the project. (Ticket #255158)

Bug fix: Some baseline date issues exist for MyCap-enabled projects. Each time the MyCap instruction steps are saved (without any changes) from an additional setting popup, it would enable the "Publish" button. When the baseline date field is updated, there is no need to publish changes, thus there is no need to ask for confirmation upon saving.

Bug fix: Some text was missing from the instructions on the CDISC ODM tab of the Data Import Tool page.

Bug fix: The "Fix Issues" button still appears in the Online Designer for MyCap-enabled projects if Battery instruments are added (and not enabled for MyCap).

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument and the calculation is set to always return a non-blank value, in which the first repeating instance for that repeating instrument is being deleted via data entry form when no other repeating instances exist for that instrument, that first instance might suddenly get recreated during the process of deleting it. Thus, the first instance is never able to be deleted. (Ticket #257203)

Bug fix: When a user chooses to erase all data in a development project or moves the project to production while deleting all data, any "Lock/Unlock Record" events on the project logging page would fail to be removed during this process. (Ticket #259787)

Bug fix: When a user is suspended but attempts to log in to REDCap, the system would mistakenly set the user's "last login time" during the attempt, which could be confusing to an administrator looking at their account details since they are suspended. This only occurs for certain authentication methods. Going forward, it will set a user's "last login time" during a login attempt only if they are not suspended. (Ticket #260052)

Bug fix: When using "LDAP" or "LDAP & Table-based" authentication, some previously working LDAP configurations would no longer work successfully anymore without modifications to the ldap_config.php file. Bug emerged in REDCap 15.2.1. (Ticket #251495, #254589, #259966)

Bug fix: When using CDIS, the CDIS Mapping Helper tool might occasionally crash due to missing data. (Ticket #259746)

Bug fix: When using certain outgoing email services (e.g., SendGrid), any email sent from REDCap that contains an email address that is duplicated in the To field would fail to send.

Version 15.0.34(released on 2025-07-17)

Bug fix: Much of the text displayed for the locking/unlocking process on a data entry form was mistakenly not abstracted and thus could not be translated using language INI files or using Multi-Language Management. (Ticket #259567)

Bug fix: Some JavaScript functions used for piping were not optimized well and could cause the piping process to possibly be slow in some cases. (Ticket #259064b)

Bug fix: When an administrator is changing settings on the Edit Project Settings page for a given project, the resulting logged event of the changes (which is only accessible on the User Activity Log page in the Control Center) would mistakenly not note the PID of the project whose settings were modified, thus making it difficult to determine to what project the logged event belonged.

Bug fix: When navigating to the Online Designer in a MyCap-enabled project that contains many records (e.g., several thousand or more), the Online Designer page might take an unnecessarily long time to load.

Version 15.0.33(released on 2025-07-14)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on data entry forms and survey pages, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This vulnerability can be exploited by authenticated users and also by survey participants entering data. Bug exists in all REDCap versions.

Bug fix: When creating reports that use a form status field as a report filter, the "simple logic (choose fields from list)" user interface in Step 3 would mistakenly not provide a "blank" value option as a choice in the drop-down for the form status field.

Version 15.0.32(released on 2025-07-13)

Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is saved via specific REDCap endpoints or is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.

Major security fix: An SQL Injection vulnerability was found in the AI feature "Summarize free-form text data on reports", in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.

Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Control Center CDIS setup page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into a POST request. This can be exploited only by REDCap administrators that are currently logged in. Bug exists in REDCap versions 14.1.0 and higher.

Bug fix: When uploading a Project XML file to create a new project that contains repeating instruments, in some rare cases the process might mistakenly stop and result in an error saying "ERROR: Trying to import repeat instance/instrument fields", which is confusing.

Version 15.0.31(released on 2025-07-10)

Bug fix: If the "File Upload Settings" page's system-level setting "Allow file attachments to be uploaded for data queries in the Data Resolution Workflow" is set to "Disabled", the DRW dialog in a project would still display the option to allow users to upload a file for an opened data query, even though the file upload process would fail when attempted. (Ticket #259107)

Bug fix: In longitudinal projects containing repeating events that have CALCTEXT fields or calculated fields whose calc references a field on a repeating event that currently contains no data, server-side calculations of the field might mistakenly return an incorrect value, thus leading to a perpetual red-bar on the CALCTEXT/calc field when saving the data entry form where the field is located. Bug emerged in REDCap 15.0.28 LTS and 15.4.4 Standard. (Ticket #259154)

Bug fix: On the MLM setup page, pasting the default text into the rich text editor would not work in some cases, such as for custom survey queue messages. Also, accepting a translation as still valid did not reset the UI. Additionally, the tooltip for the export form button was missing.

Bug fix: Some JavaScript functions used for piping were not optimized well and could cause the piping process to possibly be slow in some cases. (Ticket #259064)

Bug fix: The MLM action tag LANGUAGE-MENU-STATIC did not work as expected on multi-page surveys. It now only affects the page to which it is applied.

Bug fix: The UI icon on the MLM setup page mistakenly did not reflect a language's subscription status.

Bug fix: There was an inconsistency when evaluating logic for report filters, custom data quality rules, and custom record status dashboards with regard to how blank/null values are considered in comparison to incomplete values for form status fields. (Ticket #259042)

Bug fix: Using the "Move field" action would fail and would mistakenly create a new instrument when attempting to move a field in a matrix group to the top position of its matrix group while the project is in draft mode. (Ticket #259162)

Bug fix: When taking a survey that contains enhanced checkbox fields while using a mobile device, deselecting an already-selected checkbox would mistakenly cause it to retain its background color, thus appearing to still be selected when it is not. (Ticket #258971)

Version 15.0.30(released on 2025-07-03)

Bug fix: If calculations, CALCTEXT, or branching logic references the form status field for the current form, in which the form currently has a gray status icon, the calc/logic would return an inconsistent value for the form status field compared to when the same calc/logic is utilized on another instrument or on the survey version of the current instrument. In this case, the current form would mistakenly report the form status value as being "0", while other forms would report it to be blank. Going forward, if the form has a gray status icon, all references to the form's form status field will report it as having a blank value.

Bug fix: Users with form-level Data Export Rights that are "De-identified" or "Remove All Identifier Fields" would mistakenly see data from identifier fields inside the header or footer of a downloaded PDF from an e-Consent survey if the survey's e-Consent settings have a field selected for first name, last name, or date of birth or if one or more identifier fields are piped into the "Custom label for PDF header" e-Consent setting. It should instead display the text "[DATA REMOVED]" in place of the identifier field data in the PDF header/footer in this case. (Ticket #258954)

Bug fix: When MLM is active, SQL field choices and their selected value might not render correctly in instrument PDFs. (Ticket #258463)

Bug fix: When downloading a project's data dictionary, depending on the user's CSV Delimiter preference set on their user profile page, the process would fail with a fatal PHP error. (Ticket #258630)

Bug fix: When logic is being evaluated in a project that has Missing Data Codes defined, in which a field in the logic is a multiple choice field with a numeric coding for every choice, if

none of the Missing Data codes in the project are numeric, then the logic might not evaluate as expected if the multiple choice field's value for a given record is a Missing Data Code. (Ticket #258516)

Bug fix: When using a Text Box field with date, time, datetime, or datetime w/ seconds validation as the x-axis field for a [scatter-plot] or [line-chart] Smart Chart, the chart would mistakenly not display the data correctly. Bug emerged in REDCap 14.8.1. (Ticket #107721b)

Bug fix: When using the "Copy instrument" option in the "Instrument actions" drop-down in the Online Designer for a given instrument, if the project language is set to "Japanese", any text labels in the instrument that have Japanese (Shift-JIS) encoding would mistakenly become corrupt in the new instrument created. (Ticket #258729)

Version 15.0.29(released on 2025-06-26)

Major security fix: An SQL Injection vulnerability was found on the Survey Settings page, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users. Bug exists in all versions of REDCap.

Major bug fix: The third-party library PDFJS (used for inline PDF display in REDCap) contained .mjs files, which are supported by modern browsers but might not be able to be served correctly by some web servers (depending on the server's default MIME type table). The library has been modified so that the .mjs files were renamed to a .js extension to be fully compatible with all web servers.

Bug fix: For projects whose project language is set to "Japanese", the footer text of PDFs exported from the project would mistakenly not be displayed correctly as Japanese/SJIS text. (Ticket #258558)

Bug fix: In certain cases when MLM is enabled and a Secondary Unique Field is hidden by branching logic, the SUF would mistakenly end up being readonly/not editable. (Ticket #252602)

Bug fix: In most cases, the server-side processing of REDCap logic would not be able to evaluate a form status complete field's value properly if the form had a gray icon form status (i.e., no data). Going forward, users will now be able to properly reference the blank/null value (e.g., [form1_complete] = ""). (Ticket #258216)

Bug fix: On the MLM setup page, the "Create Snapshot" button was mistakenly not disabled when there are no saved languages.

Bug fix: Some Form Display Logic rules might not get interpreted correctly if any rules contain a comment at the end of their logic. (Ticket #258553)

Bug fix: The MyCap "unresolved sync issues" count was mistakenly not included in the "all notifications count" that is displayed for the "MyCap Participant Management" link on the left-hand project menu.

Bug fix: When a required field is reset through server-side validation on a survey, REDCap might mistakenly mark the survey as completed. (Ticket #257378)

Bug fix: When a user triggers a PDF Snapshot, in which the user has "No Access" Data Export Rights for some instruments to be included inside the snapshot, those instruments to which they do not have data export rights will mistakenly not be included in the resulting snapshot that gets saved in the project. (Ticket #258337)

Bug fix: When using Entra ID authentication, in which Microsoft's multi-factor authentication is being imposed via Entra ID, if a user's status somehow changes from on-VPN to off-VPN (or vice versa) during their REDCap session, it could result in a confusing fatal PHP error message. There's no way to prevent this issue on the REDCap side, but going forward, it will fail more gracefully by just allowing the user to log in again.

Bug fix: When using Twilio or Mosio to send survey invitations via SMS, in which the option "SMS invitation (take survey via SMS conversation)" is selected for the outgoing invitations for surveys, if subsequent invitations are sent before the participant is able to complete the previous ones, then when the participant enters their survey responses, it would mistakenly get saved to the last survey invitation sent. This behavior should only occur when the "Behavior for overlapping SMS invitations" setting is set to "Use only most recent invitation (ignore previously sent invitations)", but it was happening for all behavior options. (Ticket #257669)

Bug fix: When utilizing the locking and e-signature features on an instrument that has the e-Consent Framework enabled, if the instrument has already been completed as an e-Consent survey and then a user locked the instrument afterward, a user then attempting to e-sign the instrument will get an error message saying that the page could not be saved. In this case, the page should not be submitted/saved at all (since no data is allowed to change on the e-Consent response) but it should only be e-signed and then reloaded to reflect the e-signed state. (Ticket #258264)

Version 15.0.28(released on 2025-06-19)

Major security fix: The third-party library named PDFJS contained a vulnerability that would allow arbitrary JavaScript execution. The PDFJS library in REDCap was upgraded to a non-

vulnerable version. This vulnerability can be exploited by authenticated users and also by survey participants. Bug exists in REDCap versions 14.3.4 and higher.

Major bug fix: In calculations where a variable is compared to a numerical value or another field variable using the "<" or "<=" operator, in which the field value being referenced is blank/null - e.g., "if([v1] < 5, [v1], 0)", the calculation might mistakenly not return the correct result. Bug emerged in 15.0.25 LTS and 15.4.1 Standard. (Ticket #257705)

Bug fix: Further issues fixed for when opening certain dialogs on various pages might mistakenly cause the page to scroll up or down on its own.

Bug fix: If certain MyCap-related Smart Variables are piped inside the body of an alert or ASI, it might cause the REDCap cron job to fail with a fatal PHP error and not finish when trying to send out alerts or survey invitations. (Ticket #257796)

Bug fix: In certain cases, the MLM setup page might fail to load correctly. (Ticket #118463)

Bug fix: In certain places in REDCap, such as when viewing the Field Comment Log, the page might crash with a fatal PHP error if the content of the Field Comment Log is in a certain or unknown encoding. (Ticket #257616)

Bug fix: In some cases where calculations depended on the results of other calculations, REDCap failed to be able to complete the downstream calculations. (Ticket #258068)

Bug fix: In some cases, calculated fields did not have their value updated as expected when some of their dependent variables were hidden by branching logic. (Ticket #258068)

Bug fix: In very specific situations, Data Quality rule B might mistakenly not return all results for some fields that exist on repeating instruments and contain branching logic that references fields on the same repeating instrument or another repeating instrument. (Ticket #257170)

Bug fix: On a survey with "Large" or "Very Large" text size, if a checkbox field is embedded into a multiple choice option and has Left/Horizontal or Right/Horizontal alignment, the embedded checkbox option would mistakenly be slightly cut-off on the page. (Ticket #257427)

Bug fix: Some of the extra logging details seen in the past on the Logging page for File Repository operations were mistakenly no longer displayed on the page. (Ticket #257587)

Bug fix: Surveys taken on mobile devices would mistakenly auto-scroll when a hidden multiple choice field's value was preset (e.g., through a URL parameter).

Bug fix: There were inconsistencies in specific parts of the rendering of PDFs (e.g., font styles, spacing).

Bug fix: When Rapid Retrieval is enabled in the system and the Rapid Retrieval caching process attempts to store large or complex data structures, the process may result in memory exhaustion or serialization failure, leading to fatal PHP errors.

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always return a non-blank value, if the field exists on an event that has no data for the current record, the first instance of the repeating instrument might suddenly get created on the event with no data when entering data on another event during the data entry process. (Ticket #257848)

Bug fix: When a field with "Number (comma as decimal)" field validation is used in a calc or CALCTEXT field's calculation, it might cause server-side calculations, such as data imports and Data Quality rule H, to mistakenly not return a correct response. (Ticket #258159)

Bug fix: When copying a report that has one or more custom AI prompts saved for the report, the copy process would fail with an error. (Ticket #257485)

Bug fix: When exiting Draft Mode when a project is in production status when MLM is being utilized, some MLM queries might fail and cause lasting issues in the project if the REDCap installation has had the auto-incremented Primary Key added to all database tables. (Ticket #257782)

Bug fix: When using DDP Custom, the DDP mapping page might not load in certain situations. Additionally, some issues might occur on the page when using a proxy with DDP Custom. (Ticket #257937)

Bug fix: When using any "X & Table-based" authentication method together with Two-Factor Authentication enabled in REDCap, in which the "Enforce two-factor authentication ONLY for Table-based users" setting is set to "Yes" and the "Enable the Google/Microsoft Authenticator app option for 2FA" setting is enabled, the QR code and setup procedure information for setting up the Authenticator app would mistakenly not be displayed to non-Table-based users on the user's Profile page, even when the "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password" setting is enabled. Bug emerged in REDCap 14.5.37 LTS and 15.0.3 Standard. (Ticket #257117)

Bug fix: When using inline comments inside the calculation of a calculated field during a data dictionary import, the calculation might mistakenly not get parsed correctly, thus causing the CSV upload to fail due to an error. (Ticket #257733)

Bug fix: When using min(), max(), stdev(), and other similar mathematical functions, in which one or more parameters used in the function is a blank value, there are certain cases where the function might mistakenly return a blank value instead of the expected value.

Bug fix: When using the "Test logic with a record" feature in several places throughout REDCap, in which the logic contains one or more smart variables but does not contain any field variables, the response might be incorrect. (Ticket #257698)

Bug fix: When using the 2FA setting "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password", in which Twilio SMS is enabled as a 2FA option but the user does not have a mobile phone number provided in their REDCap user profile, the "Obtain PIN via SMS" button in the e-Signature dialog would mistakenly be clickable when performing an e-Signature on a data entry form. In this case, clicking the button would fail and display an error. Now, it instead just keeps the button disabled until a mobile phone number has been provided in the user's profile.

Version 15.0.27(released on 2025-06-12)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into any user input that is then output on a page in REDCap (e.g., field labels, survey instructions, survey response data displayed on a report). This vulnerability can be exploited by authenticated users and also by survey participants entering data. Bug exists in all REDCap versions.

Bug fix: In certain cases with a CALCTEXT field, a plus or minus sign would mistakenly be replaced by "1+1" in the CALCTEXT result. (Ticket #257373)

Bug fix: In certain rare situations, the Notifications Log page for Alerts might mistakenly crash with a fatal PHP error. (Ticket #257207)

Bug fix: When copying a project that has the Secondary Unique Field enabled, the SUF sub-settings (as seen in the Additional Customizations dialog on the Project Setup page) would mistakenly not get copied to the new project. (Ticket #257095)

Bug fix: When opening and then closing the Additional Customizations dialog on the Project Setup page without saving any changes to settings in the dialog, the values of the settings inside the dialog would mistakenly not reset to their initial values when re-opening the dialog again later, unless the page is refreshed. (Ticket #257095)

Bug fix: When using Clinical Data Pull for CDIS, the record_identifier_external value has been updated to use a default when the expected data is missing-often due to a mapping issue. This caused display problems in the CDP adjudication table.

Version 15.0.26(released on 2025-05-29)

Major security fix: The third-party library named Axios contained a Server-Side Request Forgery (SSRF) vulnerability. The Axios library in REDCap was upgraded to a non-vulnerable version. This can only be exploited by an authenticated user.

Major bug fix: When using randomization in a longitudinal project with multiple arms, in which a record is deleted after being randomized, the record's allocation in the allocation table would mistakenly not get removed when the record is deleted. Thus, its allocation would not be freed up to be utilized by another record later. Additionally, if a new record was created with the same name as the deleted record, it would show the new record as having been randomized on the data entry form and on the randomization dashboard when in fact that new record had not been randomized. Bug emerged in REDCap 14.7.0. (Ticket #256870)

Bug fix: Certain drop-downs throughout REDCap (e.g., field drop-downs on the Randomization setup page) might become unwieldy if the drop-down option label is too long. (Ticket #256772)

Bug fix: In a longitudinal project that has calculations that reference fields on repeating instruments for various events, in which those fields exist on events that do not yet have any data for a given record, the calculation might mistakenly return a blank value rather than the correct value. (Ticket #255308)

Bug fix: The Control Center would mistakenly display a false positive saying that there are issues with the database structure. This would occur in REDCap installations that have not performed the Unicode Transformation process yet and are using MySQL with the UTFMB3 character set for their REDCap database tables. Bug emerged in the previous version. (Ticket #256653)

Bug fix: The data search feature on the Add/Edit Records page might return display artifacts and thus will not display correctly if fields contain HTML tags in their data values.

Bug fix: When syncing data back to the server from the REDCap Mobile App, in certain situations a fatal PHP error might occur that would result in an error message in the mobile app, which would stop the sync process. (Ticket #256175)

Bug fix: When using Clinical Data Pull in CDIS, in which REDCap is launched from the EHR and tries to fetch patient data, rare lookup failures could result in an unhandled error and abort the launch.

Bug fix: When using DDP Custom, empty or invalid API responses to the DDP web services would not fail gracefully but would result in a fatal PHP error. They now return an appropriate error message. (Ticket #256604)

Bug fix: When using certain outgoing email services (e.g., SendGrid), any email sent from REDCap that contains an email address that is duplicated in the To, CC, or BCC address fields would fail to send.

Bug fix: When using randomization smart variables that do not have a ":n" appended to them (e.g., [rand-time]), server-side logic parsing (e.g., ASIs, Alerts, Survey Queue) would fail to interpret the logic correctly and might return unexpected results. Bug emerged in REDCap 14.7.0. (Ticket #256543)

Bug fix: When using the e-Consent Framework with certain types of PDF files as the consent form, there is the possibility that the PDF consent form might be truncated when added to the REDCap-generated PDF that is stored in the File Repository afterward. (Ticket #255741b)

EM Framework related bug fixes: Fixed API from returning incorrect value to modules. Fixed buttons not working in module settings. Fix for displaying files uploaded to rich text settings. Fixed a bug preventing files without extensions from getting excluded when setting imports and exports.

Standard Release Notes

Version 16

Version 16.1.0(released on 2026-02-05)

Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is saved via specific REDCap endpoints or is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.

New feature: The "Edit Project Settings" page for a given project now contains a project-level override for the system-level setting "File Repository upload max file size", which dictates the maximum file size of individual files uploaded by users to the File Repository.

Major bug fix: The upgrade page would mistakenly not load due to a fatal PHP error when using PHP 8.4 or 8.5. (Ticket #271237)

Bug fix: If a project contains more than 5000 records, the Data Quality page would mistakenly not display the record filter text box at the top of the DQ rules table. Bug emerged in REDCap 16.0.7. (Ticket #271510)

Bug fix: In some server environments that wrap the client's IP address in square brackets, the IP address would mistakenly not get stored in the redcap_log_view database table appropriately.

Bug fix: On Access Control Groups upload/creation via the CSV file import feature, the review changes confirmation dialog inaccurately catalogs changes for the API and Randomization privileges. This PR addresses the issue by fixing underlying root cause and making sure that the current and proposed changes in the ACG confirmation dialog via CSV upload are accurately displayed. (Ticket #270271)

Bug fix: The instructions for "Custom Surveys for Project Status Transitions" feature on the User Settings page in the Control Center was missing some important information. It failed to mention that these surveys are required to be one-page public surveys and that they cannot utilize the Survey Queue, Survey Auto-Continue, or Redirect features at the end of a survey. (Ticket #271193)

Bug fix: When using the CSV file import feature to create new Access Control Groups, and when the Group IDs for these new groups are manually specified (though they need not be, as they were intended to be generated automatically), a success confirmation message is

imparted even though the creation of the new groups actually did not succeed. This PR addresses the issue and allows users to create new groups with manually-specified Group ID values that must start with the prefix G- and not exceed 15 total characters. (Ticket #270270)

Bug fix: When using the optional feature that adds primary keys to all REDCap database tables that do not have an explicit primary key column already defined, INSERT queries to the "redcap_ip_cache" database table would always fail.

Version 16.0.9(released on 2026-01-29)

Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by uploading a PDF that contains dangerous JavaScript onto a REDCap page that embeds the PDF using the browser's built-in PDF viewer, such as when using the INLINE action tag on a File Upload field. To prevent this, REDCap now always prevents the usage of the browser's built-in PDF viewer and instead always forces the usage of the built-in PDF viewer, which does not allow JavaScript injection via PDF. This can be exploited by authenticated users and also by survey participants. Bug exists in all versions of REDCap.

Accessibility improvement: Keyboard users are now able to navigate to the date/time-picker for date/time fields on surveys and forms. Previously, they were not able to do so because tabbing would skip over the date/time-picker entirely. Additionally, screenreader users are now able to navigate inside the date/time-picker.

Accessibility improvement: Some issues with regard to the usage of HTML "BR" tags in field labels on forms and surveys have been fixed/improved. VoiceOver on Chrome announces a BR tag in a field label as an "Empty Group", breaking the reading flow of the field label's text. This issue only occurs with Chrome.

Improvement: Additional project-level stats are shown on the Project Home stats table, such as when the project was created, when moved to production, and when moved to analysis/cleanup status.

Improvement: Users copying mappings to multiple events had to toggle each row individually, so the dialog now uses a sticky table header with a select-all checkbox, switch-style row toggles, and truncated event/arm labels with missing-data placeholders.

Improvement: Users reviewing CDP mapping rows could only see validation messages in the FHIR column, so messages now appear under the related field column (FHIR/Temporal/Preselect/Field) with duplicate-entry guidance shown in the Field column.

Improvement: Various stability improvements for the CDP/DDP background fetch that reduces peak memory usage and makes progress visible in the CDP dashboard.

Improvement: Process background fetches in per-category slices with locks and retries to avoid out-of-memory scenarios in specific cases.

Improvement: Add a Fetch Progress page to the CDP dashboard with filters and pagination for record/category status.

Bug fix: Reconcile stale fetching states by clearing locks and marking stalled categories for retry.

Change: Persist fetch progress and lock metadata in new/updated DDP tables.

Improvement: When sending MyCap message/announcement to MyCap participants or editing a MyCap announcement, users can send it immediately or use the "Schedule at a certain date/time" option to schedule a MyCap message/announcement at a specific date/time so that the participant will receive that message/announcement at that date/time in the MyCap app.

Major bug fix: When a user is calling the File Export API method, in some cases the user would mistakenly be able to export the file even when they have "No Access" data export rights for the instrument on which the File Upload field is located. (Ticket #270635)

Major bug fix: When using the Bulk Record Delete feature, a user's privileges might not have always been checked correctly when allowing them to delete whole records or to delete instrument-level data. For example, a user that did not have "Delete Records" rights might have been able to delete whole records.

Change: For MyCap-enabled projects, when a user clicks "Active Task", inside a popup display "Mobile Toolbox - PROMIS" tab only if system level flag "mtb_experimental_enabled" is set to "1" from database (which adds MTB-Supported PROMIS measures from Shared Library)

Bug fix: CDIS projects importing laboratory observations now keep zero values instead of showing a blank result. (Ticket #270616)

Bug fix: CDIS projects importing observation results now keep boolean and range-based values when they are present. (Ticket #270616)

Bug fix: Fix for External Modules repeated file settings to function like other module settings. Added download link to download files uploaded to module settings.

Bug fix: For MyCap-enabled projects, the [survey-link] smart variable mistakenly failed to resolve in the field label for fields in MyCap tasks in MLM-enabled projects to appear as hyperlinks in the MyCap app.

Bug fix: If an admin deletes a CDIS custom authentication parameter on the CDIS settings page when multiple entries exist, the first entry would be removed instead. (Ticket #270048)

Bug fix: In MyCap-enabled projects, the text inside the help text dialog for "Use the Rich Text Editor" on the Task Setup and Add/Edit About Page is displaying the wrong text.

Bug fix: Several missing LOINC codes were added to the CDIS mapping features.

Bug fix: The Project ID argument is mistakenly not passed to the `redcap_every_page_before_render()` hook on the REDCap login page. (Ticket #270910)

Bug fix: The query used to calculate the number of users who have logged in to REDCap within a certain period was not quite correct if using an "X & Table-based" authentication method while also using the User Allowlist.

Version 16.0.8(released on 2026-01-22)

Background improvements to the process that fetches data for eligible CDP/DDP records in CDIS projects:

Improvement: Added a CDP/DDP fetch reconciler that resets stuck "fetching" records when there has been no recent FHIR activity for the patient, addressing a rare recovery issue.

Improvement: The CDP/DDP fetching process can stop safely when nearing time or memory limits, reducing the chance of leaving records stuck.

Improvement: Administrators may choose a dedicated folder for CDIS temporary files, which helps keep CDIS behavior consistent across different servers and background processes.

Improvement: Adds a setting for a dedicated CDIS cache folder to store CDIS temporary files separately from the system temp directory.

Improvement: Improves stability of CDIS workflows in environments with load balancers or multiple app servers by keeping CDIS temp files in a consistent location.

Improvement: In CDIS, the Break-the-Glass (BTG) feature now stores cache files in the REDCap temp folder to list patients identified as BTG candidates for a specific project, in which the filenames use a specific identifiable format and .btg extension that includes the project PID.

Improvement: The CDP/DDP mapping page has been refactored to use a form-based workflow with better performance on large mapping sets and event-aware tools for managing and copying mappings across events. (Ticket #269290)

Improvement: When adding/editing the MyCap "About" page in a MyCap-enabled project, users can also use the rich text editor to add/edit "About" page contents so that it is possible to display the formatted page contents in the MyCap app.

Improvement: When adding/editing the MyCap task in a MyCap-enabled project, users can also use the rich text editor for task instruction and completion steps so that its formatted step contents will appear in the MyCap app when a participant starts that task

Improvement: When calling the API method "Export a List of Files/Folders from the File Repository", it now also returns the unique User Role (as "role") and unique Data Access Group name (as "dag") for any folder that is role-restricted and/or DAG-restricted, respectively.

Major bug fix: When uploading a CSV file of survey settings in the Online Designer, it might result in certain survey attributes (e.g., public survey links, survey queue setting) getting disconnected from the original surveys if those surveys were modified via the CSV import. (Ticket #270453)

Bug Fix: When using Access Control Groups, if an admin tries to assign a user to a role with "Read Only" User Rights privilege when the Access Control Group for this user is set as "Full Access" for the User Rights privilege, it would not let the admin proceed with the action, whereas this action is in fact allowed and should have proceeded with no alert message displayed. (Ticket #268921b)

Bug fix: Custom form CSS and custom survey CSS would mistakenly not be transferred via Project XML files or when copying a project.

Bug fix: If a survey participant opens an adaptive or auto-scoring instrument that was downloaded from the REDCap Shared Library, they would mistakenly be allowed to take the survey even if the record was locked at the record level. Now it appropriately displays an error message saying that the survey cannot be taken because the record is locked.

Bug fix: If a user set's their preferred CSV Delimiter (via the Profile page) to "blank space", several features that perform CSV exports (such as a data dictionary export) would fail with a fatal PHP error. (Ticket #270169)

Bug fix: In CDIS projects, this fix prevents Break-the-Glass verification from showing an error when the system returns normal data.

Bug fix: In a CDIS context, prevent errors when pulling data from EHR systems for a single patient lookup. (Ticket #270367)

Bug fix: The Choices Editor dialog in the Online Designer mistakenly did not allow a dash (-) or a dot (.) as part of a coded value. (Ticket #270348)

Bug fix: The sort order and form status filters for repeating tables on the Record Home Page were mistakenly not persisting correctly in some cases.

Bug fix: When a Data Quality rule returns some discrepancies and the user clicks the "exclude" link to exclude the discrepancy, that item would fail to be excluded from future executions of the DQ rule. Bug emerged in the previous release. (Ticket #270355)

Bug fix: When a project has Data Access Groups but does not have any records, the multi-select DAG drop-down would mistakenly be displayed on the Data Quality page. That DAG drop-down should only be displayed when the project has DAGs while there is at least one record, otherwise it might be confusing to users. Bug emerged in the previous version. (Ticket #270517)

Bug fix: When a project is in draft mode while in production and a user selects to "Move field(s) to newly created instrument" in the Online Designer, it would correctly create the new instrument with the moved fields, but it would mistakenly have "[?]" as its form label in certain situations. (Ticket #267242)

Bug fix: When a recurring alert is set to be triggered by conditional logic, in which the "Ensure logic is still true" checkbox is checked for the alert, if at least one notification in the recurrence series has already been sent for a given record and then the alert logic becomes no longer true but then later the logic becomes true again, the recurrence series would fail to get initialized again, thus no more notifications would be sent for the record for the recurring alert. (Ticket #268869)

Bug fix: When a survey participant is returning to a partially completed response using a private survey link, in which the "Save & Return Later" feature is not enabled for the survey, the page would mistakenly not utilize the survey's theme, thus possibly making the displayed text difficult to read in some situations. (Ticket #270331)

Bug fix: When calling the API method "Export a List of Files/Folders from the File Repository", it would mistakenly return folders that are admin-restricted folders. The API should not return any admin-restricted folders in the folder list.

Bug fix: When deleting a user from a project, the confirmation message would mistakenly say that 'Role "" was successfully deleted'. (Ticket #270283)

Bug fix: When deleting an instrument, a user's form-level data entry viewing rights might still mistakenly exist in the backend database and thus could be seen when performing an export of the users' user rights in the project. Bug emerged in REDCap 15.7.0. (Ticket #269973b)

Bug fix: When exporting a PDF of a data entry form using the "via browser's Save as PDF" option, the resulting PDF might mistakenly not obey all the PDF Customizations settings from the Project Setup page.

Bug fix: When reevaluating an alert in a project with multiple arms, the Notification Log might mistakenly list an event from an arm in which the record does not exist. (Ticket #269644)

Bug fix: When the Record ID field is the only field ever used in Form Display Logic, conditions for FDL might not get evaluated as expected.

Bug fix: When using a Super API Token to create a new project using a Project XML file via the API, errors would be returned if certain low-level metadata errors existed in the XML file, thus preventing the project from being created. Whereas when creating a project via Project XML in the user interface, this would not occur but would be allowed. In this case, the API project creation process will no longer return low-level metadata errors that block the project creation. (Ticket #269973)

Version 16.0.7(released on 2026-01-15)

Accessibility improvement: Descriptive Popups are now more accessible when using screen readers on surveys and data entry forms.

Improvement: Custom field validations with "email" datatype (i.e., as defined in the redcap_validation_types database table) can now be used for the Designated Email Field and for survey invitation recipients, including ASIs. (Ticket #267892)

Improvement: Improved how entries are matched and updated during data fetches for CDIS Data Mart across all FHIR categories, reducing duplicates and stabilizing update counts on repeated runs.

Improvement: Several new categories/classifications were added to the "Standardized Field (CDE)" search feature (formerly known as the "Field Bank").

Improvement: The "Project Statistics" table on the Project Home page now displays the number of instruments in the project, and if longitudinal, it also displays the number of events/arms.

Improvement: The calendar table on the Calendar page is now much wider to fill out the page better and allow more text to be viewed for individual calendar events.

Improvement: The locking/e-signature settings found on the Record Locking Customization page in a project can now be exported and imported via a Project XML file.

Improvement: The record and DAG drop-down filters for Data Quality rules have been enhanced so that multiple records or multiple DAGs can be selected at the same time, in which any DQ rules that are executed will only be executed on the selected records/DAGs.

Bug fix: If a field has branching logic that consists of only one line, in which the line is a comment (i.e., begins with "//"), the survey or data entry form would mistakenly display a branching logic error message. (Ticket #269850)

Bug fix: Images embedded in rich text of Alert emails might not render correctly on the page when viewed using the Protected Email feature.

Bug fix: In some specific scenarios when the Background Data Import process is importing records for multiple projects during the same cron job instance, the import process might mistakenly get stuck in a "Processing" state, even when all records have been successfully imported into the project.

Bug fix: When a field's min or max range check value is a field value that is piped from a repeating instrument on another event, in some scenarios the min/max value would not get piped correctly, thus causing the min/max range check not to work correctly. (Ticket #269574)

Bug fix: When adding/editing User Roles using the API User Role Import method or using the CSV import on the User Rights page, the Email Logging privilege for a given role could mistakenly not be modified.

Bug fix: When an admin is using the "View project as user" feature in a project and is viewing the "My Reports & Exports" page, the buttons being displayed under the "Management Options" column in the report list would mistakenly not always match what the user being impersonated would actually see. (Ticket #270090)

Bug fix: When calling the Export User Roles API method with the API parameter "format" set specifically to "csv", the "forms_export" column in the API response would mistakenly also have the "forms" column values prepended to it.

Bug fix: When exporting->importing a project using a Project XML file, the value for the setting to enable/disable the Participant Identifier column in the survey participant list would mistakenly not get carried over into the new project.

Version 16.0.6(released on 2026-01-08)

Accessibility improvement: If Multi-Language Management is enabled on a survey, the "lang" attribute for the "html" tag on the webpage will now be appropriately set to the MLM language code if it corresponds to an ISO 639-1 language code.

Improvement: In a MyCap-enabled project, the Messages->Announcements tab on the MyCap Participant Management page now has search functionality (similar to the search functionality currently on the Inbox and Outbox tabs). In addition, the Inbox, Outbox, and Announcement tabs now have a new option to filter by specific text in the message.

Improvement: In a MyCap-enabled project, the MyCap Participant List now contains a "Last accessed" column that denotes the last time the participant accessed the project in the MyCap app.

Change: When using CDIS with Epic, the cached Break-the-Glass (BTG) protected patient list TTL was increased from 5 days to 10 days to give project owners more time to detect and unlock data access for patients in selected CDIS-enabled projects. Additionally, the BTG-protected patient list is now managed in one place, which makes the list consistent across the app and avoids mismatches caused by multiple storage paths.

Bug fix: If any field with a READONLY action tag contains a Descriptive Popup, the popup would mistakenly be faded-out looking (i.e., with opacity 0.6). (Ticket #269360)

Bug fix: In CDP projects with temporal mappings, some longitudinal events were missing in the adjudication modal.

Bug fix: In CDP/DDP projects, the adjudication modal would show new items but the page header would stay at 0 until a save or refresh.

Bug fix: The Control Center warning that tells administrators that the REDCap cron job is not running was mistakenly being displayed when the system was in "Offline" mode. It should only display that warning when the system is "Online". (Ticket #269625)

Bug fix: The Rewards-related cron job would mistakenly get set to an incorrect enabled/disabled value in the "redcap_crons" database table, thus causing it to run despite the feature being turned off. (Ticket #269443)

Bug fix: The email reminder sent to users by the User Access Dashboard would mistakenly include deleted projects, completed projects, and projects where the user's access has expired. (Ticket #269633)

Bug fix: When using Access Control Groups and viewing the list of assigned users on the ACG Control Center page, the page might mistakenly crash with a fatal PHP error in specific scenarios depending on the formatting of a user's username. (Ticket #269426)

Bug fix: When using Access Control Groups, in which a user attempts to add a non-system user to a project, the page would mistakenly display a bunch of JSON text. Now it displays a popup error message to the user to inform them that before users can be added to a project when using ACGs, the user must first be a user in the system. (Ticket #268921b)

Bug fix: When viewing the MyCap inbox page in a MyCap-enabled project, any "#ACCESSED PROJECT" messages from some study participants were mistakenly not hidden from the user interface.

Bug fix: When viewing the Record Status Dashboard, in which some records on the page have been locked at the record level, clicking the link to display "Lock status only" or "Lock and E-signature status" might mistakenly not display the lock icon next to those locked records.

Version 16.0.5(released on 2026-01-01)

Improvement: Access code protection for public reports and public project dashboards

Users may optionally set a single access code for a given public report or public project dashboard. Once set, no one will be able to view those pages unless the correct access code has been entered. Users may define their own custom access code or optionally let REDCap auto-generate one for them.

Once an access code has been successfully entered on a report or dashboard, if the page is refreshed or visited again in the near future, the viewer will not have to re-enter the access code if returning to the page within REDCap's normal auto-logout time for authenticated users (default: 30 minutes). For example, if the auto-logout time is 30 minutes, and the viewer returns 45 minutes after initially entering the access code, they will have to enter the access code to view the page again.

New smart variables for reports and project dashboards

[report-access-code] - Returns the access code for the specified public report, assuming the report has been made public and also that an access code has been defined for the report. A colon + the unique report name of the report must be appended - e.g., [report-access-code:R-2554F4TCNT]. Note: The unique report name can be found in the far right column of the report table. Note: If public reports are not enabled at the system level, this smart variable will not be displayed in the smart variable list.

[dashboard-access-code] - Returns the access code for the specified public project dashboard, assuming an access code has been defined for the dashboard. A colon + the unique dashboard name of the project dashboard must be appended - e.g., [dashboard-access-code:D-557DRCW87L]. Note: The unique dashboard name can be found in the far right column of the project dashboard table.

[dashboard-url] - Returns the web address (URL) of the specified public project dashboard. A colon + the unique dashboard name of the project dashboard must be appended - e.g., [dashboard-url:D-557DRCW87L].

[dashboard-link] - Returns a HTML web link that, when clicked, will navigate to the specified public project dashboard. The format must be [dashboard-link:unique_dash_name] or [dashboard-link:unique_dash_name:Custom Text]. "Custom Text" is an optional parameter whereby you can specify the visible link text, and if it is not provided, it defaults to the dashboard title.. A colon + the unique dashboard name of the project dashboard must be appended - e.g., [dashboard-url:D-557DRCW87L] or [dashboard-url:D-557DRCW87L:Click to view our dashboard].

Change: REDCap is now officially compatible with PHP 8.5.

Important change: Support has been dropped for PHP 8.0. The minimum required PHP version is now PHP 8.1.0.

Bug fix: If a PDF Snapshot has been set up in a longitudinal project so that it should be triggered by the completion of a survey on a specific event, the snapshot might mistakenly get triggered when that survey is completed on any event instead of just on the specified event. (Ticket #269116)

Bug fix: In CDP/DDP projects, adjudicating data in a repeating instance would save the value but leave the instance incomplete or invisible in the UI.

Bug fix: The floating popup tables for repeating instruments might mistakenly be too narrow in some contexts. Also, the repeating instrument tables at the bottom of the Record Home Page might mistakenly be too wide, thus causing fewer tables to fit horizontally at the bottom of the page. (Ticket #269316)

Bug fix: When a user starts the SMART on FHIR flow for CDIS while already logged into REDCap, the system might not correctly recognize that existing login and thus might not proceed smoothly.

Bug fix: When creating a new randomization model in a longitudinal project, if stratified randomization is selected, the page might mistakenly display a false error message below the strata field drop-down. (Ticket #268943)

Bug fix: When using the Scheduling module and viewing a record's scheduled events in the calendar popup, the right-hand data entry form links inside the popup might not work if the forms exist on a repeating event while the event has no data. (Ticket #269037)

Bug fix: When viewing the Data Quality page, in which the project has one or more Data Access Groups and also has 5000 or more records, the record filter text box for the Data Quality rules might mistakenly be slightly chopped off on the left side of the table. (Ticket #269153)

Version 16.0.4(released on 2025-12-18)

Major bug fix: When using Form Display Logic with the FDL "Survey Auto-Continue" setting enabled on multiple sequential surveys, in which a participant is taking multiple surveys back to back, specifically within a repeating event, some surveys in the sequence might mistakenly get skipped via FDL when they should not. Note: This bug was supposedly fixed in REDCap 15.5.27 (LTS) and 16.0.2 (Standard) but actually made the issue worse in some cases. (Ticket #267515b)

Major bug fix: When viewing a public survey in a project that is longitudinal or else the public survey is a repeating instrument or exists on a repeating event, in which the Designated Email Field is enabled in the project and used on that survey, if a record with record name "1" exists in the project with an email address saved for the Designated Email Field, then the public survey would mistakenly always pre-fill the email field on the page with the email address of record "1" in the project.

Bug fix: If using Access Control Groups where user roles are used in a project, if a user attempts to modify a user role that would result in some users in that role having non-compliant ACG rights afterward, the ACG functionality would mistakenly not prevent the user from modifying the role. (Ticket #268921)

Bug fix: In CDIS projects, REDCap admins weren't getting a FHIR access token if they weren't added as a project user.

Bug fix: In some rare instances, the AlertsNotificationsSender cron job might mistakenly crash with a fatal PHP error. (Ticket #266855)

Bug fix: When loading the Notification Log for "Alerts & Notifications", the "Begin time" text box would be pre-filled with the current time but mistakenly it would be in the wrong time format.

Bug fix: When using Form Display Logic on an instrument that exists as the only instrument in the current arm or in the whole project, if the FDL always evaluates to false for that instrument for non-yet-created records, then any attempt to create a new record in the

user interface would inevitably cause the Record Home Page to keep redirecting to itself in an infinite loop. (Ticket #267914)

Bug fix: When viewing the Data History popup for a File Upload field, in which one or more versions of the file have been deleted, the info in the popup might mistakenly not list the correct user who deleted the file but instead would attribute the action to the same user that uploaded the file. (Ticket #268958)

Version 16.0.3(released on 2025-12-12)

Major bug fix: The External Module Framework might mistakenly delay some EM cron jobs from running and thus might send lots of emails to the REDCap admin email address with the subject "REDCap External Module Error". Bug emerged in the previous release.

Bug fix: The "simultaneous user prevention" check on data entry forms might mistakenly not work and might allow multiple users to access and edit the same record-event-instrument-instance in a project. Bug emerged in REDCap 15.7.0 (Standard); it was supposedly fixed in 16.0.2 (Standard) but mistakenly the bug would persist for users that were in a user role. Note: This issue will only occur if one or both of the users' rights have been modified after the REDCap server has been upgraded to v15.7.0 or to a later version. (Ticket #267556b)

Bug fix: When a user downloads the Project XML "metadata only" file on the Other Functionality page, the "last_logged_event_exclude_exports" field in the "redcap_projects" database table would mistakenly get updated, which might cause the Rapid Retrieval caching feature not to be as efficient as it should. (Ticket #268756)

Version 16.0.2(released on 2025-12-11)

Bug fix: Due to an issue in the TinyMCE rich text editor library, a bug may inadvertently hang around and remain in a field despite the fact that the TinyMCE bug has been fixed, in which a specific DIV tag with class "ephox-dragster-blocker" might get invisibly added to a field label or other text and thus may prevent data entry on or edits to a form or survey. (Ticket #267515)

Bug fix: If a user is assigned to a Data Access Group and then views the data entry form of a record while in Draft Preview Mode, they would mistakenly be given an error message stating that the current record does not belong to their DAG, which is incorrect. (Ticket #268364)

Bug fix: If the Google reCAPTCHA feature for public surveys is set to be enabled by default for new projects created, it would mistakenly fail to be enabled when creating a project

from a Project Template or when copying a project that itself did not have reCAPTCHA enabled. (Ticket #268732)

Bug fix: The "Concurrent Users/Respondents" chart on the "User Activity Graphs" page in the Control Center would mistakenly include failed login attempts in its counts. (Ticket #268449)

Bug fix: The "simultaneous user prevention" check on data entry forms might mistakenly not work and might allow multiple users to access and edit the same record-event-instrument-instance in a project. Bug emerged in REDCap 15.7.0 (Standard). Note: This issue will only occur if one or both of the users' rights have been modified after the REDCap server has been upgraded to v15.7.0 or to a later version. (Ticket #267556)

Bug fix: Users might be able to restore any archived conversation in REDCap Messenger, even if they do not belong to that conversation or do not have permissions to archive/restore it. (Ticket #268453)

Bug fix: When using Form Display Logic with the FDL "Survey Auto-Continue" setting enabled on multiple sequential surveys, in which a participant is taking multiple surveys back to back, some surveys in the sequence might mistakenly get skipped via FDL when they should not. (Ticket #267515)

Bug fix: When using Send-It to email a file, it is possible to enter the same recipient email address multiple times and thus have it send the same email X number of times to the same recipient. (Ticket #268452)

Version 16.0.1(released on 2025-12-06)

Change: Stats for "Unique users that logged in (past month)" and "Unique users that logged in (past 6 months)" were added to the bottom of the System Statistics page in the Control Center.

Change: The configuration setting "Restricted file types for uploaded files" was moved from the "Security & Authentication" page to the "File Upload Settings" page in the Control Center. (Ticket #268336)

Bug fix: If fields from one page in a multi-page survey are embedded into another page on that survey, in which a calculated field exists on that other survey page and includes the embedded field(s) in the calculation, the fields would mistakenly get embedded on the other survey page, which should not happen and should result in an error because fields can only be embedded on the page in which they are located. In this situation, an error message should be displayed on the page where the fields are embedded. Note: This bug could result in values not getting saved for the embedded fields. (Ticket #267864)

Bug fix: When using Shibboleth authentication, the login page might not fully function due to a JavaScript error on the page. (Ticket #268336)

Bug fix: When using multiple IDPs with Shibboleth authentication, clicking the tabs on the login page to select a different IDP would mistakenly display HTML tags in the login instruction text (rather than interpreting the HTML) if the text contained any HTML.

Version 16.0.0(released on 2025-12-04)

New feature: Access Control Groups

This feature represents the integration of Andrew Poppe's "Security Access Groups" External Module. Note: Upgrading to this version will not disable the "Security Access Groups" EM nor will it migrate any settings from the EM if the EM is currently enabled and being used.

Introduction: Access Control Groups (ACGs) are used to restrict the user privileges that a REDCap user can be granted in a project. ACGs do not define the privileges a user will have in a given project; rather, they define the set of allowable rights that the user is able to be granted. ACGs are defined at the system level, and when the ACG feature is enabled, it will be implemented on all projects in the system, specifically when a user is being added to a project or when their user privileges are being modified in a project. Using ACGs is completely optional, and the feature can be enabled or disabled at any point on the Access Control Groups page in the Control Center.

Project-level compliance: For existing projects that already have users, there is an ACG Compliance page in every project to allow admins to determine if existing users have non-compliant ACG rights, and if so, provides tools to notify User Rights managers regarding users with non-compliant rights or to easily expire users.

Getting started: The main Access Control Groups page can be accessed by admins via the Control Center left-hand menu. On that page, an admin can enable ACGs for the system. By default, the ACG feature will be disabled. When enabling ACGs, there is a warning that says the following: "Once enabled, all existing users will immediately be placed into your Default ACG. If you have never enabled ACGs before or if you have never defined a new Default ACG, then after enabling the ACG feature, all users will be automatically assigned to the "No Rights" group, which is the built-in Default ACG that has no rights (or minimal rights) for all user privilege categories. If you have not defined a new Default ACG yet, User Rights managers in every project will not be able to add users or edit user privileges in their project until you have created some ACGs and also assigned existing users to those ACGs. You may use the Upload User Assignment CSV method to assign users en masse to new ACGs after enabling the ACG feature."

Creating ACGs: ACGs may be created by manually creating them individually via the Control Center ACG page or by an admin uploading a CSV file of ACGs. (An import template file is provided on the page for this).

Assigning users to ACGs: Once ACGs are created in the system, admins may begin assigning existing users to an ACG. This can be done manually for each individual user on the User Assignments tab, or by using the Upload User Assignment CSV method to assign users en masse to new ACGs after enabling the ACG feature. (A user assignment import template file is provided on the page for this).

Implementation of ACGs: ACGs come into play specifically when a user is being added to a project or when their user privileges are being modified on a project's User Rights page. If a user's rights are being modified, in which any of their new rights exceeds their ACG rights, an error message will be displayed to the user on the User Rights page. It will inform them that the user cannot be given those rights, and it lists all the privileges that are in violation of the user's ACG. If the user's rights are modified but do not exceed that user's ACG rights, then no error message will be displayed and things will function as they normally do during the User Rights modification process.

New ACG-specific Smart Variables:

[user-acg-name] - The name of the Access Control Group to which the user is currently assigned.

[user-acg-noncompliant-rights] - List of user rights that the user currently has but should not have based on the Access Control Group to which the user is currently assigned.

[acg-noncompliance-table] - Outputs a table of non-compliant users (based on their Access Control Group rights) in the current project, along with their associated non-compliant rights.

Additional notes:

If a user is in an ACG that has no User Rights privileges, the user will not be able to create or copy projects. This is to prevent users from creating projects and then getting stuck because they cannot access the User Rights page to add other users or modify their own rights.

If a project is copied, in which one or more project users are also copied, if any users have rights that exceed their ACG rights, their non-compliant rights in the new project will be modified to their ACG right level so that they are no longer out of compliance. And if a user being copied has non-compliant rights and is in a user role, they will be removed from their role as part of forcing their rights to be compliant during the project copy process.

Improvement: Data Quality rules A through I can now be run for selected fields. A multi-select drop-down is displayed on the page to allow users to select one or more fields, in which DQ rules A through I will be executed against only the selected fields. This will be helpful in some cases when the rules do not need to be applied to all fields in the project or if any of the rules time out after running them against all fields (e.g., Rule H for projects with lots of records).

Improvement: The "Help & FAQ" page has been updated with new content (thanks to the FAQ Committee).

Improvement: When exporting a list of users in a project (via CSV file on the User Rights page or via the Export Users API method), it now returns the field "data_access_group_label" to display the name/label of the Data Access Group of a given user. Note: The fields "data_access_group" and "data_access_group_id" were already included in the user export.

Major bug fix: When the Delete Records API method is used in order to delete a specific instrument's data for a given record, in which the project is longitudinal, if the record name is not provided in the exact same case as it is stored in the project (i.e., "taylor-101" vs "TAYLOR-101"), then it may cause all the data in an entire event to become orphaned and appear as if it were all deleted.

Change/improvement: A new CDIS-related cron job was added to perform weekly cleanup to prune expired FHIR tokens and to help prevent memory issues.

Change: Added 2 new data tables and 3 new log_event tables to help long-term performance going forward.

Bug fix: A query from the upgrade script of the previous version might mistakenly fail with an error if using MySQL. (Ticket #267867)

Bug fix: An issue would occur when performing field mapping for Clinical Data Pull where disabled FHIR mapping entries were still clickable, causing a UI glitch on the page. Disabled items are now non-interactive while their warning messages remain visible.

Bug fix: Fixed a bug in CDIS FHIR Token Manager where providing a patient ID caused non-matching tokens to be excluded, leaving no token if a patient-specific one wasn't available. Now tokens are prioritized (matching patient, then no patient, then other patients) so a usable token is still returned while favoring patient-specific tokens.

Bug fix: Fixed a bug in the CDP/DDP adjudication flow so that after data is initially cached, the configured data_fetch_interval is still honored for refetching.

Bug fix: For usernames with certain characters in them (such as @), the "Last Used" column might fail to load on the API token pages in projects and in the Control Center. (Ticket #267916)

Bug fix: In certain rare situations, INSERT queries to the "redcap_outgoing_email_sms_log" database table might mistakenly keep going in an infinite loop until the script ultimately times out. In that case, it now only performs 10 attempts before giving up. (Ticket #268066)

Bug fix: Regarding CDIS FHIR access token management, an issue existed when a token was selected when no project context exists (e.g., patient portal after EHR launch). Also included are various token-related CDIS optimizations, such as the following:

Prevent token pile-ups and memory blowups by pruning old tokens per user/EHR, keeping only the newest, and narrowing token lookups by patient when provided.

Separate patient/MRN mappings into token-less rows so mappings are preserved while old tokens can be safely deleted; add backfill and cleanup so stale mappings are removed after 90 days.

Add an upgrade-time cleanup to purge expired/duplicate tokens, preserve mappings, and trim old mapping-only rows; runtime purge now also de-duplicates and prunes.

Harden CI tests by creating a temporary test user and covering the new pruning and cleanup behaviors.

Bug fix: When the text result of a CALCTEXT field contains a "less than" symbol (<) followed by some text, the symbol would mistakenly be replaced with its own HTML entity when displaying the result as the field value. (Ticket #257374)

Bug fix: When using "Shibboleth & Table-based" authentication, the Shibboleth login URL that is displayed on the REDCap login page might get mangled in certain situations, thus making it impossible for users to log in via Shibboleth. (Ticket #267870)

Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages from North American phone numbers that are toll-free phone numbers (e.g., begin with 800 or 877). Bug emerged in REDCap 15.5.23 LTS and 15.9.2 Standard Release.

Bug fix: When using a designated email field in a longitudinal project, in which the field's instrument is designated for multiple events and is enabled as a survey on one or more events, if the field already has a saved value and then its instrument is opened as a survey on an event where the field does not have a value saved yet, the designated email field would mistakenly not get pre-filled on the survey page with its saved value from the other event.

Version 15

Version 15.9.3(released on 2025-11-26)

Change/improvement: The project logging page now always displays "SYSTEM" in the "Filter by username" drop-down. (Ticket #267521)

Bug fix: Certain automated emails sent to users from the system that append the institution name to the email subject might mistakenly end up with HTML tags in the subject, which looks odd and might cause the email to be flagged as spam. (Ticket #222997)

Bug fix: If a logo is utilized on the REDCap login page and the logo's width is less than 850px, the logo would mistakenly appear unexpectedly large on the page. Bug emerged in the previous release. (Ticket #267586)

Bug fix: In MyCap-enabled projects, certain Form Display Logic conditions that have [user-*] smart variables might result in a fatal error when joining a project via the MyCap app. (Ticket #267662)

Bug fix: In a longitudinal project that has a calc/CALCTEXT/CALCDATE field with logic that references a field on a repeating instrument that is defined as a repeating instrument on multiple events in the project, if the field is prepended with a unique event name in the logic, a calculation error might mistakenly be displayed when viewing the field's data entry form or survey page. (Ticket #267650)

Bug fix: When a user is given form-level "Delete" privileges on the User Rights page for their Data Viewing Rights, in which the Edit User dialog is opened again afterward, the "Delete" privilege checkboxes would mistakenly not be checked. This could cause users to inadvertently remove a user's form-level "Delete" privilege when editing their user rights.

Bug fix: When a user is logging in via Entra ID, in which the setting "AD attribute to use for REDCap username" is set to "userPrincipalName" and Endpoint Version "V2" is being used, REDCap would mistakenly always set every user's REDCap username to be their email address rather than the value returned from the userPrincipalName claim. (Ticket #267654)

Bug fix: When using Clinical Data Pull, the Record Status Dashboard might mistakenly crash due to query limits with large CDP mapping sets. (Ticket #267571)

Version 15.9.2(released on 2025-11-20)

Major bug fix: When using randomization with automatic triggering logic, in which a user triggers the logic by submitting a data entry form at the same time that they are locking the

form, the record would only get partially randomized (i.e., it would be logged as having been randomized but the randomization field value would not get saved). (Ticket #267130)

Change/improvement: If a REDCap admin initiates an Easy Upgrade, the initiation and completion (or failure) of the Easy Upgrade process is now logged and thus can be seen on the User Activity Log page. (Ticket #267033)

Change: For consistency with the Online Designer, uploading a data dictionary that contains multiple choice fields without any choices will now only return a warning, whereas previous versions would return an error. (Ticket #267306)

Change: The "My Projects" page was widened slightly.

Change: The Duo Library for Two-Factor Authentication has been updated to the latest version. (Ticket #266441)

Bug fix: Dynamic variables used in emails on the "Email Users" were not replaced correctly when two different user accounts used the same email address. (Ticket #262910)

Bug fix: If a logo is utilized on the REDCap login page and the logo is fairly wide, the logo would mistakenly run off the page when viewed on a mobile device.

Bug fix: In some server environments, the REDCap cron job might fail with a fatal PHP error due to "REQUEST_METHOD" not being defined in the SERVER superglobal array. (Ticket #267454)

Bug fix: The "deactivated action tag" indicator/icon was not being displayed in the Online Designer on fields that have one or more action tags that are "deactivated" via the Quick Modify Field popup.

Bug fix: The cron job that sends emails for Alerts & Notifications might mistakenly fail with a fatal PHP error in some unexpected situations. (Ticket #267335)

Bug fix: Users were mistakenly allowed to delete the MyCap baseline date field in the Online Designer for MyCap-enabled longitudinal projects.

Bug fix: When uploading a PDF consent form for a survey utilizing the e-Consent Framework, in which the PDF file does not successfully upload (e.g., exceeds max file size), the version number that the user set for that consent form would mistakenly be taken/occupied afterward and thus would prevent that version number from being used by subsequent consent forms that are uploaded. (Ticket #267441)

Bug fix: When using CDP/DDP, a fix for a multiple-mapping bug now prevents blank results when two clinical data sources feed the same REDCap field by keeping the populated value

and still flagging the duplicate, so users no longer lose data when one mapping returns nothing.

Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages to North American phone numbers with certain newer area codes, specifically 235, 279, 324, 329, 350, 353, 363, 364, 436, 448, 472, 531, 572, 582, 624, 640, 645, 680, 686, 726, 728, 743, 771, 820, 826, 838 840, 861, 930, 938, 943, 945, 948, 983. This issue was supposedly fixed in 15.5.14 LTS and 15.7.3 Standard, but mistakenly it was not. (Ticket #267265)

Bug fix: When viewing a multi-page survey on a mobile device, the "Previous Page" and "Next Page" buttons might mistakenly overflow off the left and right sides of the survey page. (Ticket #267182)

Bug: Users are now prevented from moving a MyCap-enabled task to the top/first position in the instrument list in the Online Designer. This is prevented because doing this causes issues with MyCap implementation.

Version 15.9.1(released on 2025-11-14)

Major bug fix: When a user role is being created by importing user roles via CSV file or API, the form-level data viewing rights of the new role might mistakenly not be set correctly. Bug emerged in the previous version. (Ticket #266824b)

Version 15.9.0(released on 2025-11-13)

Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into DAG-related CSV files that can be uploaded on the Data Access Groups page in a project. This can only be exploited by authenticated users that have "Data Access Groups" privileges. Bug exists in REDCap 10.4.0 and higher.

Medium security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into a user's first name or last name field in a CSV file uploaded on the "Create Users (Bulk Upload)" page in the Control Center, in which it could then be seen exploited on the "Browse Users" page. This vulnerability can only be exploited by authenticated users, specifically REDCap admins that have "Manage User Accounts" admin privileges. Also, only installations using "Table-based" authentication or one of the "X & Table-based" authentications are affected. Bug exists in all versions of REDCap.

Improvement: Ability to delete many (or all) Data Quality Rules in a project. (Ticket #245562)

Improvement: Multi-race mapping support in CDIS - CDIS projects can now map every race sent by the EHR without breaking existing single-value setups. A new optional "Race (all coded values)" field captures multiple race codes and surfaces them throughout Data Mart, Clinical Data Pull, and Mapping Helper so downstream workflows can store and review the full set of available races.

Improvement: New "Link Lookup" page - The "Survey Link Lookup" page in the Control Center has been rebranded and enhanced. The page not only includes the ability to find the project/record of a survey link, but it has been expanded to also search on survey queue links, public report links, and public project dashboard links.

Improvement: New setting for the Data Resolution Workflow - Users may enable a new project-level setting "Prevent calc/CALCTEXT fields with closed/verified data queries from being fixed by DQ rule H" in the DRW section of the "Additional Customizations" dialog on the Project Setup page. If using DRW when some calc/CALCTEXT fields have a Verified or Closed data query status, users running DQ rule H may now control whether or not the "Fix calcs now" button in the dialog will fix the value of those fields. In previous versions, DR rule H would automatically exclude calc/CALCTEXT fields with closed/verified status so that they could not be fixed. By default, this new setting is enabled/checked for all existing projects that have DRW enabled in order to maintain backward compatibility. (Ticket #259773b)

Improvement: New smart variable [project-irb-number] - IRB number of the current project (if specified in the project).

Improvement: New smart variable [project-purpose] - Returns integer as purpose of the current project (0=Practice/Just for fun, 1=Other, 2=Research, 3=Quality Improvement, 4=Operational Support).

Improvement: New smart variable [project-status] - Returns integer as status of the current project (0=Development, 1=Production, 2=Analysis/Cleanup).

Improvement: New smart variable [project-title] - Displays the title of the current project.

Improvement: The "Custom footer text for survey pages" can now be set on the Default Project Settings page in the Control Center so that the custom survey footer text will be automatically added to the surveys of all newly created projects. In previous versions, this custom text could only be set for individual projects manually after the project had been created. (Ticket #260122)

Improvement: The "Help & FAQ" page has been updated with new content (thanks to the FAQ Committee).

Improvement: The CDIS Data Mart FHIR data fetching process has been updated to run each MRN and resource (including paginated FHIR results) in separate subprocesses. This change improves performance, prevents memory and timeout issues, and provides real-time progress feedback to users during data retrieval.

Major bug fix: When using the E-signature feature at the bottom of a data entry form, in which the instrument has been completed partially or fully as a survey response prior to performing the E-signature, the page would mistakenly display the "Reload site? Changes you made may not be saved" prompt after clicking "Save" when e-signing the form. If the user clicked Cancel in the prompt, the page would get e-signed but would not appear e-signed until reloaded. And if the user clicked Reload in the prompt, the page would perform the e-sign and reload the page, but the user would lose any data changes made on the form. Bug emerged in REDCap 15.0.29 LTS and 15.4.5 Standard. (Ticket #266988)

Change/improvement: Improved handling of empty data in Clinical Data Pull adjudication - Fixed an issue where the adjudication interface in CDP/DDP projects displayed error messages when no clinical data was available for a patient record. The system now gracefully displays an empty results screen with a count of 0 items instead of showing confusing error text.

Bug fix: For unknown reasons, for some specific web server configurations, the EraseTwilioWebsiteLog cron job might mistakenly fail with a PHP fatal error. (Ticket #266964)

Bug fix: If REDCap's Two-Factor Authentication is enabled and the two 2FA settings "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password" and "When e-signing, allow users to provide their 6-digit PIN only once per session" are also enabled, in which the REDCap installation is using an "X & Tabled-based" authentication method and the current user is a Table-based user, then the once-per-session E-signing feature would mistakenly not work and would require that the user enter their Password or PIN every time. (Ticket #267029)

Bug fix: If a survey page is called via a HEAD request (e.g., in the background by a third-party link verification service), some SQL queries related to retrieving data for piping on the survey page might not get optimized correctly and thus might run a lot longer than intended, thus degrading performance of the database server. (Ticket #246425b)

Bug fix: In some cases, DDP Custom projects displayed an error instead of their expected data. This issue affected both the adjudication and mapping pages, preventing users from viewing or configuring project details. Additional safeguards have now been implemented

to ensure that DDP Custom workflows are processed correctly and that data loads reliably across all related pages. (Ticket #266572)

Bug fix: The "Auto-fill form" feature on data entry forms would mistakenly check the E-signature checkbox (if enabled) at the bottom of the page. The Auto-fill feature is not meant to check the Lock or E-signature checkboxes.

Bug fix: The Record List Cache was being reset unnecessarily in certain situations, such as when creating a new record in a project.

Bug fix: When a Descriptive Popup is created or edited, the page would fail to display a "success" message to the user and would just reload the page, making it appear as if the changes might not have been saved. It now displays a "success" message and redirects the user back to the main Descriptive Popups page after saving. (Ticket #266856)

Bug fix: When a REDCap admin is creating a new project from a Project Template, the admin's Data Viewing Rights in the resulting project would mistakenly be blank when viewed in the table on the User Rights page. Note: This would not impact their actual perceived user rights in the project though.

Bug fix: When a user role is being created by importing user roles via CSV file, the form-level data viewing rights of the new role might mistakenly not be set correctly or might result in a fatal PHP error during the upload process. (Ticket #266824)

Bug fix: When moving multiple fields via the Quick-Modify Fields feature in the Online Designer, in which the fields are moved to the top of another form, not all the fields would get moved properly, and in some cases the form to which the fields are moved may lose its form label. (Ticket #266668)

Bug fix: When the Record ID field is set to be hidden via the "Hide Record ID from PDF header" setting in the "Additional Customizations" popup on the Project Setup page, the Record ID field would mistakenly not be hidden in the PDF header when specifically selecting the PDF download option "This data entry form with saved data (via browser's Save as PDF)" while on a data entry form. (Ticket #111718c)

Bug fix: When the send time of an Alert or Automated Survey Invitation is based on the time difference with respect to a datetime field's value, in which the field has an invalid time component (e.g. "25:00"), the Alert/ASI cron job would crash with a fatal PHP error. In this situation, it will now fail gracefully and just assume a value of "00:00:00". (Ticket #266911)

Version 15.8.4(released on 2025-11-06)

Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This can be exploited on any non-survey page so long as the user is not logged in, and this only affects REDCap installations using "OpenID Connect" or "OpenID Connect & Table-based" authentication. Bug exists in REDCap 15.7.0 Standard and higher. Note: This does not affect any LTS versions.

Improvement/change: When setting a "Custom Participant Label" for MyCap, it now provides suggested variable names and smart variables to the user as they type in the "Custom Participant Label" text box on the MyCap Participant List page.

Improvement: A "Username" filter was added as an option on the Email Users page in the Control Center. (Ticket #266662)

Improvement: Added a search option to each MyCap message thread to allow users to search within the message text inside the Message history popup.

Improvement: Users may now utilize the [survey-link] Smart Variable in the field label for fields in MyCap tasks so that they appear as hyperlinks in the MyCap app. Clicking on such a survey link in the app will open the default web browser on the mobile device.

Major bug fix: When doing a fresh install of REDCap, the process would fail due to a SQL error in the installation SQL script. Bug emerged in REDCap 15.8.2.

Change/bug fix: When using CDIS, the feedback returned when attempting to obtain a FHIR token during the "Break the Glass" process has been improved, providing clearer and more informative responses. This also fixes several issues related to missing or incorrect language keys in CDIS features.

Change: On the MyCap "App Settings" page, the Purple theme colors now match the colors that appear in the app when selecting the theme as "Purple". Also, the "Purple" theme is now the default for newly created projects via project template or upon enabling MyCap.

Change: The instructional text on the Bulk Record Delete page has been modified for clarity and accuracy.

Bug fix: Any embedded images in outgoing emails, such as in survey invitations and alerts, would mistakenly not be displayed as expected in the email body and would also remain in the email as broken URLs that require authentication if the inline images were added while on a version prior to 15.5.15 LTS and 15.7.4 Standard. (Ticket #266361)

Bug fix: CDIS-related issues with appointment searches and category labeling for external EHRs. 1) Appointment retrieval in Cerner/Oracle Health now sends the expected ge/lt timestamp filters with UTC offsets, keeping those visits visible. 2) Core Characteristic observations in non-Epic environments now surface under Laboratory so they continue to flow through projects. 3) Laboratory mappings that really belong with Core Characteristics are relabeled to keep related data together. (Ticket #262882, #264467)

Bug fix: HTML tags might mistakenly appear as visible in the "MyCap Messages: Inbox" list when using the rich text editor in MyCap messages.

Bug fix: If a user is using their Calendar Feed URL in a project and then they are removed from the project, their Calendar Feed would mistakenly still work and would still populate events in an external calendar application. It now correctly returns nothing in this situation. (Ticket #265827)

Bug fix: If the name of a Data Access Group contains apostrophes or quotes, a CSV Labels data export that contains the DAG column would mistakenly display those characters as HTML character codes. Bug emerged in REDCap 15.5.20 LTS and 15.8.2 Standard.

Bug fix: In certain situations when Randomization is used together in a project with PDF Snapshots or e-Consent when copying a project and all its records, the Copy Project process might mistakenly fail and simply redirect the user back to the REDCap Home Page. (Ticket #266447)

Bug fix: On the Email Users page, the recipient list wasn't being generated correctly when using either the User Activity rule or the User Expiration rule. This would occur for certain versions of MySQL. (Ticket #266276)

Bug fix: The Online Designer's "Go to field" widget was not working as intended.

Bug fix: The REDCap Messenger icon that indicates that the current user has unread messages might mistakenly not be displayed. Additionally, the count of unread messages displayed next to the user's conversation titles might mistakenly not be displayed.

Bug fix: The check was removed for the MySQL 8.4.0+ setting "restrict_fk_on_non_standard_key" on the Configuration Check page because it was misleading and not correct. Bug emerged in REDCap 15.5.10 LTS and 15.6.1 Standard.

Bug fix: Users might get a ERR_TOO_MANY_REDIRECTS error in their browser when trying to reset their password on the login page.

Bug fix: When REDCap is generating a list of all records in a project on certain pages (e.g., Record Status Dashboard, Add/Edit Records), it was mistakenly performing some extra

operations that were not necessary, thus possibly causing the page to load slower than expected.

Bug fix: When REDCap is pulling data for a single record in certain situations (e.g., piping on a data entry page), it was mistakenly performing some extra operations that were not necessary, thus possibly causing the page to load slower than expected. (Ticket #246425)

Bug fix: When a project is in development status and contains an Adaptive or Auto-Scoring instrument that was downloaded from the REDCap Shared Library, if the user is removing the library instrument via a Data Dictionary upload, the Shared Library's "Agree to Terms to Use" dialog would mistakenly be displayed whenever the user attempts to download the Data Dictionary in the future, despite the fact that the library instrument no longer exists in the project. (Ticket #265910)

Bug fix: When copying a project that has randomization enabled, in which all the records are being copied to the new project, REDCap would mistakenly copy the data of the randomization field(s) for any records that were already randomized. If a record is already randomized, the randomization field's value should not be copied to the new project.

Bug fix: When exporting a project's Project XML file (metadata + data), in which the "Export survey identifier field and survey timestamp fields" checkbox is checked, the resulting project created from that XML file would mistakenly have the survey fields created as real project fields, which would cause issues later because such fields are reserved and thus are never expected to be real fields.

Bug fix: When performing a data import that contains repeating event data with "new" as the "redcap_repeat_instance" value, any alerts that are to be triggered using an [X-instance] smart variable (e.g., [field][current-instance]="2") might mistakenly not get triggered for the first instance of the repeating event during the data import process. (Ticket #266512)

Bug fix: When the send time of an Alert or Automated Survey Invitation is based on the time difference with respect to a date/datetime field's value or when the Alert/ASI was triggered, it would mistakenly not respect time changes related to Daylight Saving Time when determining the send time. For example, if an ASI is set to send 7 days after a specific date field, in which the date is in DST but 7 days after falls in Standard Time, the Alert/ASI might be scheduled to be sent one day too early. (Ticket #266568)

Version 15.8.3(released on 2025-10-29)

Bug fix: When upgrading to REDCap 15.8.2 Standard, the upgrade page would mistakenly say that REDCap needs to be taken offline prior to upgrading, which is not actually needed.

This would make the upgrade process more cumbersome for many REDCap installations, especially those using Easy Upgrade. Bug emerged in the previous version. Note: If you have already upgraded to 15.8.2 and there are no database table structure warnings in the Control Center, then there is no need to upgrade to 15.8.3.

Version 15.8.2(released on 2025-10-29)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the name of a Data Access Group. This vulnerability can only be exploited by authenticated users that have privileges to the Data Access Group page in a project. Bug exists in all versions of REDCap.

Improvement: The "Manage All Project Tokens" page in the Control Center now indicates when a user is suspended. (Ticket #266290)

Major bug fix: When a user is uploading a file to a File Upload field using the API Import File method in a longitudinal project, in some cases the file might not get fully saved correctly. Bug emerged in the previous version.

Bug fix: The API method "Import Project Info" would mistakenly ignore the Project P.I. email address attribute (if provided in the API import request), and additionally, the "Export Project Info" API method would not export that field. The API now allows for the import/export of that field as "project_pi_email", which is used only for projects with "Research" purpose.

Bug fix: When executing Data Quality rule E, if no numerical fields (i.e., calcs, sliders, or number/integer-validated text fields) exist in the project or if the user does not have access to numerical fields via their form-level Data Viewing Rights, DQ rule E might mistakenly return discrepancies for multiple choice fields that have numerical codings. Instead, DQ rule E should always ignore multiple choice fields. (Ticket #265966)

Bug fix: When set to write cache files to the database (instead of as files), the Rapid Retrieval caching mechanism might fail due to unexpected record locks in the database, thus preventing large data operations from completing. This fix now handles such lock errors with several retry attempts and then a graceful fallback, and the details of the exhausted attempts will be written to the REDCap error log table. (Ticket #266077)

Bug fix: When using Double Data Entry in a project, if the current user is DDE person 1 or 2, clicking on some form status icons on the Record Status Dashboard or Record Home Page would not lead to the expected record but instead would take the user to the Record Home Page and say that a new record is being created. (Ticket #265887)

Version 15.8.1(released on 2025-10-22)

Improvement: REDCap's cookie policy text is now translatable via Multi-Language Management. The cookie link text and dialog text can be found under the User Interface tab in the MLM setup page. (Ticket #265401)

Improvement: The CDIS-based functionality that interfaces with Epic's "Break the Glass" (BTG) feature has been improved. Previously, BTG tokens were requested immediately when a protected patient was detected, but these tokens (in some conditions) expired too quickly to be useful. Now, REDCap waits to request a token until the user actually chooses to break the glass, ensuring that it is always valid. In addition, identified patients will now remain on the list for five days (instead of just one day), thus giving users more time to review and take action.

Major bug fix: When a user is uploading a file to a File Upload field using the API Import File method, if the project is longitudinal and the field's form currently has no data on the event to which the file is being uploaded, the file would get stored in the REDCap system and would be logged on the project Logging page correctly, but the file would mistakenly not appear attached to the File Upload field afterward. Bug emerged in REDCap 15.0.15 LTS and 15.2.2 Standard. (Ticket #265877)

Bug fix: If the "Contact person web address/URL" setting has been set in the Control Center, several user-facing error messages (e.g., suspended user message) would mistakenly not display the URL but would instead display an empty "mailto" link. (Ticket #265673)

Bug fix: If the project title contains HTML tags, those tags would mistakenly appear in the webpage title in the browser tab. It now strips all HTML from the title as it appears in the user's browser tab.

Bug fix: In a MyCap-enabled project in production status, users might be unable to fix MyCap-related warnings using the "Fix issues" button.

Bug fix: In the context menu (accessed via right-click) of the TinyMCE rich text editor, the "Paste" option was removed because it would never work in any browser due to browser security settings. Note: Users can still paste any content into the editor via Ctrl-V/Cmd-V.

Bug fix: On surveys with multiple pages, the prev/next buttons were not swapped for right-to-left (RTL) languages.

Bug fix: Several missing LOINC codes were added to the CDIS mapping features.

Bug fix: The MyCap-related action tag MC-TASK-SERIALIZEDRESULT was mistakenly misspelled in the action tag list.

Bug fix: When Clinical Data Pull projects, fixed inaccurate handling of fractional day offsets in date adjustments. The function now converts offsets to seconds for precise calculations, supports values between 0.01 and 365 days, and safely handles both string and DateTime inputs. (Ticket #265371)

Bug fix: When a user is prompted on a data entry form to erase the values of fields that should be hidden by branching logic (due to a field's value changing on the form), in which the user chooses to erase the values, if any of those fields are located inside a matrix and all the fields in the matrix are now hidden afterward, the matrix header row might mistakenly still be visible on the page, even though all the fields in the matrix are hidden.

Bug fix: When copying a project or importing a Project XML file, MLM translations for Descriptive Popups were mistakenly not available in the newly created project.

Bug fix: When exporting data to SPSS, the SPSS import script might mistakenly fail for specific non-numeric coded values. (Ticket #265156)

Bug fix: When freeform text data containing email addresses is displayed on a report, any email addresses that are wrapped in parentheses would mistakenly have the parentheses added as part of the email address "mailto" hyperlink when displayed on the report.

Bug fix: When taking a survey, in which some field values are added and then the participant attempts to navigate away from the page or close their browser tab, in some cases the prompt "Leaving site? Changes you made may not be saved." would mistakenly not be displayed before allowing them to leave the survey.

Bug fix: When the Development Record Limit feature is enabled while a user is attempting to use Data Quality rule H, in certain cases an error might mistakenly be returned and would prevent the user from auto-fixing calculations in the project. (Ticket #265411)

Bug fix: When using Clinical Data Pull in a project, the Project Home page might still load slowly for some projects.

Bug fix: When using a designated email field that exists on a repeating instrument, in which that designated email field is utilized in a CALCTEXT field, it is possible that new repeating instances of that instrument could be suddenly created whenever a user saves data on that data entry form. (Ticket #265430)

Version 15.8.0(released on 2025-10-09)

New feature: Import and export survey settings as a CSV file - All settings found on the Survey Settings page can now be exported and imported using a CSV file. A new "Survey Settings" drop-down button will appear in the Online Designer. The dialog for importing the file will list all valid values for some settings that are not obvious, such as multiple choice mappings. Note: The CSV file does not include binary files, such as the Survey Logo and Confirmation Email Attachment.

New feature: `dayoftheweek()` function - Determine the day of the week for a given date or datetime. An integer will be returned corresponding to a specific day of the week as follows: 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday. Example: `dayoftheweek([visit_date])`. NOTE: You may use "today" or "now" as the date parameter in the function, which can prove helpful for triggering an Alert or ASI to be triggered on weekdays but not weekends, for example - e.g., `dayoftheweek("today") < 6` (this means that the Alert/ASI will not trigger on Saturday or Sunday).

Security improvement: Improved enforcement of the Restricted Upload File Types setting - In previous versions, the Restricted Upload File Types setting would prevent files from being uploaded by users based solely on the file's extension. In the case the a file's extension has been renamed to obscure its true form (e.g., `maliciousfile.exe` to `resume.txt`), REDCap will now validate the true mime type (file extension) of the file when cross-referencing it with an extension listed in the Restricted Upload File Types setting.

Change: In the Additional Customizations popup on the Project Setup page, a warning has been added to the text for the "Designate a Secondary Unique Field" feature. To encourage best practices, it says the following: "It is recommended that you NOT use the Secondary Unique Field on a survey for an identifier field, such as Medical Record Number, Social Security Number, or email address, because doing so may give a survey participant the ability to test if certain values have already been used for that field in order to determine the identity of a specific person who has taken the survey."

Bug fix: Fixed warning displayed during the data retrieval phase of a CDP project.

Bug fix: For some specific server configurations, the External Service Checks on the Configuration Check page might appear to fail sporadically, even though the REDCap server is able to successfully communicate with those services.

Bug fix: In some cases when using MLM on a survey, piped values in the survey instructions were not rendered in the correct language. (Ticket #265045)

Bug fix: When a non-e-Consent PDF Snapshot is being saved to the File Repository and/or File Upload field, fields on the survey that have the HIDDEN action tag might mistakenly not be visible in the resulting PDF Snapshot. Fields with the HIDDEN action tag should only be hidden in PDF Snapshots that are generated via the e-Consent Framework.

Bug fix: When entering numeric choice options without labels into the Choices text box in the Edit Field dialog in the Online Designer, in some cases it may not auto-suggest the coded choice options correctly and thus might mistakenly duplicate some. (Ticket #265074)

Bug fix: When moving a field using the Move icon in the Online Designer, the process might fail with a fatal PHP error if the project is in Draft Mode while in production status. (Ticket #265052)

Bug fix: When using Clinical Data Pull for CDIS, when using the CDP adjudication process, data saved through the adjudication table would not display correctly in the matching form. The fix ensures adjudicated data is now properly persisted and visible. (Ticket #265019)

Version 15.7.6(released on 2025-10-02)

Major bug fix: If the e-Consent Framework is enabled for a survey and the e-Consent setting "Force signature field(s) to be erased if participant clicks Previous Page button while on the certification page?" is enabled, the signature field values would mistakenly not be erased in that situation. Bug emerged in the previous version.

Version 15.7.5(released on 2025-10-02)

Improvement: The table on the System Statistics page in the Control Center now has a Download button to allow admins to download the table as a CSV file. (Ticket #25478)

Improvements: More improvements for Clinical Data Pull's adjudication flow - Item counts now reflect transformer-adjusted values, the modal always offers Save when selections are possible, forced reloads after saving are gone, and each launch pulls fresh data from the EHR.

Change/improvement: Adds a MyCap notice message in the Online Designer for users who have had MyCap enabled for more than 30 days but have no MyCap tasks enabled.

Change/improvement: For the task setting for a MyCap task, if the selected chart field is not set as 'Required' in the instrument, it now displays a warning next to the selected field that it is recommended to set this field to 'Required' to ensure that the chart functions properly in the MyCap app.

Change: General optimizations for the CDP Dashboard.

Change: When a user is editing user privileges on the User Rights page, in which the user initially does not have "Delete Records" rights, but then the "Delete Records" checkbox is checked and then unchecked while the dialog is still open/unsaved, it previously would leave all the form-level Delete rights as checked. It now leaves them all unchecked in this case and also notifies the user of this. (Ticket #264262)

Bug fix: CALCTEXT fields utilizing text string related special functions (excluding the "if" and "concat" functions) where a plus sign (+) is used inside quotes in the calculation, an unexpected result might occur. (Ticket #264586)

Bug fix: CDIS users could lose their first action if they were prompted for Single Sign-On (SSO) or two-factor authentication (2FA). This fix ensures that authentication is completed up front in the CDIS patient portal by running a lightweight check as soon as a page is loaded, which triggers the login or 2FA process if needed.

Bug fix: Data entry forms on repeating events were not accessible from the View/Edit Calendar Event popup view. (Ticket #264200)

Bug fix: For CDIS projects, the way EHR access is checked for users in a project has been changed. Previously, projects with CDIS enabled and a large number of users could take an unusually long time to load because of how access was being verified. With this update, access is now checked in a more reliable way, preventing the delays that were occurring. (Ticket #264479)

Bug fix: For some CDIS-related processes, users at institutions without 2FA could get stuck on a blank authentication check page. The CDIS pre-authentication check now properly redirects users back to the patient mapping page regardless of whether their institution uses 2FA or not.

Bug fix: If the Universal DO-NOT-REPLY Email Address is enabled in the system, it was mistakenly not being used as the From address for automated emails sent to participants after clicking "Save & Return Later" on surveys. (Ticket #264435)

Bug fix: In a Twilio- or Mosio-enabled project that has Automated Survey Invitations enabled, the Online Designer might mistakenly display a warning icon saying that an email field has not been designated, even when an ASI is using SMS as the invitation type. In these types of situations, the warnings should not be displayed. (Ticket #263723)

Bug fix: In some extremely rare situations, REDCap's JavaScript-based sanitization process for user-defined text input might mistakenly cause data entry forms and survey pages to never fully load.

Bug fix: In the Online Designer, moving a field to the top of another form might mistakenly result in an error. (Ticket #264470)

Bug fix: It is possible for participants of a multi-page survey to inject valid fields onto the page (using JavaScript in their browser console or using an EM or hook), in which the fields exist on the survey but are not on the current survey page, so that the value of the injected field would get saved. While this is not a security concern, it could cause possible issues downstream in multi-page surveys and is generally not a recommended practice. If this is attempted in the future, REDCap will merely ignore any fields submitted on the survey if they do not exist on the currently-submitted survey page. (Ticket #264152)

Bug fix: On some rare occasions when automated emails are going out to users to notify them that their account will expire soon, it may mistakenly CC a random person who is not the sponsor of the user. Note: Only sponsors should be CC'd on this email. (Ticket #258732)

Bug fix: The documentation for the HIDDEN-PDF action tag has been modified for clarity because it was missing some important information about how in participant-facing PDF downloads/snapshots, such as e-Consent PDF snapshots, the HIDDEN and HIDDEN-SURVEY action tags will hide fields in the PDF as a way to accurately simulate what the participant saw on the survey page. Whereas in non-participant-facing contexts (e.g., user downloading PDF on data entry form), only the HIDDEN-PDF action tag will hide fields in the resulting PDF. (Ticket #264466)

Bug fix: Utilizing "now" as a min or max range check for a Text field with "HH:MM:SS" or "MM:SS" time validation would have unexpected results or would not work at all on data entry forms and survey pages. (Ticket #264549)

Bug fix: When a participant has completed an e-Consent survey, in which some fields on the survey have the HIDDEN and HIDDEN-SURVEY action tag, those fields would mistakenly be visible in the resulting PDF of the participant's responses that is saved in the File Repository and/or File Upload field. This has been fixed so that the PDF viewed by the participant on the certification screen matches the e-Consent PDF that is stored in REDCap. (Ticket #264466b)

Bug fix: When changing the variable name of a matrix field in the "Edit Matrix" dialog in the Online Designer, in which the matrix field had branching logic, the branching logic would mistakenly get deleted after the variable name change. (Ticket #69589)

Bug fix: When moving a field using the Move icon in the Online Designer, in which the field is being moved to another form that has no fields (excluding the form status field), choosing the option "-- Insert at the top of this form --" would result in an error. However, selecting

the "[No existing fields]" option works fine. Since both of those choices effectively are supposed to do the same thing, the "-- Insert at the top of this form --" has simply been removed from the field-list drop-down in the Move dialog to prevent it from being chosen and thus to prevent the user from experiencing the error. (Ticket #264742)

Bug fix: When the REDCap Mobile App is sending data to the server via the API, a form-level data entry permission check for the Mobile App might mistakenly not get completed successfully after the data has been synced. (Ticket #256175b)

Bug fix: When uploading multiple files at the same time to the File Repository, if a file fails to successfully upload for any reason, it would mistakenly stop the whole process and prevent any of the other files in the batch from being uploaded.

Bug fix: When viewing the survey Participant List for a repeating instrument in a longitudinal project, in which the survey being viewed is the first instrument of an event, some (or all) participants might mistakenly not appear in the Participant List. (Ticket #264658)

Version 15.7.4(released on 2025-09-25)

Major security fix: REDCap's system-level "salt" value and project-level "SALT" values could potentially be reverse-engineered via brute force methods by analyzing hashes that are generated for specific features throughout the application. If a malicious user is able to determine the salt values, they could then auto-generate hashes to then use in the URLs of certain REDCap end-points to be able to download potentially any file stored in the REDCap system without being a user in that project and (in certain cases with surveys) without being a REDCap user at all. NOTE: This fix will inevitably affect the record ID hashing feature in data exports, in which record IDs will end up with a different hashed value after this upgrade than from before. This means that if a user clicks the "Hash the Record ID field" option when exporting data or if their user rights dictate that the record ID be automatically hashed, each record ID will result in a different hashed value in the resulting export. This is an unfortunate side effect of this fix that could not be avoided. But after the upgrade, the hashed record ID in the data export will never change again, so this is just a one-time change.

Major security fix: The version of the library DOMPurify that is part of the TinyMCE library has a security vulnerability. The TinyMCE library in REDCap has now been updated to the latest version in order to remediate the issue in the DOMPurify sub-library.

Improvement: When using Clinical Data Pull for CDIS, validation display improvements have been added in the CDP Adjudication Workflow. These changes make the display of adjudication values clearer when fields use date or phone validation. This includes the following: 1) Dates now match the format specified by their validation rules, and valid EHR

dates no longer trigger warnings, 2) Phone numbers with a +1 prefix are automatically cleaned for consistency, and 3) When the display value differs from the raw value, both are now shown in the table for clarity.

Improvement: When using REDCap Messenger, a new link that says "Mark all conversations as read" now appears at the bottom of the Messenger panel (when open) to allow users to mark all their unread conversations as "read".

Change/improvement: In a CDP adjudication context, more feedback is now provided to users when no data is returned from the EHR, such as suggesting next steps for the user to take to help troubleshoot the situation.

Change: The documentation for special functions has been modified for clarity with regard to functions that return a boolean. (Ticket #263505)

Bug fix: A piece of language text was mistakenly missing on the CDP Mappings page. (Ticket #263482)

Bug fix: If existing records are detected as being absent in the MyCap Participant List, REDCap will force a refresh of the list invisibly to ensure that all missing records get added to the participant list. (Ticket #262709)

Bug fix: If the "DDP Custom" feature is enabled at the system-level and/or at the project-level for the current project, exporting a project's logging as a CSV file (via the Logging page or via the API) would be unexpectedly slow. (Ticket #264016)

Bug fix: In a MyCap-enabled project, the baseline date warning was mistakenly not appearing in the "Edit Field" popup in the Online Designer for longitudinal projects.

Bug fix: Some informational dialogs (e.g., Smart Variables, Piping) did not honor project-level language settings. (Ticket #263959)

Bug fix: The MLM Manual (accessible from the Control Center MLM setup page) was missing page 4.

Bug fix: The MyCap Participant Code was not being added to records for fields containing the action tag MC-PARTICIPANT-CODE.

Bug fix: The server-side implementation of the datediff special function might differ slightly from the client-side version (used in branching logic and calculations) when using certain undocumented values for datediff's "returnSignedValue" parameter, such as when using 1, "1", 0, or "0". The official documentation notes that boolean values (or boolean values wrapped in quotes - e.g., "true") should only be used for that parameter. So while the 0/1 values are still not recommended to use for the "returnSignedValue" parameter, the server-

side and client-side implementations now show consistent behavior with regard to those values, if they are used.

Bug fix: Users would be unable to clear MyCap sync issues for missing/invalid participants. In a MyCap-enabled project, if a record is deleted and the participant continues to submit data in the app, a sync issue is created (this is expected). However, there is no way to "clear" or "resolve" the sync issue from the list. A "Fix" button is now provided so that users can click it to clear MyCap sync issues for participants who no longer exist.

Bug fix: When a user has a large number of REDCap Messenger conversations, if the Messenger panel is visible while the user navigates from page to page in REDCap, each page would load very slowly. To prevent this, only the latest 20 conversations are now displayed by default in the Messenger panel. If the user wishes to view the list of all their conversations, they may click the new "View all conversations" link at the bottom of the conversations list.

Bug fix: When a user-defined label (e.g., survey instructions, field label) ends with a "<" character, that character would mistakenly not appear when the text is being displayed on the page. (Ticket #263724)

Bug fix: When creating a project via a Project XML file that has the MyCap feature enabled, the MyCap baseline date field might mistakenly not be selected in the "Baseline Date Settings" section of the Online Designer for longitudinal projects after the project has been created.

Bug fix: When cross-event branching logic or calculations reference a date or datetime field that has a Missing Data Code, the logic/calc might return an unexpected result on the survey page or data entry form. Note: This does not affect server-side logic/calc evaluation (e.g., Data Quality rule H, auto-calculations via data imports). (Ticket #263501)

Bug fix: When the Read Replica feature is being utilized for the REDCap installation, in which users are making calls to certain survey-related API methods (e.g., surveyReturnCode), the API might mistakenly take a long time to return a response or in some cases it might only return a 400 error code.

Bug fix: When uploading an Instrument Zip file in the Online Designer, in which some fields in the instrument.csv file inside the zip file contain illegal characters for the field variable name, which results in a variable name beginning with a numeral after the illegal characters are automatically removed, fields would mistakenly be created in the project with variables beginning with a numeral, which should not be allowed. (Ticket #263896)

Bug fix: When viewing the Project Revision History comparison table to compare different revisions, any labels, branching logic, or calculations that contain the characters "<>" would mistakenly have those characters not appear in the dialog. (Ticket #263724)

Bug fixes and changes for Clinical Data Pull: Fix for the CDP adjudication table so normalized values (dates, phones) recognize when they already match values stored in REDCap. Adjusted the date normalization so the saved value follows the field's format. Added the FHIR resource ID to the list of available mappings.

Version 15.7.3(released on 2025-09-11)

Improvement/change: If a field has been embedded into the choice label of a multiple choice field, the pre-embedded text (e.g., the variable name in the label "Other {other1}") will no longer be displayed as-is in piping, in reports, and in data exports that contain labels. In these cases, the pre-embedded text inside the braces/curly brackets will simply be removed for improved aesthetics and readability. (Ticket #261787)

Improvement: Condition-level Form Display Logic Settings - FDL now has more granular controls to implement FDL conditions on data entry forms, Survey Auto-Continue, and MyCap. In previous versions, FDL could be enabled for Survey Auto-Continue and/or MyCap, but those would have been applied to all conditions. Now, users may set each individual condition to be utilized by data entry forms, by Survey Auto-Continue, and/or by MyCap, thus providing greater flexibility for when/where each FDL condition is applied. Note: If the Survey Auto-Continue and MyCap settings were enabled for FDL in a project prior to the upgrade, to maintain the prior behavior, that setting will be applied to every FDL condition in the project during the upgrade process.

Bug fix: Explanatory text for the new "External Modules API" user privilege was mistakenly not added on the User Rights page in an earlier version when the feature was officially released. That explanatory text has now been added to the page in the Edit User dialog to inform users about what it is and how it is utilized.

Bug fix: If a user is performing a data import using a CSV file, in which the file's CSV delimiter is not a tab, and a tab character exists somewhere in the first line of the CSV file (which is not expected), the import process would fail with an error stating that the record ID field values could not be found in the file.

Bug fix: If the current REDCap installation is using the auto-incremented Primary Key feature (for clustering or replication purposes), a warning would mistakenly not be displayed in the Control Center or on the Configuration Check page about the table structure being incorrect after new database tables were added via upgrading REDCap. When new database tables are added after an upgrade, the Primary Key field will often

need to be added to those new tables. Certain features and functionality might not work properly in REDCap if some newer tables are missing the auto-incremented Primary Key column while other database tables have the PK column. To prevent this scenario, the SQL for adding the auto-incremented Primary Key column will now be included in the "Database Structure is Incorrect" warning (and thus in the Auto-Fix SQL script) in order to keep everything in sync if the Primary Key feature is already being used for some tables in the installation.

Bug fix: If using one of the Missing Data Code special functions (e.g., `isblankormissingcode`) in a calculation, it might not return the expected result if a space exists between the function name and the first/opening parenthesis. (Ticket #263419)

Bug fix: In particular situations when using Clinical Data Pull in CDIS, admins in CDP projects were mistakenly blocked from seeing the CDP dashboard and the Token Priority Rules panel. This fix corrects how admin status and feature settings are recognized so that legitimate admins gain access when the features are enabled, without altering non-admin visibility, even when an admin is impersonating a user in the project.

Bug fix: In some edge cases when using Draft Preview Mode, the data entry form might mistakenly crash with a fatal PHP error.

Bug fix: In some situations when the REDCap installation contains auto-incremented Primary Keys in its database tables, a user might not be able to enter Draft Mode in their production project because the Online Designer page would just reload with nothing occurring after clicking the "Enter Draft Mode" button. (Ticket #261202)

Bug fix: Logged events related to Field Comments or to data queries created via the Data Resolution Workflow would mistakenly not get deleted when performing the "Erase all data" action or when moving the project to production while deleting all records. (Ticket #263023)

Bug fix: On a multi-page survey that has embedded fields, in which the container field that contains the embedded fields has branching logic, in some cases the container field might mistakenly not get hidden when the page loads when branching logic dictates that it should be hidden. Bug emerged in REDCap 15.7.0 Standard. (Ticket #263083)

Bug fix: REDCap was supposed to have supported the "rt" and "rp" HTML tags at the same time that the "ruby" tag was introduced back in REDCap 15.5.6, but those tags were mistakenly not added, in which they are essential to the use of the "ruby" tag. Because of that mistake, support has been added for the "rt" and "rp" tags so that they may be utilized in user input (e.g., field labels, survey instructions). (Ticket #263121)

Bug fix: The "Edit User" dialog on the User Rights page might have incorrect language if the E-signature feature has been disabled at the system level.

Bug fix: The Bulk Record Delete page might mistakenly crash with a fatal PHP error in specific situations for users with certain user privileges. Bug emerged in REDCap 15.7.0 (Standard).

Bug fix: When a user is performing a data import of a value into a text field, in which the field was previously a multiple choice field but was later changed to a text field, but the previous multiple choice codings are somehow still present in the Choices/Enum column for that field in the backend metadata database table (which should technically not happen), the data import would mistakenly fail with the message "The value is not a valid category for X".

Bug fix: When a user is renaming an instrument's unique form name on the Online Designer, if the instrument has been enabled as a survey and there is an orphaned row in the redcap_surveys database table whose "form_name" matches the name of the new form name being submitted by the user, a query would fail, thus preventing the instrument renaming process to fail. (Ticket #261786)

Bug fix: When a user is using the background processing option when performing a Bulk Record Delete in a longitudinal project, the background process might mistakenly fail with the following error: "ERROR: REDCap::getEventNames can only be used in a project context."

Bug fix: When adding a user or role to a project, the data viewing rights were mistakenly not saved correctly. Bug emerged in REDCap 15.7.0 Standard. (Ticket #263339)

Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages to U.S. phone numbers with certain newer area codes, specifically 235, 279, 324, 329, 350, 353, 363, 364, 436, 448, 472, 531, 572, 582, 624, 640, 645, 680, 686, 726, 728, 743, 771, 820, 826, 838 840, 861, 930, 938, 943, 945, 948, 983.

Bug: When using Clinical Data Pull in CDIS, users that are selecting values for mapped temporal fields in the CDP adjudication dialog might mistakenly not trigger certain necessary JavaScript events that ensure that the adjudication dialog opens or refreshes with the current (unsaved) form state.

Version 15.7.2(released on 2025-09-04)

Improvement: Aggregate smart variables and miscellaneous project-level smart variables can now be utilized in the description/instructions of Custom Record Status Dashboards. (Ticket #262607)

Improvement: If a user has access to the Email Logging page in a project, they will now see the "Email Logging" option in the "Choose action for record" drop-down when viewing a record on the Record Home Page. This will allow the user to load the Email Logging page with the current record already selected as a filter.

Improvement: On the Record Home Page, the sort order of rows within the repeat instrument tables at the bottom of the page now persists within the project (per user).

Improvement: The record list drop-down on the Email Logging page is now searchable.

Improvement: When using "Table-based" authentication or an "X & Table-based" authentication, in which a user is logging in to REDCap but has their Caps Lock on while entering their password, a warning will be displayed to the user to make them aware of their Caps Lock being on. (Ticket #262840)

Major bug fix: When the Bulk Record Delete page is being used to perform partial record deletion on a record that is locked at the record level, the selected forms would mistakenly have their data deleted within the locked record. Locked records should not be editable in any way.

Change/improvement: When an administrator clicks the "Erase all data" button on the Other Functionality page while in production status, they will now receive an extra dialog for confirmation of the action, which will require the admin to type "erase all data" first. (Ticket #256172)

Change: More clarifying text was added to the "Delete a record's logging activity when deleting the record?" feature in the Data Privacy section of the Edit Project Settings page to point out that the feature is not applicable when using the "Erase all data" feature or when deleting all records while moving the project to production, both of which will always delete all data-related logged events.

Change: The MyCap-specific action tags MC-FIELD-SLIDER-BASIC and MC-FIELD-SLIDER-CONTINUOUS were removed as valid action tags from REDCap since they do not work in the current MyCap app but only in the now-retired MyCap Classic app.

Bug fix: If a field with variable name "length" has branching logic, a branching logic error would always appear on the form/survey for that field.

Bug fix: In repeating instrument tables displayed on the Record Home Page and other places, in which more than 10 instances exist for a given instrument, thus displaying the filter input and icon status filter in the table, the survey response icons would mistakenly be displayed a clickable filters in the table even if surveys are not enabled in the project.

Those should not be displayed there unless surveys are enabled in the project. (Ticket #262928)

Bug fix: On the Email Users page in the Control Center, the filters "does not contain", "does not end with", and "is null" might mistakenly not include correct matches for "User Email". (Ticket #262235)

Bug fix: The "pause recurrence" checkbox state for Alerts was not properly updated in all cases when editing an alert.

Bug fix: The Notification Log for Alerts & Notifications might crash with a PHP error depending on a user's date format preference. (Ticket #262695)

Bug fix: The special function `isblanknotmissingcode()` would mistakenly evaluate to True if the value is not blank and is also not a Missing Data Code. Bug emerged in the previous version.

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always result in a non-blank value, if a user deletes the data for the whole form or if a user performs a data import to import repeating instances for the field but does not explicitly import instance 1, an empty instance 1 would mistakenly be automatically added if it did not already exist. This bug was only partially fixed in REDCap 15.0.35 LTS and 15.5.5 Standard. (Ticket #262597)

Bug fix: When a participant is taking an adaptive or auto-scoring survey that was imported from the REDCap Shared Library, in which the survey setting "Allow participants to skip questions?" is set to "Yes", the confirmation dialog displayed to the participant when they attempt to skip the question would mistakenly not display the correct text for the "Skip question" and "Go back and enter value" buttons.

Bug fix: When logic is being evaluated (excluding calculations) in which the logic is comparing two field values using the `<>` operator (e.g., `[field1] <> [field2]`), the logic should evaluate as False when both fields have blank/null values. However, in that case, they would mistakenly return True. This might cause some specific logic not to evaluate correctly and might return false positives for Data Quality rules. Bug emerged in REDCap 15.0.30 LTS and 15.5.0 Standard. (Ticket #262511)

Bug fix: When sending invitations via "Compose Survey Invitations" (Participant List), the "[Reminder]" prefix in the email subject was mistakenly not replaced with MLM base language overrides. (Ticket #132868)

Bug fix: When the Bulk Record Delete page is being used in a longitudinal project, in which a user chooses to delete data on an instrument that exists on a repeating event, the process would mistakenly crash with a fatal PHP error. (Ticket #260924)

Bug fix: When the Bulk Record Delete page is being used to perform partial record deletion, in some cases when clicking "Select records from a list" in Step 2 after selecting specific forms/events in Step 1, the selections in Step 1 might mistakenly end up being deselected. (Ticket #260924)

Bug fix: When using CDIS, the EHR launch workflow might be severely slowed down by a database query that was not optimized.

Bug fix: When using Multi-Language Management, the User Interface overrides that were set for the base language were mistakenly not displayed any longer. UI text should still override the base language (i.e., what is set in the Language.ini file for the project language set on the "Edit Project Settings" page). Bug emerged in REDCap 15.5.9 LTS and 15.6.0 Standard. (Ticket #262684)

Bug fix: When using MyCap, the auto-generated message "#REJOINED PROJECT" received from MyCap participants was mistakenly not getting translated as "Rejoined a Project" for users on the MyCap participant message list and in the message history popup.

Bug fix: When using SMTP for sending emails from REDCap (i.e., not using a third-party transactional email service), in which an outgoing email from REDCap contains a plus sign (e.g., rob+survey2025@gmail.com) in the email's From address, the message might not bounce back correctly to the sender if it bounces. To prevent this issue, the plus sign and any text between the plus sign and the @ sign will be automatically removed when setting the outgoing email's Sender (i.e., Return-Path). (Ticket #262641)

Version 15.7.1(released on 2025-08-29)

Major bug fix: When using the CDP adjudication workflow in a longitudinal project to adjudicate data from multiple events, the system might get confused regarding which event the incoming EHR should be associated with, possibly leading to data being saved to the wrong event. Bug emerged in REDCap 15.6.0. (Ticket #262366)

Bug fix: Calc fields that were saved by REDCap administrators and which contain multi-statement logic (separated by semicolons) would cause a JavaScript error on a form or survey. In this case, they would become non-functional and be reported on the page as having errors. Bug emerged in REDCap 15.7.0. (Ticket #262540)

Bug fix: Data Viewing Rights were mistakenly not displayed in the table on the User Rights page. Bug emerged in REDCap 15.7.0.

Bug fix: Fixed a typo in the documentation for the "hasmissingcode" special function.
(Ticket #262544)

Version 15.7.0(released on 2025-08-28)

New feature: Form-level "Delete" Rights

Users can now be given privileges to delete the data for specified instruments, enabling them to click the Delete Data button at the bottom of a data entry form. This can be granted without having to give the user the ability to delete whole records and events. Thus, this feature provides more granularity with regard to data deletion privileges.

This new form-level privilege can be found in the Data Viewing Rights section of the User Rights dialog when editing a user's rights. The "Delete" privilege can be granted for any or all instruments in the project. This assumes the user does not have the "Delete Records" privilege because, if so, the "Delete Records" privilege already includes the ability to delete data on all forms (in addition to being able to delete a whole record, etc.).

Note: Users must have "View & Edit" privileges for a given instrument in order to be given "Delete" privileges. And if an instrument has been enabled as a survey and the user is viewing a survey response (as opposed to data entered by authenticated users), the user will not be able to delete the data for that response unless they additionally have "Edit Survey Responses" privileges for that instrument.

New feature: MyCap Email Notifications - The "Messages" portion of the MyCap Participant Management page now contains a new tab to allow users to compose email notifications that will be sent to specified email addresses whenever a MyCap message is received from a MyCap participant in the project. Additionally, if Data Access Groups are used in the project, users can also define email notification settings that are DAG-specific.

New functions for Missing Data Codes

`isblanknotmissingcode(value)` - Is a field's value blank/null and not a Missing Data Code? - Returns a boolean (true or false) if the field value is blank/null/" and not a Missing Data Code. E.g. `isblanknotmissingcode([age])`, in which if 'age' has a value of 'UNK' (which might be a Missing Data Code in a project), then it will return FALSE. And if the field has a blank/null value and not a Missing Data Code, it will return TRUE.

`ismissingcode(value)` - Is a field's value a Missing Data Code? - Returns a boolean (true or false) if the field value is a Missing Data Code, in which Missing Data Codes have been explicitly defined in the project on the Project Setup page under Additional Customizations. E.g. `ismissingcode([age])`, in which if 'age' has a value of 'UNK' (which might be a Missing

Data Code in a project), then it will return TRUE. And if the field does not have a Missing Data Code, it will return FALSE.

hasmissingcode(value, missingDataCodes) - Does a field's value match a Missing Data Code that is provided? - Returns a boolean (true or false) if the field value is a Missing Data Code and also specifically matches one of the Missing Data Codes that are provided as a comma-delimited string as the second parameter. E.g. hasmissingcode([age], 'UNK') or hasmissingcode([age], 'NASK,NI,UNK'), in which if 'age' has a value of 'UNK' (which might be a Missing Data Code in a project), then it will return TRUE. And if the field value is not a Missing Data Code or does not match at least one of the Missing Data Codes provided in the second parameter, it will return FALSE.

Improvement: Improved error message dialogs for branching logic and calculation errors on forms and survey pages. All errors are now combined into a single dialog listing all fields with calc errors and/or branching logic errors. In addition, the "Erase value?" confirmation prompt has also been modernized to display all affected fields in the same dialog if those fields have values but were triggered to be hidden by branching logic (either when the page loads or triggered by the changing of a field value).

Improvement: The name of the session cookie used for REDCap's authenticated user sessions has been changed from "PHPSESSID" to a unique installation-specific name that is based on the directory path of the current REDCap installation on the web server. This change will allow multiple installations on the same server/domain name to be used by users that are logged into more than one installation at the same time. In previous versions, if a user attempted to have a session in more than one installation at the same time on the same server, their session from a previous installation would inadvertently get destroyed if they then logged in to another installation on that same server.

Change/improvement: When a user clicks the "Save & Go To Next Record" button on a data entry form when record auto-numbering is enabled, in which there is no record after the current record, the user will now be taken to the Record Home page of a potential/non-yet-created record (within the same arm, if multiple arms exist). This makes the process faster by saving the user a click when rapidly creating new records in a project. In this situation in previous versions, the user would instead be taken to the "Add/Edit Records" page. (Ticket #262101)

Change: Unnecessary parts of the "redcap_new_record_cache" database table were removed.

Change: When using OpenID Connect authentication and an error occurs for a user during the authentication process, the page now outputs a more specific and helpful error message to help troubleshoot the situation. (Ticket #258052)

Bug fix: If a custom Data Quality rule has logic that contains only a single smart variable and no field variables, the rule might mistakenly not return any results.

Bug fix: If importing data into a project in "columns" format, the import process might fail with a fatal PHP error if the import file contains only the record ID field. (Ticket #262045)

Bug fix: In some edge cases when exporting a project's randomization allocation file, the process might fail with a fatal PHP error. (Ticket #262046)

Bug fix: On the Record Home Page or Record Status Dashboard when clicking a form status "stack" icon (representing a repeating instrument that contains more than one instance of the instrument) for a given record, the user might not be able to navigate into the repeating instrument if the record's record name contains a double quote.

Bug fix: Reports would not get copied correctly when pk_id columns are present in the REDCap database tables. (Ticket #261793)

Bug fix: The "text-to-speech" functionality in survey would mistakenly not work for texts larger than 300 characters. (Ticket #262116)

Bug fix: When an administrator is using the "View project as user" feature, in which the user they are impersonating has expired access to the current project, the admin would not be able to view or access the instruments to which the user should have access for any given record. (Ticket #261919)

Bug fix: When using the "View project as user" admin feature to export data for a report, the export process would mistakenly not respect the impersonated user's data export rights but would behave as if the admin were exporting data as themselves. (Ticket #262025)

Bug fix: When utilizing randomization that is set to automatically trigger based on conditional logic, the "Randomize record" logged event for all randomized records in the project would mistakenly not get deleted when performing the "Erase all data" action while in development or when moving the project to production while deleting all records. (Ticket #262408)

Version 15.6.1(released on 2025-08-21)

Major bug fix: Due to an issue with internal data caching during the evaluation of REDCap logic, in certain rare occurrences some Alerts and ASIs might mistakenly not get triggered

as expected when submitting a form or survey page. Bug emerged in REDCap 15.0.35 LTS and 15.5.5 Standard. (Ticket #261661)

Major bug fix: If data is being imported using the background import process, whether via API or on the Data Import Tool page, some of the data might quietly not get imported (with no error) if the data being imported is not grouped by record but instead the records are out of order in the data file (i.e., if importing multiple rows of data for a given record). (Ticket #261701)

Major bug fix: The Email Users page would mistakenly fail to load due to a fatal PHP error. Bug emerged in the previous version. (Ticket #261603)

Change: If editing a field in the Online Designer, in which the BioPortal Ontology Service is the only ontology service listed in the Edit Field dialog, the BioPortal Ontology Service will be auto-selected when the dialog is opened.

Change: The "Delete all" button on the User Allowlist page has been updated to use a modern dialog instead of a legacy JavaScript confirmation alert. This should prevent admins from accidentally clicking through the process too quickly without properly confirming the action. (Ticket #261698)

Change: When an admin is approving a request for a user sponsor on the Sponsor Dashboard, the approval page now only displays users being affected by the request. In previous versions, it would display all the users that were sponsored, but that would sometimes make the page slow to load. This change will improve the load speed of the page without affecting anything behavior-wise.

Bug fix/change: If MySQL 8.4.0 or higher is being used and the MySQL setting "restrict_fk_on_non_standard_key" is set to ON, which is the default value for MySQL 8.4.0+, the Configuration Check page will now recommend that the setting be set to OFF for compatibility purposes. Some things might not function correctly in REDCap if that setting is left as ON. This does not affect MariaDB and does not affect any MySQL versions prior to 8.4.0.

Bug fix: If CDIS, specifically CDP, is enabled in a project, certain pages that utilize features of CDP, such as the Record Status Dashboard, might mistakenly fail to load and result in a white screen for some users. This is dependent on specific PHP versions or configurations.

Bug fix: If a report contains no valid/currently-existing fields, the report would mistakenly display all the fields in the project. If this happens going forward, as a fallback, it will instead only display the record ID field in the report. (Ticket #261700)

Bug fix: If utilizing randomization in a project that has Data Access Groups and is also using Missing Data Codes, the randomization dialog would mistakenly list the Missing Data Codes as choices in the DAG drop-down field in the dialog. (Ticket #261846)

Bug fix: The Smart Variables documentation was mistakenly listing Smart Variables related to the "Rewards" feature, which is not a feature that has been released yet in REDCap.

Bug fix: Users could mistakenly perform the CDP adjudication data fetch process when a project is in Analysis/Cleanup status. (Ticket #260920)

Bug fix: Users with a large amount of unread System Notifications or General Notifications in REDCap Messenger might experience every page in REDCap to be somewhat slower than expected.

Bug fix: When copying a project that utilizes user roles, in which the users of the project are being copied but the roles are not being copied, any users in the resulting new project that were previously in a role would mistakenly not end up with the rights of their role from the original project. (Ticket #261784)

Bug fix: When piping form status fields on a form or survey page, they might not pipe as a blank/"" value even when they have no value (i.e., when the form has a gray status icon).

Bug fix: When the filter logic for a report or a Custom Record Status Dashboard references form status fields as having a blank/"" value (e.g., [form1_complete] = ""), the dashboard/report might mistakenly not return the correct filtered results. (Ticket #259042b)

Bug fix: When using the "Import Records" API method or REDCap::saveData() to import data in EAV format, in which the project is not longitudinal but the data payload includes the column "redcap_event_name" with a blank value, which is typically fine because it is ignored, the values of the fields being imported might mistakenly not get saved during the import process and the logging might not be correct, especially if the field values being imported are blank/"" and the API parameter "overwriteBehavior" is set to "overwrite". (Ticket #261232)

Version 15.6.0(released on 2025-08-14)

Medium security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on the Descriptive Popups page when adding/edit a descriptive popup, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the link text of a descriptive popup. This vulnerability can only be exploited by authenticated users that have Project Design/Setup privileges. Bug exists in REDCap 14.8.0 and higher.

Improvement: Admin approval process for enabling Mosio/Twilio in a project - The Twilio and Mosio settings on the Modules/Services Configuration page in the Control Center now have a new option called "Admin approval", which (when set) will allow users to enter their Twilio/Mosio credentials and then afterward request that an administrator enable the feature for them in the project (because they will not be able to enable the feature themselves). This will then add the request to the To-Do List in the Control Center, in which an admin can easily approve it for the user. (Ticket #247087)

Improvement: Background Bulk Record Delete - When selecting records to delete on the Bulk Record Delete page in a project, the confirmation dialog now has a new checkbox "Delete records using a background process?". When checked, the record deletion process will occur in the background using the REDCap cron job, rather than deleting the records in real time while the user remains on the page. When the background process has completed, it will email the user and will note any errors that may have occurred. Users will also be able to monitor their batch processes and optionally halt them in a new tab on the Bulk Record Delete page.

Improvement: For CDIS projects using Clinical Data Pull, the CDP adjudication flow and user interface have been greatly improved that provides a cleaner layout and easier interaction.

Improvement: New "combineCheckboxOptions" option for the "Export Records" API method. Similar to the same option seen when creating a report, this option allows users to specify whether or not to combine checkbox field options into a single column containing only the checked-off options. By default, all checkbox field options will be exported as separate columns. The setting's value can be set to "false" (default) or "true".

Major bug fix: Data Quality rule H and auto-calculations (i.e, calcs performed via data imports) might mistakenly not perform calculations for calc/CALCTEXT fields in longitudinal projects unless the fields exist on a repeating instrument or repeating event.

Major bug fix: Importing of CSV files with data from more than one repeating form would mistakenly fail to import. (Ticket #260874)

Change/improvement: When using MyCap in a project, there is now a new option in the MyCap settings to prevent the ability for MyCap participants to switch languages in their MyCap app if MLM is active and if MTB measures are available in both English and Spanish languages.

Change: For CDIS, added additional context in the CDP Instant Adjudication interface to explain the difference between the "Process" and "Process in background" options. (Ticket #260740)

Change: When a project is in Analysis/Cleanup status, External Module links (if any) will be displayed on the left-hand menu. In previous versions, EM links were not displayed while in Analysis/Cleanup status but only when in Development and Production.

Change: When images attached to descriptive fields are shown inline, and the field label is otherwise empty, no extra space is added before the image.

Important Change: REDCap has dropped database support for legacy UTF8/UTF8-MB3 charset and collation due to their deprecation in MySQL and MariaDB. REDCap administrators will not be able to upgrade to REDCap 15.6.0 or higher until they have performed the Unicode Transformation to their REDCap database tables in order to support full Unicode. If you are on REDCap 13.2.0 or higher, check your Configuration Check page for further details regarding how to perform the Unicode Transformation. If you are on a version lower than 13.2.0, it is recommended that you upgrade to 15.5.0 first and then perform the Unicode Transformation before upgrading to a higher version.

Bug fix: A cookie that is used only during REDCap's authentication process (i.e., the cookie does not persist after the login has occurred) was mistakenly not getting the normal cookie attributes that are received by all other cookies in the application.

Bug fix: A warning popup would appear saying "Language not supported for MyCap app" for all language codes on the MLM setup page in MyCap-enabled projects.

Bug fix: Gracefully handle the situation when the REDCap Base URL is lacking a protocol (http/https). (Ticket #259889, #261035, #256588)

Bug fix: If any HTML tags are entered into a calendar event's Notes field on the Calendar page, reopening the calendar event for editing would cause all HTML tags in the Notes text to be stripped out when re-displaying the text in the calendar popup.

Bug fix: In MyCap-enabled projects, MyCap participants should not continue to receive notifications on their device after a REDCap project has been deleted from the MyCap app for that device.

Bug fix: In longitudinal MyCap-enabled projects, the Baseline Date field would mistakenly not be displayed for any participants in the MyCap Participant List.

Bug fix: In some edge cases when using LDAP authentication, REDCap would not be able to communicate successfully with the LDAP server. (Ticket #261275)

Bug fix: MyCap participants would mistakenly still be able to join a project and complete tasks in their MyCap app even if MyCap is disabled in the project, if the project has been deleted (within the 30-day grace period), or if the project is marked as "Complete".

Bug fix: Some PDF downloads and PDF Snapshots of e-Consent survey responses would mistakenly display the text "Type:" before the "Custom tag/category" text in the PDF's footer. It should not say "Type" in the footer as that was a legacy feature called "Type" custom text in the e-Consent Framework that was replaced with the "Custom tag/category" text. (Ticket #260831)

Bug fix: Some browsers might report a console error due to a JavaScript Map file missing. (Ticket #261117)

Bug fix: Some of the language on various project pages was mistakenly not translatable via an INI language file. (Ticket #252409b)

Bug fix: The PDF export of an instrument with data would fail with a fatal PHP error if a slider field on the instrument has its min and max set to the same value. (Ticket #261413)

Bug fix: The QuickEdit dialog in the Online Designer mistakenly allowed matrix fields to be moved outside of the matrix group, leading to unpredictable/unwanted side effects. (Ticket #260880)

Bug fix: The link to the "URL Shortener" page on the Control Center's left-hand menu was mistakenly governed by the "URL shortening service" setting on the Modules/Services Configuration page. That setting was only meant to govern the use of the service within projects, and thus it should not apply to the Control Center's URL Shortener page, which should always be visible and available to administrators. (Ticket #261457)

Bug fix: The project purpose filter on the Email Users page might not work as expected. (Ticket #260816)

Bug fix: Updated some text in the "Allow participants to download a PDF of their responses at end of survey?" section of the Survey Settings page because the text was incorrect/misleading.

Bug fix: Users would be unable to save the MyCap setting "Additional Setting: Custom Event Label" as anything other than a "None" value for longitudinal projects.

Bug fix: When a survey invitation is scheduled via an ASI in a longitudinal project, and then before the invitation is sent, the survey instrument is undesignated for that specific event (thus nullifying the ASI), the scheduled invitation would mistakenly still get sent to the participant at its scheduled time. (Ticket #261418)

Bug fix: When calculated fields from the same form are piped into dropdown choices, an infinite loop of server requests could happen that could lead to the user being banned. (Ticket #260699)

Bug fix: When performing a synchronous data import with the Data Import Tool, a JavaScript error was shown in the browser console (but the import still worked).

Bug fix: When randomization is being used in a project and an administrator uses the Auto-fill feature on a form or survey where the randomization field is located, the Auto-fill process would mistakenly give the randomization field a value, which could mess up the randomization allocation process for the record. (Ticket #261345)

Bug fix: When the MLM base language is set after some translations or overrides were already added, these mistakenly (and very confusingly) would show up on data entry and survey pages. (Ticket #260994)

Bug fix: When using Double Data Entry in a project, if the current user is DDE person 1 or 2, clicking on some form status icons on the Record Status Dashboard or Record Home Page would not lead to the expected record but instead would take the user to the Record Home Page and say that a new record is being created. (Ticket #260384)

Bug fix: When using an inline consent form for the e-Consent framework, if the Descriptive field where the consent form is displayed has text containing angle brackets (< or >), there is a chance that it may cause the text to be mangled or truncated when output to the REDCap-generated PDF, whether a PDF download or PDF Snapshot. (Ticket #261124)

Bug fix: When using the Bulk Record Delete feature to perform partial deletions of a record (i.e., specific forms) in a multi-arm longitudinal project, the logging page would mistakenly not list the correct arm/event for the deletion event if the deletion is being performed on an arm other than the first arm.

Bug fix: When using the Data Resolution Workflow and creating data queries on the Data Quality page for calc/CALCTEXT fields after running Rule H, if the user clicked the "Fix calcs now" button in the dialog, it would mistakenly not exclude fields that have a data query with "Closed" or "Verified" status. (Ticket #259773)

Version 15.5.6(released on 2025-07-31)

Improvement: REDCap now supports the "ruby" HTML tag so that it may be utilized in user input (e.g., field labels, survey instructions).

Major bug fix: Any surveys that are Adaptive or Auto-scoring assessments that have been downloaded from the REDCap Shared Library would load initially but could not have any responses saved. If the participant clicked the Save/Next Page button on the survey, the progress icon would spin forever, and the response would not be saved. Bug emerged in the previous version.

Major bug fix: If using Descriptive Popups on a survey or form, the content of the popup would mistakenly be displayed as always visible on the page immediately after the link text.

Change: In a MyCap-enabled project, if the baseline date setting is set and then a user edits the variable name of the baseline date field or changes its field validation to a non-date/datetime validation, it will now display an error to the user regarding this issue in the MyCap errors popup in the Online Designer.

Bug fix/change: If a user is importing data (via API, Data Import Tool, REDCap::saveData) for a form status field, in which the field's stored value is blank/null and the value being imported is also blank/null, the import process would mistakenly leave the form status field with a blank value, which could be confusing if other fields on the form have data because it would cause the form to have a red status icon but no actual value for the form status field. To prevent this situation going forward, the form status field's value will always default to "0" in the case that its imported value is blank and its current stored value is also blank. Additionally, if the form status field is not even included in the data import file and the form status field has no stored value in the project yet, the form status field's value will be saved with a default "0" value if any field values are being modified during the import process for that form (excluding calc fields). (Ticket #260194)

Bug fix: If the setting "Automatically display inline PDF attachments for Descriptive Text fields inside a resulting PDF download of an instrument/survey?" is Disabled on the "Modules/Services Configuration" page in the Control Center, the Configuration Check page will not check whether the iMagick PHP extension is installed on the web server. (Ticket #260520)

Bug fix: On the MyCap Configuration Check page, if the testEndpoint API call is returned as "OK" (HTTP Status code 200) but it does not receive a valid/correct JSON payload (this is specific to some servers), the testEndpoint API call will be noted as having failed so that it does not continue to execute the secondary tests on the page.

Bug fix: The process of uploading an allocation table CSV file on the Randomization page was unnecessarily slow for larger sized allocation tables. (Ticket #260453)

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always result in a non-blank value, if a user performs a data import to import repeating instances for the field but does not explicitly import instance #1, an empty instance #1 would mistakenly be automatically added during the import process if it did not already exist. (Ticket #260321)

Bug fix: When copying a MyCap-enabled longitudinal project, the process would mistakenly copy inactive MyCap task schedules to the new project when only active task schedules should get copied.

Bug fix: When selecting the Record ID field as a Live Filter on a report in certain types of projects, the report might not always return the record that was selected from the Live Filter drop-down.

Bug fix: When using the Bulk Record Delete page in longitudinal projects that have multiple arms, if the "Delete entire records" option is selected, the page would mistakenly not display a drop-down to select a specific arm but would instead only allow you to delete records from the first arm. Thus, it was not possible to delete records on any arms except the first arm.

Version 15.5.5(released on 2025-07-24)

Improvement/change: Updated the Font Awesome library from v6.7.2 to v7.0.0.

Major bug fix: The cron job named "ProcessScheduledRewardOrders" might mistakenly crash repeatedly. Bug emerged in the previous version. (Ticket #259793)

Change/improvement: For the repeating instrument tables displayed at the bottom of the Record Home Page, any status filters (but not keyword search) that are set for a repeating table will now persist for the user (remembered at the user-level) if they leave the page and then return later. Note: The filter state only persists for the tables at the bottom of the Record Home Page but not for the floating/popup tables that appear in various places (e.g., Record Status Dashboard, left-hand form menu) when clicking the stack status icon of a repeating instrument.

Change/improvement: If the "Record Limit for Development Projects" feature has been enabled at the system level, REDCap administrators will now be able to bypass the limit when copying a project and its data when the project contains more records than the limit, and additionally it will allow admins to bypass the limit when creating a new project from a Project XML file that contains more records than the limit. In previous versions, a new project could not be created by anyone, not even admins, in these two situations. (Ticket #260011)

Change/improvement: Some performance improvements when evaluating logic for the same record repeatedly during a given request.

Change/improvement: The MyCap Participant List page has been optimized for improved performance, so it should load much faster now, especially for projects with lots of records.

Bug fix/change: For MyCap-enabled projects, the researchKit documentation URLs were replaced with the new PDF documentation URLs that are located on projectredcap.org, and the individual Active Task help links were removed because those URLs are not needed now due to this change.

Bug fix: If a form status field is used in a calc/CALCTEXT field or in branching logic on the same form where the form status field exists, changing the value of the form status field would mistakenly not trigger in real time the calcs/branching that reference it. Bug emerged in REDCap 15.0.30 LTS and 15.5.0 Standard. (Ticket #259985)

Bug fix: If a survey is set so that the Submit buttons will always be hidden, there might be ways of triggering the survey submission using JavaScript or other means. This will now be prevented so that no survey submissions are possible. (Ticket #217159b)

Bug fix: If the [scatter-plot] smart variable is used with two or three fields as parameters, the x-axis field label would mistakenly not be displayed in the smart chart.

Bug fix: In longitudinal projects that contain a very large amount of events (e.g., >1000), the processing of certain logic, including calculated fields, could get overloaded and lead to calculation errors or logic errors on a data entry form or survey page.

Bug fix: In some cases, when alerts that are scheduled to be sent in the past from when they are actually triggered, the Alerts & Notification log page would crash with a fatal PHP error. (Ticket #260241)

Bug fix: Randomization might mistakenly fail and result in an inconsistent state if one of the strata field values is in violation of a custom data quality rule that has real-time execution enabled. (Ticket #260238)

Bug fix: SJIS-encoded CSV data would mistakenly fail to import properly into a project and would result in the data being mangled and non-readable in the project. (Ticket #255158)

Bug fix: Some baseline date issues exist for MyCap-enabled projects. Each time the MyCap instruction steps are saved (without any changes) from an additional setting popup, it would enable the "Publish" button. When the baseline date field is updated, there is no need to publish changes, thus there is no need to ask for confirmation upon saving.

Bug fix: Some text was missing from the instructions on the CDISC ODM tab of the Data Import Tool page.

Bug fix: The "Fix Issues" button still appears in the Online Designer for MyCap-enabled projects if Battery instruments are added (and not enabled for MyCap).

Bug fix: The REDCap upgrade process might halt or display a warning when executing the Upgrade SQL script if the database server is on certain specific older versions of MariaDB/MySQL. Bug emerged in the previous version. (Ticket #260070)

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument and the calculation is set to always return a non-blank value, in which the first repeating instance for that repeating instrument is being deleted via data entry form when no other repeating instances exist for that instrument, that first instance might suddenly get recreated during the process of deleting it. Thus, the first instance is never able to be deleted. (Ticket #257203)

Bug fix: When a user chooses to erase all data in a development project or moves the project to production while deleting all data, any "Lock/Unlock Record" events on the project logging page would fail to be removed during this process. (Ticket #259787)

Bug fix: When a user is suspended but attempts to log in to REDCap, the system would mistakenly set the user's "last login time" during the attempt, which could be confusing to an administrator looking at their account details since they are suspended. This only occurs for certain authentication methods. Going forward, it will set a user's "last login time" during a login attempt only if they are not suspended. (Ticket #260052)

Bug fix: When editing a report, the Quick Set feature for fields would mistakenly ignore checkbox field names when pasted in the "checkbox_field__code" notation and it did not give proper visual feedback when a long operation (i.e., adding lots of fields) was in process.

Bug fix: When using "LDAP" or "LDAP & Table-based" authentication, some previously working LDAP configurations would no longer work successfully anymore without modifications to the ldap_config.php file. Bug emerged in REDCap 15.2.1. (Ticket #251495, #254589, #259966)

Bug fix: When using CDIS, the CDIS Mapping Helper tool might occasionally crash due to missing data. (Ticket #259746)

Bug fix: When using certain outgoing email services (e.g., SendGrid), any email sent from REDCap that contains an email address that is duplicated in the To field would fail to send.

Bug fix: When using quotes in the new Custom CSS feature (e.g., in attribute selectors), these were mistakenly rendered as HTML entities, causing the affected CSS rule to not work as expected.

Version 15.5.4(released on 2025-07-17)

Bug fix: Much of the text displayed for the locking/unlocking process on a data entry form was mistakenly not abstracted and thus could not be translated using language INI files or using Multi-Language Management. (Ticket #259567)

Bug fix: Some JavaScript functions used for piping were not optimized well and could cause the piping process to possibly be slow in some cases. (Ticket #259064b)

Bug fix: When a MyCap participant joins/deletes/rejoins a project in the MyCap app, some messages would mistakenly get sent for that participant as if they were automated messages.

Bug fix: When an administrator is changing settings on the Edit Project Settings page for a given project, the resulting logged event of the changes (which is only accessible on the User Activity Log page in the Control Center) would mistakenly not note the PID of the project whose settings were modified, thus making it difficult to determine to what project the logged event belonged.

Bug fix: When navigating to the Online Designer in a MyCap-enabled project that contains many records (e.g., several thousand or more), the Online Designer page might take an unnecessarily long time to load.

Bug fix: When using the Copy Project page and checking the checkbox to copy all records, if any stored data in the project would fail various field validation checks, then the project would be copied successfully but the data would not. Also, no error would occur when this happened. Bug emerged in REDCap 15.5.1 Standard. (Ticket #259472)

Bug fix: When viewing the Data History popup of a File Upload field on a data entry form, in which a previous version of the file has been deleted, the "Information/Action" column in the dialog would note the time of the file's deletion but would mistakenly omit the username of the user who deleted it.

Change: Small text changes for a MyCap-related warning in the ASI dialog in the Online Designer.

Change: Small text changes for a MyCap-related warning on the MLM setup page.

Version 15.5.3(released on 2025-07-14)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on data entry forms and survey pages, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This

vulnerability can be exploited by authenticated users and also by survey participants entering data. Bug exists in all REDCap versions.

Major bug fix: The Copy Project page might mistakenly not allow copying a project and all its records in certain cases, even if the system-level setting for "Record limit for development projects" is not enabled. This was partly fixed in the previous version because it appeared on the page that records could be copied, but when attempted by a user, the records would actually not get copied. (Ticket #259462)

Bug fix: When creating reports that use a form status field as a report filter, the "simple logic (choose fields from list)" user interface in Step 3 would mistakenly not provide a "blank" value option as a choice in the drop-down for the form status field.

Version 15.5.2(released on 2025-07-13)

Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is saved via specific REDCap endpoints or is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.

Major security fix: An SQL Injection vulnerability was found in the AI feature "Summarize free-form text data on reports", in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.

Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Control Center CDIS setup page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into a POST request. This can be exploited only by REDCap administrators that are currently logged in. Bug exists in REDCap versions 14.1.0 and higher.

Various bug fixes and improvements for the External Module Framework, including new API endpoints for External Modules. Please see the EM Framework documentation for me info.

Bug fix: The Copy Project page might mistakenly prevent users from copying a project and all its records in certain cases, even if the system-level setting for "Record limit for development projects" is not enabled. (Ticket #259433)

Bug fix: When uploading a Project XML file to create a new project that contains repeating instruments, in some rare cases the process might mistakenly stop and result in an error saying "ERROR: Trying to import repeat instance/instrument fields", which is confusing.

Version 15.5.1(released on 2025-07-10)

Improvement/change: When creating a new project that initially contains one or more records, whether the project is created using the Copy Project page or by uploading a Project XML (metadata+data) file, the new project will have the data values for all initial records appropriately logged on the Logging page. This will help with transparency regarding when a data value was entered (e.g., when viewing the Data History popup) if a record was added during the project creation process. In previous versions, the logging of initial records in the project was not performed for various intentional reasons. (Ticket #258165)

Improvement: In connection with the new "Quick Set" feature used when adding fields to a report, a new link exists next to that button to allow users to copy the field names of all current fields in the report to the user's clipboard.

Improvement: MLM manuals (PDF) for admins and end users are now included for download in REDCap.

Improvement: The Form Display Logic setup dialog now contains a new option for MyCap-enabled projects: "Enable support for MyCap App". Checking this checkbox will cause all FDL conditions to be applied in the MyCap app. This is a good way to use conditional logic to disable specific MyCap tasks in the app for MyCap participants.

Security improvement: REDCap now sets a Content Security Policy (CSP) header to meet minimum security requirements while still being flexible with regard to not breaking External Modules and legacy code in REDCap's codebase. Note: If a CSP header has already been set by the web server, then REDCap will not override that header as a means of allowing an institution to provide a more strict CSP header (if they desire) to meet higher security requirements.

Change/Improvement: Improved data handling was added for CDP and Custom DDP projects for more efficiency.

Change: The wording for the "Language preference field" on the Multi-Language Management setup page has been updated to better reflect its function.

Change: When the AI translation feature is used for MLM, the prompt supplied to the AI service now includes the language ID of the target language in addition to the language's

display name (e.g., a language set up as es-AR, Spanish, will result in "Translate to Spanish (es-AR) ...".

Bug fix: For the new "Record Limit" setting at the bottom of the Edit Project Settings page, it mistakenly said "0=No Limit", which is true for the system-level setting for this feature but not for the project-level setting. That text has been replaced with "0=The global value will be used for this setting" to reflect how it really behaves.

Bug fix: If the "File Upload Settings" page's system-level setting "Allow file attachments to be uploaded for data queries in the Data Resolution Workflow" is set to "Disabled", the DRW dialog in a project would still display the option to allow users to upload a file for an opened data query, even though the file upload process would fail when attempted. (Ticket #259107)

Bug fix: If the system-level setting for "Record limit for development projects" has been enabled, the Copy Project page would mistakenly not prevent users from copying a project and all its records if the number of records in the project currently exceeds the system-level record limit. Going forward, it will allow the user to copy the project without its records and thus will disable the option to also copy the records if they exceed the record limit.

Bug fix: In longitudinal projects containing repeating events that have CALCTEXT fields or calculated fields whose calc references a field on a repeating event that currently contains no data, server-side calculations of the field might mistakenly return an incorrect value, thus leading to a perpetual red-bar on the CALCTEXT/calc field when saving the data entry form where the field is located. Bug emerged in REDCap 15.0.28 LTS and 15.4.4 Standard. (Ticket #259154)

Bug fix: On the MLM setup page, pasting the default text into the rich text editor would not work in some cases, such as for custom survey queue messages. Also, accepting a translation as still valid did not reset the UI. Additionally, the tooltip for the export form button was missing.

Bug fix: Some JavaScript functions used for piping were not optimized well and could cause the piping process to possibly be slow in some cases. (Ticket #259064)

Bug fix: The "Events" link on the left-hand project menu would mistakenly not appear right after longitudinal data collection had been enabled, but would only appear after more than one event had been created in the project.

Version 15.5.1(released on 2025-07-10)

Bug fix: The MLM action tag LANGUAGE-MENU-STATIC did not work as expected on multi-page surveys. It now only affects the page to which it is applied.

Bug fix: The UI icon on the MLM setup page mistakenly did not reflect a language's subscription status.

Bug fix: There was an inconsistency when evaluating logic for report filters, custom data quality rules, and custom record status dashboards with regard to how blank/null values are considered in comparison to incomplete values for form status fields. (Ticket #259042)

Bug fix: When an administrator is accessing the File Repository while impersonating a non-admin user in the project, in which some folders in the File Repository have been set as admin-restricted, the admin would mistakenly be able to view the admin-restricted folders (although not any of the files inside the folder). This was merely a quirk of using the "View project as user" admin feature but has been fixed so that the admin will not see those folders when impersonating a non-admin. Note: This does not affect normal users using the File Repository. (Ticket #259033)

Bug fix: When taking a survey that contains enhanced checkbox fields while using a mobile device, deselecting an already-selected checkbox would mistakenly cause it to retain its background color, thus appearing to still be selected when it is not. (Ticket #258971)

Bug fix: When using CDIS, the page for selecting an EHR system in the launch from EHR flow was missing.

Version 15.5.0(released on 2025-07-03)

New feature: Admin-restricted folders in the File Repository

Summary: Administrators (specifically, admins with access to all projects) may now create new folders in a project's File Repository that limit the folder's access to REDCap administrators only. This will allow admins to store project-level specific files that should not be accessible to normal users in the project for whatever reason.

Notes: Normal users will not be able to see or access admin-restricted folders.

Additionally, if files are deleted from an admin-restricted folder, thus ending up in the Recycle Bin folder, non-admins will not be able to view those files in the Recycle Bin. Any subfolders created inside an admin-restricted folder will itself only be accessible to admins.

New feature: Custom CSS styling for individual forms and surveys

Users may now optionally define custom CSS styling for an individual survey on the Survey Settings page, and on the field-level Online Designer page they may define custom CSS styling for that data entry form. The form and survey CSS are separate controls that are only applied on a data entry form and survey page, respectively.

The form-level CSS setting (but not the survey CSS setting) is subject to draft mode when in production status, and if a change is made to the form-level custom CSS, a side-by-side comparison of the changes can be seen on the draft mode project modifications review page before the drafted changes are approved.

The survey-level custom CSS setting on a given survey can be easily copied to other surveys in the project using the "Copy design to other surveys" button on the Survey Settings page.

Note: There is a warning on both the form and survey custom CSS settings that informs users of the following things: "Use with caution. Please note that targeting internal REDCap elements (e.g., specific classes or IDs) may break without notice, as updates to REDCap can change or remove these elements at any time. Stability of these selectors across versions is not guaranteed, and any changes to them will not be announced in advance."

New feature: Record limit for development projects

Summary: If enabled, a warning message will be displayed in the project's user interface to inform users that more records cannot be created in the project after the record limit has been met, and users will be prevented from creating any new records in the project. This record limit is only enforced on projects in development status. Once a project is in production or is inactive, this check will not be performed.

How to enable: On the General Configuration page in the Control Center, administrators may set the maximum number of records that can be created while a project is in development status, which will be applied by default to all projects in the system. This is a system-level setting. The default value of "0" for this setting implies that the feature is disabled - i.e., that there is no record limit. If set to an integer greater than 0, once a project has reached that amount of records and is still in development status, no new records will be able to be created in that project.

The notice displayed to users: If a user attempts to create a new record (whether via data import, API, REDCap::saveData(), or a Project XML file containing records), they will be presented with an error message saying the operation could not complete because the max record limit has been met already. If importing multiple records at a time or if creating a project via Project XML file containing multiple records, in which the process would result

in the project exceeding the record limit, no part of the process will be performed in that case (no records will be imported and the project will not be created, respectively).

Note: If a project was in production status but then an administrator moved it back into development, it will now be subject to this record limit, if enabled. Additionally, if this setting is enabled on a project that has already exceeded the record limit, it will not affect any existing records in the project but will merely prevent new records from being created.

Public survey note: Keep in mind that if the record limit setting is enabled suddenly on a development project that is currently collecting data via a public survey, in which the project has already met the record limit, this will effectively shut down the public survey and prevent any new responses from being entered. This could cause confusion for your users and their survey participants, so consider this carefully.

Project Override: A project-level override exists for the system-level setting, and it can be found on a project's Edit Project Settings page. If an override has been set to a value larger than "0", then that value will be used as the record limit for that specific project while the project is in development status. In the situation that the system-level record limit has been defined but you also wish to allow certain projects to [virtually] have no limit, you can set their project-level value to "999999999", for example.

Special case: If administrators wish not to impose a record limit for their existing projects but do wish to automatically impose a limit going forward for new projects, they may run the following SQL query and then set the system-level record limit setting to their desired value afterward: `UPDATE redcap_projects SET max_records_development = 999999999;`

Improvement/change: The EHR authorization workflow for CDIS now uses the Twig templating engine instead of Blade. Additionally, the enhanced error page now displays a list of relevant pages visited during the user's EHR authorization workflow, thus providing better debugging information for troubleshooting issues.

Improvement: On the Edit Report page, Step 2 now has a "Quick Set" feature that allows users to add or replace report fields by pasting field names from the clipboard or by entering manually. Additionally, the existing "Quick Add" feature now has links to copy all or selected field names to the clipboard.

Change: The Twig 3 library is now bundled in REDCap itself. In REDCap 14.6.4, Twig support was added directly to the REDCap EM Framework, but now it is also available outside the EM Framework for usage in internal REDCap code. Please note that if any EMs are currently using Twig with a version below 3.9.0, a compatibility issue might occur, in which case it is suggested that the Twig dependency be removed from the EM.

Change: The size of the session data storage column in the database has been increased to allow for larger session sizes in the future.

Change: When performing a data export in a project that has Randomization enabled and fully set up, the data export dialog now mentions the Randomization publication (<https://dx.doi.org/10.2139/ssrn.5261054>) that might need to be cited in published manuscripts relating to the current REDCap project.

Change: When performing a data export in a project that has one or more External Modules enabled, the data export dialog now mentions the External Module Framework publication (<https://doi.org/10.1093/jamia/ocaf073>) that might need to be cited in published manuscripts relating to the current REDCap project.

Bug fix: If calculations, CALCTEXT, or branching logic references the form status field for the current form, in which the form currently has a gray status icon, the calc/logic would return an inconsistent value for the form status field compared to when the same calc/logic is utilized on another instrument or on the survey version of the current instrument. In this case, the current form would mistakenly report the form status value as being "0", while other forms would report it to be blank. Going forward, if the form has a gray status icon, all references to the form's form status field will report it as having a blank value.

Bug fix: Users with form-level Data Export Rights that are "De-identified" or "Remove All Identifier Fields" would mistakenly see data from identifier fields inside the header or footer of a downloaded PDF from an e-Consent survey if the survey's e-Consent settings have a field selected for first name, last name, or date of birth or if one or more identifier fields are piped into the "Custom label for PDF header" e-Consent setting. It should instead display the text "[DATA REMOVED]" in place of the identifier field data in the PDF header/footer in this case. (Ticket #258954)

Bug fix: When MLM is active, SQL field choices and their selected value might not render correctly in instrument PDFs. (Ticket #258463)

Bug fix: When a previous message is selected from the drop-down list in the Compose Survey Invitations dialog and there was no user-interaction with the email body text editor afterward, the content of the body of the sent email was not getting updated. (Ticket #258514)

Bug fix: When downloading a project's data dictionary, depending on the user's CSV Delimiter preference set on their user profile page, the process would fail with a fatal PHP error. (Ticket #258630)

Bug fix: When logic is being evaluated in a project that has Missing Data Codes defined, in which a field in the logic is a multiple choice field with a numeric coding for every choice, if none of the Missing Data codes in the project are numeric, then the logic might not evaluate as expected if the multiple choice field's value for a given record is a Missing Data Code. (Ticket #258516)

Bug fix: When using a Text Box field with date, time, datetime, or datetime w/ seconds validation as the x-axis field for a [scatter-plot] or [line-chart] Smart Chart, the chart would mistakenly not display the data correctly. Bug emerged in REDCap 14.8.1. (Ticket #107721b)

Bug fix: When using the "Copy instrument" option in the "Instrument actions" drop-down in the Online Designer for a given instrument, if the project language is set to "Japanese", any text labels in the instrument that have Japanese (Shift-JIS) encoding would mistakenly become corrupt in the new instrument created. (Ticket #258729)

Bug: The Control Center check for ensuring that the REDCap "temp" folder is not accessible via the public web might not always report an accurate finding.

EM Framework specific bug fixes: 1) Fixed displaying of images in some cases. 2) Fixed loadREDCapJS to include both REDCap bundle files.

Version 15.4.5(released on 2025-06-26)

Major security fix: An SQL Injection vulnerability was found on the Survey Settings page, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users. Bug exists in all versions of REDCap.

Improvement: Icons/indicators for repeating instruments and repeating events have been added on several project pages (Define My Events, Designate Forms, Online Designer) in order to create more awareness for users with Setup/Design rights regarding which instruments or events are set as repeating. (Ticket #258435)

Improvement: REDCap now supports the "wbr" HTML tag so that it may be utilized in user input (e.g., field labels, survey instructions).

Improvement: When using MyCap, there now exists support for latitude and longitude fields (via action tags @latitude and @longitude) inside MyCap tasks when participants open a task in the MyCap app.

Major bug fix: The third-party library PDFJS (used for inline PDF display in REDCap) contained .mjs files, which are supported by modern browsers but might not be able to be

served correctly by some web servers (depending on the server's default MIME type table). The library has been modified so that the .mjs files were renamed to a .js extension to be fully compatible with all web servers.

Change: For improved compatibility purposes, the "includeSubDomains" attribute was added to REDCap's "Strict-Transport-Security" HTTP header.

Change: In the Online Designer's "Edit Field" dialog in a MyCap-enabled project, the field validation drop-down on MyCap-specific fields will be disabled so that users won't be able to change the validation because changing the validation could cause sync issues with the MyCap app while saving task results.

Change: The MLM Snapshot facility on the MLM setup page has been moved from the Settings tab to the Languages tab and slightly updated (visual, explanatory text).

Change: The text displayed underneath the "Save & Return Later" option where a participant can enter their email address (in order to receive the survey link via email) has been modified slightly to indicate that while the participant's email address will not be stored with their survey responses, it will be stored in the system's email logs. This change is to improve transparency to the participant. (Ticket #244381)

Bug fix: For projects whose project language is set to "Japanese", the footer text of PDFs exported from the project would mistakenly not be displayed correctly as Japanese/SJIS text. (Ticket #258558)

Bug fix: In a classic/non-longitudinal project before a record has been selected, the left-hand menu would display the links for all the data collection instruments, but the links would mistakenly be disabled and not clickable.

Bug fix: In certain cases when MLM is enabled and a Secondary Unique Field is hidden by branching logic, the SUF would mistakenly end up being readonly/not editable. (Ticket #252602)

Bug fix: In most cases, the server-side processing of REDCap logic would not be able to evaluate a form status complete field's value properly if the form had a gray icon form status (i.e., no data). Going forward, users will now be able to properly reference the blank/null value (e.g., [form1_complete] = ""). (Ticket #258216)

Bug fix: On the MLM setup page, the "Create Snapshot" button was mistakenly not disabled when there are no saved languages.

Bug fix: Some Form Display Logic rules might not get interpreted correctly if any rules contain a comment at the end of their logic. (Ticket #258553)

Bug fix: The MyCap "unresolved sync issues" count was mistakenly not included in the "all notifications count" that is displayed for the "MyCap Participant Management" link on the left-hand project menu.

Bug fix: When a required field is reset through server-side validation on a survey, REDCap might mistakenly mark the survey as completed. (Ticket #257378)

Bug fix: When a user triggers a PDF Snapshot, in which the user has "No Access" Data Export Rights for some instruments to be included inside the snapshot, those instruments to which they do not have data export rights will mistakenly not be included in the resulting snapshot that gets saved in the project. (Ticket #258337)

Bug fix: When using Entra ID authentication, in which Microsoft's multi-factor authentication is being imposed via Entra ID, if a user's status somehow changes from on-VPN to off-VPN (or vice versa) during their REDCap session, it could result in a confusing fatal PHP error message. There's no way to prevent this issue on the REDCap side, but going forward, it will fail more gracefully by just allowing the user to log in again.

Bug fix: When using Twilio or Mosio to send survey invitations via SMS, in which the option "SMS invitation (take survey via SMS conversation)" is selected for the outgoing invitations for surveys, if subsequent invitations are sent before the participant is able to complete the previous ones, then when the participant enters their survey responses, it would mistakenly get saved to the last survey invitation sent. This behavior should only occur when the "Behavior for overlapping SMS invitations" setting is set to "Use only most recent invitation (ignore previously sent invitations)", but it was happening for all behavior options. (Ticket #257669)

Bug fix: When utilizing the locking and e-signature features on an instrument that has the e-Consent Framework enabled, if the instrument has already been completed as an e-Consent survey and then a user locked the instrument afterward, a user then attempting to e-sign the instrument will get an error message saying that the page could not be saved. In this case, the page should not be submitted/saved at all (since no data is allowed to change on the e-Consent response) but it should only be e-signed and then reloaded to reflect the e-signed state. (Ticket #258264)

CDIS-related bug fixes:

Mapping Helper: Fixed the "Copy FHIR ID" button in the Mapping Helper.

Mapping Helper: HTML content is now rendered properly instead of displaying raw tags.

CDIS projects: Added HTML sanitization when parsing content from DocumentReference.

Version 15.4.4(released on 2025-06-19)

Major security fix: The third-party library named PDFJS contained a vulnerability that would allow arbitrary JavaScript execution. The PDFJS library in REDCap was upgraded to a non-vulnerable version. This vulnerability can be exploited by authenticated users and also by survey participants. Bug exists in REDCap versions 14.3.4 and higher.

Improvement: The "Help & FAQ" page has been updated with new content (thanks to the FAQ Committee).

Major bug fix: When a user is adding a new instance for a repeating event on the Record Home Page, the gray form status icons in the new table column might mistakenly take the user to an existing instance instead of a new, not-yet-created repeating event instance in the record, which could cause data to be entered in the wrong instance. Bug emerged in 15.3.2 Standard. (Ticket #257891)

Change/improvement: When a project has a large number of users and/or surveys, the Survey Notifications setup dialog in the Online Designer might become very large and might crash in certain cases. Now, if it is detected that the dialog content will be very large, the user interface will change slightly into a two-step process to allow the user to select the survey first and then the users second, which is more user friendly in this situation and prevents the dialog from crashing or timing out.

Bug fix: Excessive querying might cause each project page load slightly slower than expected.

Bug fix: Further issues fixed for when opening certain dialogs on various pages might mistakenly cause the page to scroll up or down on its own.

Bug fix: If certain MyCap-related Smart Variables are piped inside the body of an alert or ASI, it might cause the REDCap cron job to fail with a fatal PHP error and not finish when trying to send out alerts or survey invitations. (Ticket #257796)

Bug fix: In certain cases, the MLM setup page might fail to load correctly. (Ticket #118463)

Bug fix: In certain places in REDCap, such as when viewing the Field Comment Log, the page might crash with a fatal PHP error if the content of the Field Comment Log is in a certain or unknown encoding. (Ticket #257616)

Bug fix: In some cases where calculations depended on the results of other calculations, REDCap failed to be able to complete the downstream calculations. (Ticket #258068)

Bug fix: In some cases, calculated fields did not have their value updated as expected when some of their dependent variables were hidden by branching logic. (Ticket #258068)

Bug fix: In very specific situations, Data Quality rule B might mistakenly not return all results for some fields that exist on repeating instruments and contain branching logic that references fields on the same repeating instrument or another repeating instrument. (Ticket #257170)

Bug fix: On a survey with "Large" or "Very Large" text size, if a checkbox field is embedded into a multiple choice option and has Left/Horizontal or Right/Horizontal alignment, the embedded checkbox option would mistakenly be slightly cut-off on the page. (Ticket #257427)

Bug fix: Some of the extra logging details seen in the past on the Logging page for File Repository operations were mistakenly no longer displayed on the page. (Ticket #257587)

Bug fix: Surveys taken on mobile devices would mistakenly auto-scroll when a hidden multiple choice field's value was preset (e.g., through a URL parameter).

Bug fix: There were inconsistencies in specific parts of the rendering of PDFs (e.g., font styles, spacing).

Bug fix: When Rapid Retrieval is enabled in the system and the Rapid Retrieval caching process attempts to store large or complex data structures, the process may result in memory exhaustion or serialization failure, leading to fatal PHP errors.

Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always return a non-blank value, if the field exists on an event that has no data for the current record, the first instance of the repeating instrument might suddenly get created on the event with no data when entering data on another event during the data entry process. (Ticket #257848)

Bug fix: When a field with "Number (comma as decimal)" field validation is used in a calc or CALCTEXT field's calculation, it might cause server-side calculations, such as data imports and Data Quality rule H, to mistakenly not return a correct response. (Ticket #258159)

Bug fix: When copying a report that has one or more custom AI prompts saved for the report, the copy process would fail with an error. (Ticket #257485)

Bug fix: When exiting Draft Mode when a project is in production status when MLM is being utilized, some MLM queries might fail and cause lasting issues in the project if the REDCap installation has had the auto-incremented Primary Key added to all database tables. (Ticket #257782)

Bug fix: When using DDP Custom, the DDP mapping page might not load in certain situations. Additionally, some issues might occur on the page when using a proxy with DDP Custom. (Ticket #257937)

Bug fix: When using any "X & Table-based" authentication method together with Two-Factor Authentication enabled in REDCap, in which the "Enforce two-factor authentication ONLY for Table-based users" setting is set to "Yes" and the "Enable the Google/Microsoft Authenticator app option for 2FA" setting is enabled, the QR code and setup procedure information for setting up the Authenticator app would mistakenly not be displayed to non-Table-based users on the user's Profile page, even when the "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password" setting is enabled. Bug emerged in REDCap 14.5.37 LTS and 15.0.3 Standard. (Ticket #257117)

Bug fix: When using inline comments inside the calculation of a calculated field during a data dictionary import, the calculation might mistakenly not get parsed correctly, thus causing the CSV upload to fail due to an error. (Ticket #257733)

Bug fix: When using `min()`, `max()`, `stdev()`, and other similar mathematical functions, in which one or more parameters used in the function is a blank value, there are certain cases where the function might mistakenly return a blank value instead of the expected value.

Bug fix: When using the "Test logic with a record" feature in several places throughout REDCap, in which the logic contains one or more smart variables but does not contain any field variables, the response might be incorrect. (Ticket #257698)

Bug fix: When using the 2FA setting "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password", in which Twilio SMS is enabled as a 2FA option but the user does not have a mobile phone number provided in their REDCap user profile, the "Obtain PIN via SMS" button in the e-Signature dialog would mistakenly be clickable when performing an e-Signature on a data entry form. In this case, clicking the button would fail and display an error. Now, it instead just keeps the button disabled until a mobile phone number has been provided in the user's profile.

Version 15.4.3(released on 2025-06-12)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into any user input that is then output on a page in REDCap (e.g., field labels, survey instructions, survey response data displayed on a report). This vulnerability can be exploited by authenticated users and also by survey participants entering data. Bug exists in all REDCap versions.

Improvement: Users can now specify the custom paging size for the repeating instrument popups/tables seen on the Record Home Page, Record Status Dashboard, and left-hand project menu. This will allow users to control the size of the instance tables in case they want to see more instances all at once on the page. (Ticket #256910)

Bug fix: In a CDIS-enabled project, under certain circumstances, pages might mistakenly crash with a fatal PHP error. (Ticket #257262)

Bug fix: In certain cases with a CALCTEXT field, a plus or minus sign would mistakenly be replaced by "1+1" in the CALCTEXT result. (Ticket #257373)

Bug fix: In certain rare situations, the Notifications Log page for Alerts might mistakenly crash with a fatal PHP error. (Ticket #257207)

Bug fix: When copying a project that has the Secondary Unique Field enabled, the SUF sub-settings (as seen in the Additional Customizations dialog on the Project Setup page) would mistakenly not get copied to the new project. (Ticket #257095)

Bug fix: When opening and then closing the Additional Customizations dialog on the Project Setup page without saving any changes to settings in the dialog, the values of the settings inside the dialog would mistakenly not reset to their initial values when re-opening the dialog again later, unless the page is refreshed. (Ticket #257095)

Bug fix: When using CDIS, users might encounter crashes when refreshing FHIR tokens, and their FHIR token status might not display correctly in the user interface in the project.

Bug fix: When using Clinical Data Pull for CDIS, the record_identifier_external value has been updated to use a default when the expected data is missing-often due to a mapping issue. This caused display problems in the CDP adjudication table.

Version 15.4.2(released on 2025-05-29)

Major security fix: The third-party library named Axios contained a Server-Side Request Forgery (SSRF) vulnerability. The Axios library in REDCap was upgraded to a non-vulnerable version. This can only be exploited by an authenticated user.

Improvement: If using "OpenID Connect" or "OIDC & Table-based" authentication, administrators are now able to manually specify the scopes used by OIDC during the user authentication process. In previous versions, the scopes would be determined automatically, which is the default behavior, but if that is not desired, all necessary scopes can now be provided on the "Security & Authentication" page as comma-delimited values (e.g., "openid, profile, email"). (Ticket #255738)

Improvement: In MyCap-enabled projects, the Contacts, Links, and About pages for MyCap are now Data Access Group specific, so users can provide different content for those pages for participants in different DAGs. In the MyCap app, participants assigned to a DAG will see DAG-specific information, and any information not assigned to any DAG will be visible for all participants.

Major bug fix: When using randomization in a longitudinal project with multiple arms, in which a record is deleted after being randomized, the record's allocation in the allocation table would mistakenly not get removed when the record is deleted. Thus, its allocation would not be freed up to be utilized by another record later. Additionally, if a new record was created with the same name as the deleted record, it would show the new record as having been randomized on the data entry form and on the randomization dashboard when in fact that new record had not been randomized. Bug emerged in REDCap 14.7.0. (Ticket #256870)

Change/improvement: In a MyCap-enabled project, the QR code image in the MyCap "Invitation Participant" dialog and invitation template has been increased in size, which helps with particular mobile devices.

Change: Added a new link ("MTB Data Analysis") on the "Import Active Task->Mobile Toolbox" popup page for MyCap enabled projects.

Bug fix: In a longitudinal project that has calculations that reference fields on repeating instruments for various events, in which those fields exist on events that do not yet have any data for a given record, the calculation might mistakenly return a blank value rather than the correct value. (Ticket #255308)

Bug fix: Issue in the user interface of the Email Users page where the new/edit Filter form was not displayed properly.

Bug fix: The Control Center would mistakenly display a false positive saying that there are issues with the database structure. This would occur in REDCap installations that have not performed the Unicode Transformation process yet and are using MySQL with the UTFMB3 character set for their REDCap database tables. Bug emerged in the previous version. (Ticket #256653)

Bug fix: The data search feature on the Add/Edit Records page might return display artifacts and thus will not display correctly if fields contain HTML tags in their data values.

Bug fix: The new "designated field" warning icon next to an instrument's "Automated Invitations" button in the Online Designer would mistakenly be displayed for all

instruments when instead it should only be displayed for instruments that currently have Automated Survey Invitations enabled.

Bug fix: The table on the Record Home Page was mistakenly missing borders for all of its table cells.

Bug fix: When syncing data back to the server from the REDCap Mobile App, in certain situations a fatal PHP error might occur that would result in an error message in the mobile app, which would stop the sync process. (Ticket #256175)

Bug fix: When using CDIS in a project, the CDIS patient navbar in the project header might not render correctly on the page.

Bug fix: When using Clinical Data Pull in CDIS, in which REDCap is launched from the EHR and tries to fetch patient data, rare lookup failures could result in an unhandled error and abort the launch.

Bug fix: When using DDP Custom, empty or invalid API responses to the DDP web services would not fail gracefully but would result in a fatal PHP error. They now return an appropriate error message. (Ticket #256604)

Bug fix: When using certain outgoing email services (e.g., SendGrid), any email sent from REDCap that contains an email address that is duplicated in the To, CC, or BCC address fields would fail to send.

Bug fix: When using randomization smart variables that do not have a ":n" appended to them (e.g., [rand-time]), server-side logic parsing (e.g., ASIs, Alerts, Survey Queue) would fail to interpret the logic correctly and might return unexpected results. Bug emerged in REDCap 14.7.0. (Ticket #256543)

Bug fix: When using the e-Consent Framework with certain types of PDF files as the consent form, there is the possibility that the PDF consent form might be truncated when added to the REDCap-generated PDF that is stored in the File Repository afterward. (Ticket #255741b)

EM Framework related bug fixes: Fixed API from returning incorrect value to modules. Fixed buttons not working in module settings. Fix for displaying files uploaded to rich text settings. Fixed a bug preventing files without extensions from getting excluded when setting imports and exports. Updated the security scan tool's minimum PHP version to PHP 8.0.2.

Version 15.4.1(released on 2025-05-22)

Improvement: For MyCap-enabled projects, a new column (Record ID with hyperlink) was added to the Sync Issues list and Sync Issue detail popup for MyCap so that users can access records more easily.

Improvement: MyCap-enabled projects are now able to receive data for Signature type fields from the MyCap mobile app. In previous versions, Signature fields could not be used in the MyCap app.

Improvement: The Codebook page now displays the event IDs in the Events table. (Ticket #256003, #256082)

Major bug fix: When changing the case of an MLM language ID only on the Multi-Language Management setup page, that MLM language would mistakenly get deleted in the project. (Ticket #256331)

Major bug fix: When performing an Easy Upgrade to REDCap 15.0.23 (LTS), 15.0.24 (LTS), 15.3.3 (Standard), or 15.4.0 (Standard) from a previous version, the upgrade process would fail with an unknown error. (Ticket #256400)

Change/improvement: A helpful warning is displayed in the Online Designer to remind users to enable the designated email field in their project if they are using Automated Survey Invitations in certain situations. The warning is displayed next to a survey/ASI button if 1) the designated email field is not enabled (in the project or for the survey), 2) the project is not using Twilio/Mosio for surveys, and 3) no participants have had their email address manually added to an initial survey via the Participant List page.

Change/improvement: Hitting the ESC key when viewing REDCap dialogs should now only close the (topmost) dialog if multiple dialogs are visible on the page. (Note: This should work in 95% of places in REDCap but may not work in all cases depending on how the dialog is invoked in the REDCap code.)

Change: In the recent change of repeating tables display, the custom label was rendered as a link. This has been reverted to not conflict with some use cases (such as copying parts of the label, having links in the label, etc). Note that it is still possible to get to an instance by clicking the form status icon and also by double-clicking anywhere in its row.

Change: Minor text changes were made to the invitation text for MyCap participants to reflect a recent change to the profile creation process in the MyCap app.

Bug fix: Data Quality Rule C would mistakenly return false positives for the form status complete field for all repeating instruments that contain data. This bug was supposedly

fixed in REDCap 15.0.21 LTS and 15.3.1 Standard, but mistakenly it was not. (Ticket #256184)

Bug fix: If using a specific "X & Table-based" authentication method that allows Table-based users to have an apostrophe in their username, when creating a new Table-based user with an apostrophe in their username, the user would mistakenly not be able to log in initially to set their password. This would cause the login page to keep redirecting over and over again. (Ticket #256519)

Bug fix: In some specific situations with calculated fields, such as when using mathematical exponents in the calculation, Data Quality rule H might mistakenly return a result that is not accurate. (Ticket #256467)

Bug fix: Some action tags would mistakenly not show up on the Online Designer underneath a field utilizing the tag.

Bug fix: The REDCap::getProjectXML() developer method would fail to output many of metadata/redcap tags in the "GlobalVariables" section of the XML file when the method parameter "returnMetadataOnly" was set to False. (Ticket #255826)

Bug fix: When a Table-based user is resetting their own password, the process would log the event as the user's "last activity" but not as their "last login", which could be confusing to administrators viewing the user's account history after the fact. It now also logs this as their "last login" since the password reset action does also serve as a login process. (Ticket #255541)

Bug fix: When creating a new project using a Project XML file, in which the original project contained one or more instruments that each had no fields (excluding the Form Status field), those instruments with no fields would fail to be created in the new project. (Ticket #253898)

Bug fix: When exiting Draft Mode in a production project, Draft Preview Mode exit was logged even when Draft Preview Mode was never entered.

Bug fix: When integers are used as MLM language IDs, those languages might not work correctly in all situations.

Bug fix: When performing the "Re-evaluate Alerts" action on the "Alerts & Notification" page, in which some already-scheduled alerts get unscheduled/removed during the re-evaluation process, the "Re-eval Results" dialog text might mistakenly inflate the number of notifications and records that were affected during the re-eval process. (Ticket #255236)

Bug fix: When retrieving data in "array" format from the developer method `REDCap::getData()`, if the "fields" parameter is explicitly provided, in which one or more fields in the "fields" array is from a repeating instrument, the array data returned from the method would mistakenly include the form status complete field of those repeating instruments whose fields were explicitly specified, even when the form status complete field itself was not specified to be returned.

Bug fix: When sending a survey invitation via the "Survey Options" menu at the top of a data entry form in a multi-arm project, if the current event being viewed does not belong to the first arm in the project, then the "To" email drop-down list would mistakenly not be visible in the dialog. (Ticket #255959)

Bug fix: When transferring Project XML files between different REDCap versions, in some cases, the MLM setup page would fail to load.

Bug fix: When using "Shibboleth" or "Shibboleth & Table-based" authentication, in which the "Set user information on each login" option is enabled and the system is set to send notification emails upon new user creation, those emails would mistakenly be sent any time the user information was updated on user login. This fixes that so that those emails are only sent if the user account did not previously exist.

Bug fix: When using Multi-Language Management, in some cases, piped labels were not translated properly in REDCap-generated PDFs. (Ticket #256369)

Bug fix: When using the "IP address exceptions" option for the Rate Limiter on the General Configuration page in the Control Center, the exception list might not be respected if the setting contains spaces between the IP address ranges. (Ticket #256029)

Bug fix: When viewing the Participant List page when thousands or more records exist in the project, the page might be disproportionately slow to load, especially the Compose Survey Invitations dialog, which might not even load at all in certain circumstances. (Ticket #256342)

Bug fix: When viewing the Record Home Page for a given record, in which the table is wide enough to display scrollbars along the bottom of the table, the table headers might mistakenly have a white background instead of the expected yellow background.

CDIS-related bug fixes:

When processing FHIR metadata CSVs, empty or malformed lines caused parsing errors. Fixed the parser to safely skip invalid lines.

When loading FHIR metadata files, inconsistent formatting caused unreliable parsing. Corrected file contents to ensure consistent structure.

When saving CDIS mappings, the logic triggered PHP 8 warnings. Adjusted the code to align with PHP 8 syntax requirements and suppress those warnings.

Version 15.4.0(released on 2025-05-15)

New feature: Pause Recurring Alerts setting - For alerts that are triggered by conditional logic, in which the alert has the "Ensure logic is still true..." checkbox checked, users can now utilize a new checkbox option titled "Allow pausing of recurrences? (Existing interval will continue if the logic becomes true again after becoming false.)". This setting is optional for Alerts & Notifications. When enabled together with the 'Ensure logic is still true...' setting, REDCap will pause (instead of deleting) any already-scheduled recurrences of this alert when the alert's logic becomes false. This is useful if you expect the logic to become true again in the future. This may be the case specifically with time-based logic, such as `datediff()`.

New feature: Universal DO-NOT-REPLY Email Address - For automated emails that come from the system and not from a specific person, REDCap can use a "do not reply" type of email address as the From address (and Reply-To address) if provided for this setting on the General Configuration page in the Control Center. This will help reduce confusion in certain cases where users might have a tendency to reply to certain automated emails, in which many of those emails currently go back to the catch-all administrator email address.

Improvement: Require 6-digit PIN only once per session when e-signing (2FA required)

If using Two-Factor Authentication, users can be allowed to provide their 6-digit PIN only once per session for e-signing processes (e.g. performing an e-signature on data entry forms or when utilizing the 'File Upload' field enhancement feature when uploading a file on a data entry form - often used for 21 CFR Part 11 compliance for FDA trials).

Normally, a username and password are required each time e-signing occurs, but when this system-level setting is enabled along with the setting "Allow users to e-sign using their 2FA 6-digit PIN" (which is required to be enabled for this feature to be enabled) while using 2FA, if a user has already performed the e-signing process, they will not be forced to enter their PIN again during that same REDCap session.

This feature is useful in cases where it can be burdensome or time-consuming to retrieve one's 2FA PIN each time one performs an e-signature. When a user utilizes this feature and performs an e-signature without a PIN, this action is noted on the project Logging page for transparency.

This setting is disabled by default but can be enabled in the "Two-Factor Authentication" section on the Security & Authentication page. Additionally, there exists a project-level override for the system-level setting on the "Edit Project Settings" page for a given project, in which it will default to use the system-level setting but can be explicitly set as disabled or enabled.

Improvement: The Break the Glass (BTG) feature in CDIS projects (for Epic only) now has an improved workflow that allows data to flow into REDCap from Epic when not utilizing the Patient (demographics) endpoint as part of the data pull process. In previous versions, it was a limitation that the system was not able to evaluate patients for BTG unless the Patient endpoint was explicitly requested. (Ticket #254439)

Change: The links in the "Project Home and Design" section of the left-hand project menu have been relocated slightly to be more consistent with where they were in pre-15.3.3 versions. Their recent change of location had caused some frustration for users.

Change: The warning text in the Control Center to warn administrators of REDCap's temp directory being publicly accessible has been modified for clarity since some found it to be confusing.

Bug fix: Custom EM action tags were no longer showing in the Online Designer beneath a field that has the action tag. Bug emerged in the previous version. (Ticket #255946)

Bug fix: For specific projects using Form Display Logic, a fatal PHP error might occur on the Record Home Page. (Ticket #255634)

Bug fix: If the "Upload or download DAGs/User-DAG assignments" drop-down menu is opened on the Data Access Groups page, the visible choices in the drop-down list might mistakenly overlap certain dialogs that are also opened at the same time on the same page. (Ticket #255835)

Bug fix: In a project that contains surveys that are also repeating instruments, the Record Status Dashboard would mistakenly display a blue stack form status icon for a repeating instrument if it contains a mix of only green and green-checkbox statuses, whereas in pre-15.3.2 versions it would instead display whatever the status icon is for the first instance. (Ticket #255728)

Bug fix: In some cases, fields with the DEFAULT action tag would show a red line (indicating a changed value) when they should not have. (Ticket #255624)

Bug fix: In some rare situations, inline PDFs might get truncated when being displayed inside a REDCap-generated PDF (e.g., e-Consent survey response) due to an improper detection of an alpha channel in some PDFs. (Ticket #255798)

Bug fix: In some situations, a cron job might be able to be run more than once at the same time, which generally should not cause issues, but now this situation is prevented in order to avoid any possible issues, such as race conditions. (Ticket #252371)

Bug fix: In some situations, branching logic errors might pop up after the auto-logout has occurred for an authenticated user. (Ticket #255624)

Bug fix: Some translations might mistakenly cause JavaScript errors on specific pages due to the lack of escaping of apostrophes. (Ticket #255828)

Bug fix: The built-in Data Quality rules (A through I) might mistakenly not output the redcap_repeat_instrument value for a discrepant field on a repeating instrument in a CSV export of the Data Quality rule. (Ticket #255903)

Bug fix: The default "Shibboleth Link Image URL" value for the REDCap Shibboleth Login page was outdated. (Ticket #255863)

Bug fix: The names of records on the Record Status Dashboard would sometimes unintentionally wrap to the next line if the name is long and/or contains a hyphen or space, whereas this did not occur in previous versions. (Ticket #255590)

Bug fix: Under certain specific conditions when using comments, smart variables, and datediff together inside REDCap logic or calculations, incorrect results could get produced. (Ticket #255489)

Bug fix: When importing ASI settings via a CSV file upload in the Online Designer, an error would occur if certain values in the CSV file are left blank, such as units_recurrence or num_recurrence. (Ticket #255603)

Bug fix: When using Shibboleth authentication (but not Shib & Table-based) with multiple IdPs and with the homepage announcement set, the announcement text would be shown on the login screen even when the option to show on login screen was set to "No". (Ticket #255969)

Bug fix: When using the "Obtain PIN via SMS" option to receive a 2FA PIN when performing an e-signature while using a non-LDAP/non-Table-based authentication, the text in the SMS message would mistakenly be tailored more for the SMS 2FA authentication option rather than for the e-signature SMS option. The SMS content for the e-signature PIN has been modified to be more appropriate.

Bug fix: When using the MLM setup page, an unnecessary "Changed Items" notification might occur if one has recently upgraded REDCap from a version before v14.8.1 to a later version.

Bug fix: When using the e-Consent Framework on a survey, and the REDCap-generated inline PDF of the participant's response takes a while to generate at the end of the survey, there is the possibility that the participant might be able to complete the survey without having viewed and certified their response. And if so in some specific cases, it might also cause the PDF stored in the File Repository afterward to be truncated. (Ticket #255741)

Bug fix: When viewing or exporting a report that has a sort field from a repeating instrument, the report may not get sorted correctly unless that sort field is also listed as a field in the report itself. (Ticket #255578)

Version 15.3.3(released on 2025-05-07)

Major security fix: A Cross-site Scripting (XSS) vulnerability was discovered where a malicious user could potentially exploit it by inserting HTML tags and/or JavaScript event attributes in a very specific way into the user-defined URL of a Project Bookmark. This can only be exploited by an authenticated user.

Major security fix: A Cross-site Scripting (XSS) vulnerability was discovered where a malicious user could potentially exploit it by inserting HTML tags and/or JavaScript event attributes in a very specific way when creating a new conversation in REDCap Messenger. This can only be exploited by an authenticated user.

Improvement: A flag is now passed in the MyCap config JSON to the MyCap mobile app if a participant is disabled or deleted in the MyCap participants table so that the MyCap participant cannot join with an existing QR code or Dynamic link and thus no longer sees tasks to complete in the app.

Improvement: For CDIS projects, new demographic information from the EHR is now available. This includes the following patient data:

Patient Identifier: FHIR ID

Personal Preferences: Patient pronouns (e.g., she/her, he/him)

Social Information: Marital status

Emergency & Family Contacts, such as Contact relationship type (e.g., Mother, Father, Spouse), Contact names, and Contact phone numbers.

Improvement: For longitudinal projects, there is now a direct link to the "Define My Events" page in the "Project Home and Design" section of the left-hand project menu.

Improvement: Renamed "Delete/Undelete" to "Disable/Enable" on the MyCap participants page, and extended this feature to notify MyCap participants by sending custom messages upon enable/disable actions.

Major bug fix: In a project with randomization enabled, in which the instrument containing the randomization field is also enabled as a survey, when a user randomizes a record on the data entry form while a survey participant is completing that same instrument via survey, in which the survey participant opens the survey before the record is randomized and then submits the survey after the record is randomized, the randomization field's value might mistakenly be erased, leaving it in an in-between state where it is randomized but also has no value. Bug emerged in REDCap 14.7.0.

Major bug fix: When clicking on a stack status icon for a repeating instrument/event on the Record Status Dashboard, it might mistakenly not open the popup table of instances if the record name is not an integer. (Ticket #255323)

Change: Small clarification to some text in the dialog for enabling the Twilio feature on the Project Setup page. (Ticket #254938b)

Change: The new user interface for the repeating instrument tables (added in the previous version) has been slightly improved. (Ticket #255504)

Bug fix: Disabling the "URL shortening service" setting on the "Modules/Services Configuration" page in the Control Center would not work as expected because there was still some underlying logic in the REDCap code to use the BIT.LY and IS.GD shortening services as a backup service. Going forward, REDCap will only ever use the REDCAP.LINK URL shortening service, which was the original intention when that service was added to REDCap. (Ticket #255540)

Bug fix: If a user that is not assigned to a DAG is importing data via the API Import Records method or via the REDCap::saveData method and using the "redcap_data_access_group" field in their payload to assign some (but not all) records in the payload to a DAG, then if some fields in the payload are used in a calculation, the calculation might mistakenly not get appropriately triggered for the records not being assigned to a DAG during the import process. (Ticket #255353)

Bug fix: In MyCap-enabled projects, the Dynamic Links feature (using the URL mycapplusbeta.page.link) has been replaced with App Links (using the URL app.projectmycap.org), in which these are used as an alternative to the QR code for allowing participants to join a project via the MyCap mobile app. This had to be changed because the old Dynamic Links are connected with the Google Firebase service, which will stop supporting their Dynamic Link solution after August 25, 2025.

Bug fix: In a fresh installation where the "config_settings_key" value is not yet set in the "redcap_config" database table, some other values in that table that should be encrypted might mistakenly get mangled during the auto-encryption process, thus becoming unusable unless re-added to the table. (Ticket #255298)

Bug fix: In certain rare situations, the Record Home Page might mistakenly crash with a fatal PHP error. (Ticket #255358)

Bug fix: In some situations, the Record Status Dashboard might be abnormally slow to load. Bug emerged in REDCap 15.3.2. (Ticket #255425)

Bug fix: In the Online Designer, fields with Field Annotation/Action Tag text that contains an @ sign followed by a capital letter might mistakenly get partially displayed under the field as if it is a real action tag when it is not (e.g., an email address). (Ticket #255266)

Bug fix: Long Custom Repeating Instrument names would fail to wrap their text and would extend out of the bounds of the repeating instance popup/table.

Bug fix: On the Email Users page when selecting the user filter criteria "User Status is active", it might mistakenly inflate the amount of users returned from that user filter by a small amount. (Ticket #255531)

Bug fix: On the left-hand project menu, users would mistakenly always see a list of all the data entry forms in the project, even if they do not have Data Viewing user privileges for some of those instruments. Note: If the user clicks on one of the form links to try to access a form to which they do not have access, they will be given the "no access" error, as expected.

Bug fix: Some MyCap-related CSS might mistakenly alter Bootstrap CSS classes in a non-scoped fashion.

Bug fix: When clicking on the "+" button next to a repeating instrument on the Record Status Dashboard, if the instrument has only one repeating instance saved for the instrument, in which the saved instance is not instance 1, the user would mistakenly be taken to instance 1 of that instrument. Instead, they should be taken to the max instance plus one.

Version 15.3.2(released on 2025-05-01)

Improvement: For longitudinal projects with repeating events, Form Display Logic (FDL) can now be utilized within a specific repeating event. For example, if the FDL references a field inside a repeating event, that field can be used to reference a value in a specific repeating instance of the event, including the current instance (e.g., keep form X enabled if

[field][previous-instance] = "1" or [field2][current-instance] > 30). This provides more flexibility so that forms within individual instances of a repeating event can be enabled/disabled via FDL at the instance level. In previous versions, FDL could not work at the instance level but merely applied the FDL to all repeating instances of a given repeating event as a whole. Note: This improvement only applies to repeating events and not to repeating instruments.

Improvement: Improved user interface for repeating instrument data as tables/popups on the Record Status Dashboard, Record Home Page, and at the top of data entry forms that are repeating instruments. Repeating instrument tables/popups now have a fresh look with options to filter by a word/phrase or by form status (with a clickable status icon interface above the table). Also, when a record is being viewed on a data entry form, clicking the stack of icons or form name on the left-hand menu for a specific repeating instrument will now display the popup of the repeating instrument table. Additionally, if a repeating event contains more than one instance for a record, the Record Status Dashboard will now display every instrument on the event as a stack icon for the record, whereas in previous versions it would sometimes inconsistently display some instruments' icons as if they had one instance, which could be confusing to users.

Security improvement: For increased security, REDCap now recommends that its local "temp" directory not be publicly accessible to the web. If using IIS or Apache, REDCap will attempt to automatically store a web.config file and htaccess file in the temp directory. If REDCap is not able to automatically prevent public access to the temp directory (or if NGINX is used as the web server), the Control Center will provide a recommendation for how to implement this via server configuration changes.

Change: Small clarification to some text in the dialog for enabling the Twilio feature on the Project Setup page. (Ticket #254938)

Bug fix: In certain situations while using CDIS in a project, two users might mistakenly be able to access the same record/event/form at the same time, thus bypassing the Simultaneous User Check. (Ticket #254964)

Bug fix: In some situations, the EM Framework's getDAG() function might mistakenly not return the DAG ID of the specified record. (Ticket #255110)

Bug fix: In the "Compose Survey Invitations" dialog when selecting a previously sent email from the drop-down list, it might mistakenly not load the selected email's text into the rich text editor due to a JavaScript error. (Ticket #255012)

Bug fix: Saving a data entry form or survey page in a project that contains many alerts (hundreds) and/or many records (thousands or tens of thousands) might mistakenly take

an inordinate amount of time to process, especially when many alerts have conditional logic. This was due to an inefficient process being performed. Now the processing time should be 10X-30X faster in this situation when saving a form/survey. (Ticket #254406)

Bug fix: The JavaScript version of the datediff() function might give slightly different results compared to the PHP datediff() function, thus possibly causing issues for calculated fields and CALCTEXT fields on data entry forms and survey pages, in which the field would always have a red bar visible on its side denoting that its value had changed upon page load.

Bug fix: When assigning a user to a data query via the Data Resolution Workflow dialog, the drop-down list of users for assigning the data query would mistakenly omit users that are not assigned to any DAG when the current record is assigned to a DAG. (Ticket #254778)

Bug fix: When syncing a project to the REDCap Mobile App, calculations or branching logic that contains some X-instance Smart Variables might mistakenly not be parsed correctly, thus they would not work correctly in the mobile app.

Bug fix: When using the Data Resolution Workflow in a project, the "Save and then open Data Resolution Pop-up" button, which is displayed for users on data entry forms when a field is selected, would mistakenly be displayed to users with read-only data viewing rights on the form. (Ticket #254825)

Version 15.3.1(released on 2025-04-24)

Improvement: For MyCap-enabled projects, the help text inside the "Publish new MyCap Version" dialog was updated to make it clear when a user needs to publish a new version. Additionally, the publish button will now be disabled when there are no changes to publish.

Improvement: When a PROMIS battery of instruments has been downloaded from the REDCap Shared Library, if the first instrument in the battery is designated to an event on the "Designate Instruments for My Events" page, it will auto-check all subsequent instruments in the battery series for that same event.

Major bug fix: If a participant clicks the "Start Over" button on a survey to which they are returning, their responses (i.e., the data values) would appropriately be erased; however, the survey status would still be marked as either completed or partially completed. (Ticket #254629)

Bug fix: Appending "&new" to the URL of a data entry form might cause a "too many redirects" error in some cases.

Bug fix: Data Quality Rule C would mistakenly return false positives for the form status complete field for all repeating instruments that contain data. (Ticket #254703)

Bug fix: Files that do not contain a dot in their filename (i.e., the file has no file extension) were mistakenly allowed to be uploaded into REDCap by users. This is no longer allowed since uploading a malicious file with its file extension removed could potentially be an attack vector.

Bug fix: The "Space usage for docs" amount on the Project Home Page would be overinflated and would mistakenly include files stored in the File Repository twice in the total amount. Additionally, the dialog's description of what files comprise the "Space usage for docs" amount was outdated and thus has been modified for accuracy. (Ticket #254442)

Bug fix: The ability to translate the "Task Instruction/Completion" title and steps via MLM at the event level for MyCap-enabled projects was not possible.

Bug fix: The field drop-down filter on the Field Comment Log page might mistakenly spill off the page when selected if field variable names and/or field labels are very long. (Ticket #254734)

Bug fix: When a project is in Analysis/Cleanup status, the yellow notice on the Notification Log page for Alerts would mistakenly cause the Notification Log table to be pushed off to the right of the page on wider screens. (Ticket #254751)

Bug fix: When a user is creating a new project from a Project XML file, in which a "From" email address of an Alert or Automated Survey Invitation in the XML file does not belong to the current user (i.e., is not their primary, secondary, or tertiary address), that Alert/ASI's "From" address will automatically be set to the current user's primary email address when the project is created. This is to prevent users from bypassing REDCap's email verification process (for possible abuse or malicious intent), which could be done in previous versions by manually modifying the Project XML file prior to upload.

Bug fix: When deleting a Data Quality rule that has one or more Data Resolution Workflow data queries attached to it, the audit trail would mistakenly not log that those data queries were subsequently deleted along with the DQ rule. In this situation, REDCap now also logs the number of data queries that were deleted, if any. (Ticket #254747)

Bug fix: When performing a CSV data import (via Data Import Tool, API, or REDCap::saveData), in which one or more rows in the CSV file contain fewer columns than the header row, it would cause a fatal PHP error. (Ticket #254459)

Bug fix: When using CDIS, the background data handling for CDP projects (i.e., via the cron job) was not running as efficiently as designed.

Bug fix: When using CDIS, users were unable to access the EHR standalone launch page when REDCap was configured with "OpenID Connect & Table-based" authentication. The

issue affected both authenticated and unauthenticated users who were being redirected back to the login page instead of reaching the "ehr.php" endpoint.

Bug fix: When using Clinical Data Pull in CDIS, the condition summaries data in CDP projects might contain little or no data being pulled from the EHR. (Ticket #254062)

Bug fix: When using the Email Users page, it might mistakenly attempt to email users that have no email address listed for their user account. Bug emerged in REDCap 15.3.0.

Bug fix: When viewing alert details for each alert on the right side of the Alerts & Notifications page, to "To:" attribute for an alert would mistakenly appear blank if a field (rather than a static email address) was being used as the alert's recipient address.

Version 15.3.0(released on 2025-04-17)

Major security fix: An SQL Injection vulnerability was found in a specific feature in the Online Designer, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users. Bug exists in all versions of REDCap.

New feature: Improved "Email Users" page - The Control Center's Email Users page has an updated interface that allows administrators to create and save user filters of specific user groups in the system that they may wish to email. Any saved user filter will be given a name, description (optional), and filter criteria. User filters can be utilized at any point when sending a new email, and admins may create as many user filters as they so choose. Additionally, a new Message History tab allows admins to view previously-sent emails and even re-use a message's text and subject when sending a new email.

Major bug fix: When using the action tags NONEOFTHEABOVE and MAXCHECKED together on a checkbox field, in which at least one normal checkbox option is initially checked and then the NONEOFTHEABOVE checkbox gets checked, thus unchecking the other checked options, if the instrument is then saved, the NONEOFTHEABOVE option would mistakenly not be saved as a selected choice. (Ticket #254216)

Bug fix/change: Removed the usage of the word "gender" throughout REDCap and replaced it with "sex" in compliance with U.S. Executive Order 14168.

Bug fix: A CSS stylesheet in DDP projects might mistakenly not be loaded successfully on the Record Status Dashboard, thus causing some page elements not to look how they should. (Ticket #251378)

Bug fix: For certain database server installations, a query in the REDCap 15.2.6 upgrade script might have mistakenly failed. (Ticket #253991)

Bug fix: In data exports, the decimal character failed to be converted to a comma for calc fields when the export setting "CSV delimiter character" is set as "comma". Bug emerged in REDCap 15.2.3.

Bug fix: The piping option ":field-label" would mistakenly not work for Descriptive fields.

Bug fix: When a user is on the "Stats & Charts" page in a project, in which values are missing for a field on the page, thus displaying a link to view a list of records with a missing value for that field, clicking the record name link would take the user to the data entry form for the record, but if the form is not a repeating form or repeating event and the instrument had been locked previously by a user, the current user would not be able to unlock the instrument. Note: It would appear as if the instrument were unlocked and it would be logged as such, but in actuality the instrument would not be unlocked when the user clicked the "Unlock" button on the form.

Bug fix: When assigning a user to a data query via the Data Resolution Workflow dialog in a project that utilizes Data Access Groups but not the DAG Switcher, the drop-down list of users for assigning the data query would mistakenly list users that are not assigned to the current record's DAG. (Ticket #254055)

Bug fix: When assigning a user to a data query via the Data Resolution Workflow dialog, the drop-down list of users for assigning the data query would mistakenly list users that have "Open queries only" user privileges for DRW. Such users should not be listed in that drop-down since they cannot respond to data queries. (Ticket #254055)

Bug fix: When creating a new arm in a longitudinal project, it would be possible to set one or more spaces as the arm name, which should not be allowed. This could cause issues downstream, such as when exporting->importing a Project XML file for that project. (Ticket #254357)

Bug fix: When importing CSV files in various places, including data imports, some CSV data might not successfully get imported if the value contains a backslash character. (Ticket #254420)

Bug fix: When piping a field value into a repeating instance context (form or event) from a source in a non-repeating context, the value might have mistakenly been blank or marked with the wrong instance. (Ticket #254340)

Bug fix: When using the "Universal FROM Email Address" feature together with a value for the Display Name in an outgoing email, it previously put the email address inside less

than/greater than operators in the email's display name header - e.g., "John Doe j.doe@aaa.com", but for compliance reasons, it now puts the email address inside parentheses in the email's display name text - e.g., "John Doe (j.doe@aaa.com)".

Bug fix: When using the :inline piping option when piping a File Upload field on a survey or data entry form where Multi-Language Management is enabled, the inline image/pdf would fail to be displayed when the page is loaded and also when the language is changed on the page. (Ticket #254057)

Version 15.2.6(released on 2025-04-10)

Improvement: A new system-level setting "Number of days between project deletion and purging the project from the system" has been added to the General Configuration page. This setting defaults to 30 but can be modified by an admin to control how long after a user "deletes" a project that it gets permanently removed from the system.

Improvement: In longitudinal projects, the Online Designer now shows a warning next to any instruments that are not designated for any events. Additionally, it provides a link to navigate to the Designate Instruments page if the user has Project Design privileges.

Improvement: When performing a fresh installation of REDCap, admins can automatically enable Table-based authentication and add an initial administrator account, if desired. The install page now lists optional settings to provide the username, temporary password, and email address of the first administrator user. If these details are provided, then that user will be added as the first admin user and Table-based authentication will be enabled after executing the Install SQL script. This can help admins get a REDCap installation up and running quickly with real authentication enabled rather than having to figure out how to add a user later and enable authentication after the fact.

Major bug fix: When attempting to upload a CSV data file using the background process in the Data Import Tool, the "Choose File" prompt would mistakenly get triggered repeatedly, thus preventing the user from ever being able to upload files using the background process. If the CSV file is >1 MB in size, this would completely prevent users from uploading the file since it would always default to the background process. Bug emerged in the previous release.

Change: If Two-Factor Authentication is enabled while using an "X & Table-based" authentication (excluding "LDAP & Table-based"), the text displayed in the E-signature dialog on a data entry form has been changed to be more understandable and more straight-forward for non-Table-based users.

Bug fix: A MyCap Participant's task result was only getting partially saved to REDCap, in which the "Sending Task Result" message bar would remain and not display the success message in the MyCap mobile app. Also, the task data was not getting fetched from the REDCap server when the participant would rejoin a study.

Bug fix: A couple e-Consent Framework settings on the Edit Project Settings page would mistakenly not get copied over when copying a project or creating a new project from a project template. (Ticket #253369)

Bug fix: If a multi-page survey has fields with the DEFAULT action tag that exist on pages after the first survey page, the DEFAULT action tag might mistakenly not work correctly for those fields if the "Require a 'reason' when making changes to existing records?" setting is enabled in the project. Bug emerged in REDCap 14.9.0.

Bug fix: If an embedded field has the READONLY action tag, it might be difficult to visually tell that the field is read-only/disabled on the page. (Ticket #253636)

Bug fix: If any rich text editor fields on the Survey Settings page have text that contains REDCap hyperlinks that contain a REDCap version number, in which that version number in the URL is not the current version of REDCap, those links should have been updated automatically when the page loads to reflect the current version. However, they mistakenly were still displaying the old REDCap version number in the text. Note: This does not affect the usage of these settings on the survey itself but only when viewing/editing the Survey Settings page.

Bug fix: If many Form Display Logic conditions have been saved in a project, clicking the "Edit Form Display Logic" button in the Online Designer would cause an usually high number of AJAX requests to be made on the page. (Ticket #253364)

Bug fix: If randomization is enabled in a project and an administrator is manually randomizing a record via the admin-only view of the randomization dashboard, the logged event for the data value change might not get recorded as expected in the logging. (Ticket #251255c)

Bug fix: In some rare instances, a CDIS-enabled project might mistakenly not be connected to any FHIR system, thus causing a fatal error to occur for CDM or CDP. (Ticket #253091)

Bug fix: Some of the language on the Data Quality page was mistakenly not translatable via an INI language file. (Ticket #252409)

Bug fix: The CSV export of the Survey Invitation Log would mistakenly not include a column for "Repeat Instance" if the project contains repeating events and/or repeating instruments. (Ticket #253787)

Bug fix: Unexpected crashes might occur during Clinical Data Mart (CDM) data fetching from an EHR.

Bug fix: When a user's account is deleted from the system by an admin on the Browse Users page in the Control enter, it was mistakenly not logging this "Delete user" action in each project in which the user is removed. (Ticket #253863)

Bug fix: When assigning a user to a data query via the Data Resolution Workflow dialog in a project utilizing the DAG Switcher, the drop-down list of users for assigning the data query would mistakenly list users that might not be able to access the current record due to those user's DAG Switcher assignments. (Ticket #253726)

Bug fix: When clicking the "Space usage for docs" text in the Project Statistics table on the Project Home page, the expected dialog would not be displayed as a result of a JavaScript error.

Bug fix: When uploading a CSV file of user rights or user roles on the User Rights page, the Email Logging column would mistakenly always think that its current saved value was blank and is being changed by the upload, even when it is not being changed. (Ticket #253706)

Bug fix: When using the file attachment (paperclip) icon in the rich text editor on any page in REDCap, that icon/feature would mistakenly not work anymore once a single file has been uploaded using it, that is, unless the page is reloaded.

Version 15.2.5(released on 2025-04-03)

Improvement/bug fix: In the "Compose Survey Invitations" dialog, when selecting a previously sent email, hardcoded links in the email would remain in the template. This only affects REDCap installations with a dedicated Survey Base URL. When selecting a previously sent email, the subject will be restored as well (only when empty in the "Compose message" section). The drop-down now shows up to 20 chars of the subject and "(not sent yet)" as the timestamp for scheduled messages.

Bug fix: A date or datetime field using the CALCDATE action tag might result in a value that is off by several hours, thus the form/survey would display the field with an incorrect value. However, if the form/survey is saved, the correct value would be saved. In this way, this only affects the displayed value on the page, not the saved value. If the field is a date field, the value could be off by one whole day in some use cases. Bug emerged in the previous version.

Bug fix: CDIS-related cron jobs might mistakenly fail repeatedly with a fatal PHP error for certain PHP versions. Bug emerged in the previous version.

Bug fix: For File Upload fields, the "Remove file" confirmation failed to show when used multiple times while remaining on a data entry form. Bug emerged in the previous version. (Ticket #252988)

Bug fix: In an MLM-enabled project, when the PDF Snapshot feature was active for a survey and set to not use the current MLM language, the survey acknowledgement page was mistakenly forced to always be displayed in the default language. (Ticket #253233)

Bug fix: In some cases where a data file being imported contains a Byte Order Mark (BOM) but does not have UTF-8 encoding, the BOM might mistakenly not get removed during the import process, thus leading to possible errors when REDCap is attempting to read the data in the file.

Bug fix: REDCap's calculation/logic interpreter does not operate as expected when the logic contains "[field] = "" or "[field] <> "" while also containing a field whose value is referenced in the logic in which the reference contains the word "or" or "and" inside quotes/apostrophes (e.g., [field] = "Bob and Tom"). (Ticket #253181)

Bug fix: Some CDIS functionality might not be compatible with PHP 8.4 and might cause certain CDIS processes to crash unexpectedly. (Ticket #250169)

Bug fix: Some dialogs on various pages were not reopening after being closed in certain ways. Bug emerged in the previous version.

Bug fix: The "Permissions Required" section of the API Documentation pages had incorrect text for the API methods "Import Repeating Instruments and Events" and "Export Survey Participants". (Ticket #253287)

Bug fix: The AlertsNotificationsSender cron job might mistakenly crash if it tries to send an alert that contains the smart variable [stats-table] in the alert message, in which the alert is not set to send "Immediately". (Ticket #253169)

Bug fix: The INLINE-PREVIEW action tag failed to work when used for descriptive field attachments. (Ticket #253222)

Bug fix: The Project XML file exported from a project would mistakenly not contain any settings related to the Field Comment Log or Data Resolution Workflow. (Ticket #253169)

Bug fix: The rich text editor on the MLM setup page, in some cases, did not observe the "bold" behavior seen at corresponding places outside of MLM.

Bug fix: When MLM is active, fields embedded into the labels of matrix fields would not show on survey pages when enhanced radio/checkboxes are enabled. (Ticket #252991)

Bug fix: When importing a CSV data file via the Data Import Tool, an incorrect error message would be displayed if the CSV file contained a Byte Order Mark (BOM). (Ticket #252515)

Bug fix: When piping fields into the survey acknowledgement page with MLM enabled in a project, under certain circumstances values were not piped in the correct language when the MLM base language was displayed. (Ticket #253282)

Bug fix: When renaming an instrument's unique instrument name via the Online Designer and the "also change the survey title" checkbox is checked, the survey title would mistakenly not get renamed. (Ticket #252705)

Bug fix: When using the MLM AI translation service, it would mistakenly always say that there are no items to translate on the page. Bug emerged in the previous version. (Ticket #253072)

Bug fix: When viewing a report or performing a data export, in which all the fields in the report/export exist on a repeating instrument (excluding the record ID field), if all the repeating instrument fields have a blank value for a given repeating instance (excluding the record ID field), that row of data would mistakenly not appear in the report/export. (Ticket #251820)

Version 15.2.4(released on 2025-03-28)

Improvement: A notice has been added to the MLM setup page to remind users to preserve any embedded fields in the translation when the default text contains an embedded field.

Major bug fix: When importing CSV data via the Data Import Tool page with a value of "new" for the field "redcap_repeat_instance", all repeating instances for a given record-instrument would mistakenly not get imported except for the last instance of that record-instrument. Bug emerged in the previous version.

Major bug fix: When performing a CSV data import (via Data Import Tool, API import, or REDCap::saveData method), in which some rows in the CSV file (excluding the first row) contain extra columns, it would cause those specific rows to be silently ignored and not imported into the project during the import process. In this case now, the data import process will merely ignore those superfluous columns in the CSV file, thus restoring the behavior as it was in earlier REDCap versions.

Bug fix: A missing LOINC code was added to the CDIS mapping features.

Bug fix: If randomization is enabled in a project and an administrator is manually randomizing a record or removing randomization from a record via the admin-only view of the randomization dashboard, the logged events for the data value change might not get

recorded as expected in the logging, including the "Reason for Change" text, if being used. Bug emerged in the previous version. (Ticket #251255b)

Bug fix: In certain cases, MLM was overriding custom text alignments when a RTL language was present.

Bug fix: On the PDF Snapshot page in a longitudinal project, in which a PDF Snapshot's scope is set to "[All instruments]", if the snapshot is triggered by saving a form or survey, the resulting snapshot might mistakenly not contain the entire record's data but instead would contain only the data for the event on which the snapshot was triggered. (Ticket #251619)

Bug fix: The CALCDATE action tag might mistakenly return inaccurate results in very specific situations, especially when using "y" and "M" for the "unit" parameter. This affects both the client-side (JavaScript) and server-side (PHP) implementations of CALCDATE. (Ticket #229442)

Bug fix: When exporting the "Return Codes for Surveys" on the "Other Export Options" page in a longitudinal project, a single return code might be listed across all events for a given record in the CSV file when instead each event should have its own distinct return code. (Ticket #251434)

Bug fix: When performing a data import using the Data Import Tool when the "Require a 'reason' when making changes to existing records" feature is enabled in the project, some server-side checking was missing to ensure that a reason was required by the user performing the data import for existing records being modified.

Bug fix: When using Shibboleth authentication and the "Set user information using data from Shibboleth" setting is enabled in the Control Center, users were mistakenly still added as REDCap users in the "redcap_user_information" database table if they logged in the first time but were not listed on the User Allowlist.

Version 15.2.3(released on 2025-03-25)

Major bug fix: When a user is uploading a file to a File Upload field via the API "Import a File" method, the API call would mistakenly fail (sometimes without an error returned) when the "repeat_instance" parameter is provided if the repeating instance does not exist yet for the record. Bug emerged in the previous version.

Major bug fix: When rendering an inline PDF into a REDCap-generated PDF (e.g., at the end of an eConsent survey that contains a PDF consent form), the inline PDF might not appear correctly in the resulting PDF if it contains a specific type of an alpha channel, thus resulting in horizontal lines and other distortions that may obscure the inline PDF's content. (This is similar but ultimately different from the "black box" issue that was fixed in

the previous version.) Note: This will not fix the issue in already-stored e-Consent files (i.e., already saved in the File Repository's PDF Snapshot Archive after consent has been performed), but it will prevent the issue going forward. Bug emerged in the previous version.

Bug fix: Data Quality rule logic and server-side branching logic evaluation in PDF downloads was not working as intended when fields with "Number (comma as decimal)" field validation were used in the logic. Note: Some similar, related issues were fixed in the previous release, but these represent additional, unfixed items.

Bug fix: If randomization is enabled in a project and an administrator is manually randomizing a record via the admin-only view of the randomization dashboard, the logged event for the data value change would mistakenly not get added to the log for the randomization field. Additionally, if an admin is removing randomization from an already-randomized record, in which the "Require a 'reason' when making changes to existing records" feature is enabled in the project, the reason entered by the admin would mistakenly not get added to the log in the resulting logged events. (Ticket #251255)

Bug fix: If the Scheduling page is being used in a project that contains multiple arms, and an existing record is selected to generate a schedule form an arm in which the record does not yet exist, the record would get successfully scheduled for that arm, but the record would not appear as having been added to that arm when viewing the Record Status Dashboard, etc.

Bug fix: If the e-Consent Framework is enabled in a project and a user goes to view an e-Consent survey response, in which the e-Consent settings for the survey dictate that users cannot modify e-Consent responses for that instrument, the "Trigger PDF Snapshots" link that opens the dialog to allow users to trigger/re-trigger PDF Snapshots was mistakenly not displayed anywhere on the page (because the link is connected to the Save buttons, which are not visible in that case). Thus in this situation, users would not be able to re-trigger a snapshot. Going forward, if the "Trigger PDF Snapshots" link is not displayed on the instrument, the link will instead be added near the top of the instrument to provide the user with the option to re-trigger snapshots manually.

Bug fix: In some cases when using the AI feature to automatically translate text on the MLM setup page, the translation process might fail to work. The prompt sent to the AI service has been modified slightly to provide a more consistent and expected output for this process, thus ensuring that it works correctly. (Ticket #252184)

Bug fix: In some very rare circumstances, most project pages for certain projects with repeating events/instruments might mistakenly crash with a fatal PHP error. (Ticket #251840b)

Bug fix: The "Save Changes" button on the MLM setup page would not get highlighted after a user has made changes to the reCAPTCHA language code.

Bug fix: The field validation label "Phone (North America)" was changed to "Phone (U.S.)" because the label is inaccurate and only applies to United States phone numbers. (Ticket #251402)

Bug fix: The instance drop-down on data entry forms for repeating instruments might be obscured by a rich text editor's toolbar.

Bug fix: When a user on the Participant List page is composing a survey invitation and selects a previously sent email via the drop-down list at the bottom of the Compose dialog, REDCap now checks for hardcoded survey links in the survey invitation content immediately when the user selects an email from the drop-down list, whereas in previous versions the hardcoded link check would only occur after a user placed their cursor in the Compose box and then moved their cursor out of the box. (Ticket #245222)

Bug fix: When a user on the Participant List page is composing a survey invitation and selects a previously sent email via the drop-down list at the bottom of the Compose dialog, the user may mistakenly not be given a prompt if hardcoded survey links exist in the survey invitation content, specifically when REDCap is using the Survey Base URL (as defined on the General Configuration page in the Control Center). This could cause participant-specific links to be sent to other participants. (Ticket #245222)

Bug fix: When adding trigger logic for a PDF Snapshot in the "Add/Edit Trigger for PDF Snapshot" dialog, the logic editor would mistakenly not display the "Valid" or "Error in syntax" indicators as the user is typing logic.

Bug fix: When copying a project that has Google reCAPTCHA enabled on the public survey, reCAPTCHA is not enabled in the new project created. (Ticket #252397)

Bug fix: When downloading a PDF of an instrument that contains a Notes field with the RICHTEXT action tag, the rich text saved for the Notes field would mistakenly be seen as HTML tags in the resulting PDF file when instead the HTML tags should be stripped out of the generated PDF. This also occurs for any PDF Snapshots that are saved of the instrument. (Ticket #251634)

Bug fix: When importing CSV data files via the Data Import Tool, some rows in the file might mistakenly get silently dropped during the import process. (Ticket #251778)

Version 15.2.2(released on 2025-03-20)

Improvement: When updating the branching logic of several fields at once in the Online Designer, the dialog now shows the number of fields that will be updated. (Ticket #251392, #251677)

Major bug fix: When importing data via the Data Import Tool, CSV files would fail to import if the CSV delimiter did not match the one set in the user's profile. This was thought to have been fixed in the previous version but was not. (Ticket #251925)

Bug fix: Background processes for the ProcessQueue cron job (used by CDIS and the Email Users page) might fail when running PHP 8.3 and higher. (Ticket #250971)

Bug fix: For certain server/network configurations when using the Azure OpenAI service, the API key might not be received in the correct format by the AI services. To maximize compatibility for various configurations, REDCap now sends both of the headers "api-key KEY" and "Authorization: Bearer KEY" instead of just one or the other based on specific conditional criteria. (Ticket #250900)

Bug fix: If Rapid Retrieval caching is enabled while a report is set to be "public", in which one or more File Upload or Signature fields exist on the report, the download button for those fields might mistakenly point to a URL that requires user authentication when viewing the public report.

Bug fix: If the Survey Queue is enabled in a project, the "Survey Queue" option in the "Choose action for record" menu on the Record Home Page would mistakenly be visible to all users when instead it should only be visible to users with "Survey Distribution Tools" privileges in the project. (Ticket #251224)

Bug fix: In certain circumstances, when the REDCap::saveData method (or internal Records::saveData method) is called in specific scenarios to save data to a project, it might prevent alerts from being triggered.

Bug fix: In some contexts when trying to close certain dialogs using the X icon/button at the top-right of the dialog, the dialog would mistakenly not close. (Ticket #251993)

Bug fix: In some very rare circumstances, every project page for certain projects might mistakenly crash with a fatal PHP error. (Ticket #251840)

Bug fix: Minor AI Service related fixes.

Bug fix: PDFs displayed with the INLINE-PREVIEW action tag would not close while in expanded view.

Bug fix: Report filter logic was not working as intended when fields with "Number (comma as decimal)" field validation were used in the logic. Additionally, this was found to not work

as intended in other places too, including triggering ASIs and alerts and when evaluating logic for data quality rules, Form Display Logic, and other similar things. (Ticket #249306)

Bug fix: Several missing LOINC codes were added to the CDIS mapping features.

Bug fix: Some info in the documentation for randomization smart variables was missing.

Bug fix: The "hideunderscore" piping parameter would mistakenly fail to work when piping smart variables in certain contexts. (Ticket #251324)

Bug fix: The Descriptive Popups feature would mistakenly not work on a form/survey when the instrument contained embedded fields and the "Display on First Match Only" option is selected in the Descriptive Popups settings. (Ticket #250562)

Bug fix: The REDCap Messenger "Members" dialog would be obscured by the left-hand project menu. (Ticket #252030)

Bug fix: The [survey-link] smart variable mistakenly failed to resolve to the translated survey name in MLM-enabled projects when used in Alerts (ASIs were not affected). (Ticket #251251)

Bug fix: When a user attempts to import data via a CSV file on the Data Import Tool, in which the CSV file is formatted with records as columns (not rows), an error would be returned on the page, thus preventing the user from importing the data in that format. (Ticket #251252)

Bug fix: When a user is uploading a file to a File Upload field via the API "Import a File" method, the action would mistakenly not trigger various things, such as ASIs, alerts, calculations, etc.

Bug fix: When opening certain dialogs on various pages, the page might mistakenly scroll up or down on its own.

Bug fix: When rendering an inline PDF into a REDCap-generated PDF (e.g., at the end of an eConsent survey that contains a PDF consent form), the inline PDF might not appear correctly in the resulting PDF if it contains an alpha channel, thus resulting in black boxes that may obscure the inline PDF's content. Note: This will not fix the issue in already-stored e-Consent files (i.e., already saved in the File Repository's PDF Snapshot Archive after consent has been performed), but it will prevent the issue going forward.

Bug fix: When using MLM in a project, if a PDF snapshot is triggered by saving a form while another language (excluding the base language) was active, the resulting PDF was rendered in the base language. (Ticket #251280)

Bug fix: While on a form or survey, clicking anywhere in the label of a field that contains an embedded checkbox will mistakenly toggle the first checkbox option. (Ticket #250435)

Version 15.2.1(released on 2025-03-06)

Improvement/change: When exporting the query results of a custom/saved query in the Database Query Tool, the resulting CSV file now includes the title of the custom query as part of its file name.

Improvement: The file storage option "Microsoft Azure Blob Storage" now allows for utilizing the storage of files in the Azure Government Cloud (U.S. only). (Ticket #250745)

Major bug fix: When importing data via the Data Import Tool, CSV files would fail to import if the CSV delimiter did not match the one set in the user's profile. (Ticket #250831)

Major bug fix: When using the WebDAV file storage option for any of the three features that stores files onto an external file server (e.g., e-Consent Framework, Record-level Locking Enhancement, and File Upload field enhancement), the process would mistakenly fail due to a fatal PHP error. Bug emerged in 15.1.0 (Standard) and 15.0.10 (LTS). (Ticket #251008)

Bug fix: Many missing LOINC codes were added to the CDIS mapping features.

Bug fix: The minimum PHP version required by REDCap was not being detected properly enough on most pages. If someone attempts to load the upgrade page of a REDCap version that is not compatible with the current PHP version or if someone has somehow already upgraded to a REDCap version that is not compatible with the current PHP version, it will now display nothing on the page except an error message notifying the admin/user that they need to upgrade PHP to a newer version in order for REDCap to function.

Bug fix: The terminology of "AI Services" (meaning the Service Providers) and "AI Features" (the different AI-based features in REDCap) were conflated on the Modules/Services Configuration page in the Control Center, thus leading to some confusion. The text has been slightly modified to distinguish the two from each other.

Bug fix: When REDCap's AI Services are enabled, especially the AI feature "Summarize free-form text data on reports", the magic wand icon would mistakenly be displayed in the report table header on public reports. However, clicking the icon would do nothing except cause a JavaScript error. That icon/feature should not be available in public reports but only on reports as viewed by an authenticated project user.

Bug fix: When a repeating instrument is enabled as a survey and the Smart Variable combination [survey-link][new-instance] is used to navigate a participant to the repeating survey, if the survey has multiple pages and has some calc fields or CALCTEXT fields that

are hidden by branching logic, then simply loading the first page of the survey for any repeating instance would mistakenly create an empty placeholder of data for the instance (changing its form status from gray to red icon), which would additionally cause another repeating instance to then be created when the participant completes the survey. Thus, it would always create an extra empty repeating instance for each real instance. (Ticket #250983)

Bug fix: When using "LDAP" or "LDAP & Table-based" authentication on PHP 8.3.0 or higher, REDCap might crash with a fatal error if an LDAP "port" value is provided separately from the url/host in the /webtools2/ldap/ldap_config.php configuration file. (Ticket #250192b)

Bug fix: When using a non-Azure OpenAI service for the REDCap AI Services, an error might occur because the AI model name was not included in the API request to the service.

Bug fix: When viewing an existing alert on the Alerts & Notifications page, if a recipient's email address contains an apostrophe, then the email address would not be displayed correctly on the "To:" line on the right-hand side of the alert displayed on the page.

Version 15.2.0(released on 2025-02-27)

New action tag @SAVE-PROMPT-EXEMPT - This action tag is useful for preventing the "Save your changes?" warning prompt under certain conditions when navigating away from a data entry form or survey page. Adding this to a field will prevent any changes to the field's value from individually triggering the "Save your changes?" prompt when someone navigates away from the page without clicking the Save button. Please note that when using this action tag, if another field's value is also modified on the page, the "Save your changes?" prompt will be displayed to the user because this action tag only affects the individual field's ability to trigger the warning prompt. This would typically be used on fields where the value of the field being saved is not important unless other field data is also entered - e.g., when prefilling a "Last modified by" field that has both @READONLY and @SETVALUE="[user-name]". Warning: Use with care, as inadvertent data loss could occur ONLY for fields in which this action tag is implemented if a user navigates off the page without clicking Save.

New action tag @SAVE-PROMPT-EXEMPT-WHEN-AUTOSET - This action tag is similar to the @SAVE-PROMPT-EXEMPT action tag, but its effect is limited to the initial setting of a field's value when the value is blank at the time the form/survey page is loaded. Use this action tag to prevent action tags such as @DEFAULT, @SETVALUE, @TODAY, or @NOW from triggering the "Save your changes?" prompt when someone navigates away from the page without clicking the Save button. Please note that when using this action tag, if this or another field's value is later modified on the page, the "Save your changes?" prompt will be

displayed to the user because this action tag only affects the individual field's ability to trigger the warning prompt and only during the initial setting of the field's value. Warning: Use with care, as inadvertent data loss could occur ONLY for fields in which this action tag is implemented if a user navigates off the page without clicking Save.

New feature: Support for Twilio Alphanumeric Sender ID - In lieu of entering a Twilio phone number, users may alternatively use a Twilio Alphanumeric Sender ID if it is supported by Twilio in their country (e.g., not available in the U.S.). NOTE: The Alphanumeric Sender ID can only be used for outgoing SMS messages, so it cannot be used for Voice Calls or incoming SMS messaging features. (Ticket #23438) Learn more: <https://www.twilio.com/docs/glossary/what-alphanumeric-sender-id>

New options for AI Services - The services below can now be used as the engine for REDCap's AI services. Note: All cloud-hosted options will require a billing account on the respective platform, in which the platform will deduct money from your account as you use the AI service via REDCap.

Google Gemini (cloud-hosted) - Connect to the Gemini AI API hosted on Google Cloud Platform. You will need to obtain an API key and provide a model name and API version, which can be added to the Modules/Services Configuration page in the Control Center to enable it for the system and/or specific projects.

Cloud-hosted OpenAI-compatible services: Aside from the Azure-hosted OpenAI service, there are many different cloud-hosted AI services that are OpenAI compatible, including Mistral AI, Nebius AI Studio, GroqCloud, and Together AI, among others. These services allow developers to utilize their models through a standardized OpenAI API structure. Each service has its own endpoint URL. Additionally, you will need to obtain an API key and model version/name that will need to be provided below. DISCLAIMER: REDCap/Vanderbilt has no affiliation with any of these AI services, and it cannot vouch for the security standards and practices of these services. It is highly recommended that you review their documentation and security information before you consider using them.

Locally-hosted OpenAI-compatible services: You can set up and host your own OpenAI server locally at your institution. This requires installing software that provides an OpenAI API on a local server. Some of the top options include LM Studio, LocalAI, GPT4All, and Ollama. All of these allow you to run open-source language models locally that utilize the OpenAI standard. Your local OpenAI installation will have its own endpoint URL, and additionally, you will need to obtain an API key (may not be applicable) and model version/name that will need to be provided in the REDCap user interface. Please consult the documentation at each respective website for setting up any of these.

Major bug fix: When performing a data import with a value of "new" for the field "redcap_repeat_instance", an unexpected error might be returned or a value of "0" might be mistakenly saved in the project for that record's repeating instance number. Bug emerged in the previous version. (Ticket #250233)

Bug fix: A fatal PHP error could possibly occur when the REDCap cron job is running if the AlertsNotificationsSender job is running for a project that has randomization enabled. Bug emerged in REDCap 14.7.0. (Ticket #250384)

Bug fix: If using the Survey Base URL feature, the REDCap Base URL might mistakenly get replaced by the Survey Base URL in the "src" attribute for images embedded on data entry forms via the rich text editor (e.g., in a field label). Bug emerged in REDCap 14.9.0.

Bug fix: In many places in a project when an instrument's survey title is different than its instrument label, it will now display both the survey title and instrument label to help differentiate different surveys that might happen to have identical survey titles and also to fix display issues when a survey has no title. (Ticket #250115b)

Bug fix: On certain installations, some/all pages might mistakenly fail due to a fatal PHP error in the "rmccue\requests" and/or "mobiledetect/mobiledetectlib" third-party library. (Ticket #250192, #250119)

Bug fix: Some text on the data entry page in a project that has the Data Resolution Workflow enabled might mistakenly not be displayed as translated but would be in English if the project is set to use a different language. (Ticket #250252)

Bug fix: The CDIS settings page in the Control Center would prevent users from saving the settings on the page (Ticket #250005)

Bug fix: When performing a data import in a MyCap-enabled project, the records in the data file would be successfully created in the project; however, only the last record in the data file would be seen on the MyCap Participant List page.

Bug fix: When the Secondary Unique Field is enabled in a project, in which two records somehow already have the same value saved for the SUF (e.g., due to a bug in earlier versions that allowed that to happen via a race condition), if a survey or data entry form containing the SUF is saved but the SUF value was not changed while the user/participant was on the page, REDCap would display the recently-added "Value must be unique" error, thus forcing the user/participant to change or remove the already-existing value of the SUF for the current record. In this specific situation when duplicate values already somehow exist for the SUF, this is now considered permissible to maintain the duplicate values and not display the error. Going forward, the server-side checking of the SUF value will only

occur if the user/participant has modified that field's value on the page. Bug emerged in REDCap 15.0.11 (LTS) and 15.1.1 (Standard). (Ticket #250117)

Bug fix: When the Smart Variable [new-instance] is appended to [form-url] or [form-link] for a repeating instrument or repeating event, it would not always take the user to a new/not-yet-created instance for the given instrument but might instead take them to an existing instance if a new instance has been created after the link for [form-url] or [form-link] has been rendered. (Ticket #249309)

Bug fix: When updating a language from an INI file on the Multi-Language Management setup page, some items would mistakenly be skipped.

Bug fix: When using the Custom Event Label in a project, in some situations the Custom Event Label might not display correctly on the Record Home Page for a given record.

Bug fix: When using the Quick Filter options on the Email Users page in the Control Center, the "Project Owners" button and "Users with Mobile App rights" button might mistakenly display users that do not fit those categories because they were not considering user roles if the users are in a role. (Ticket #249366)

Bug fix: When viewing the Survey Notification dialog in the Online Designer, if a survey has no survey title defined, then no title would be displayed for the survey in the dialog, which would make it confusing to use to know which survey is which. Now in this case it will instead display the instrument label in lieu of a survey title. (Ticket #250115)

Bug fix: When viewing the Survey Notification dialog in the Online Designer, if a survey has no survey title defined, then no title would be displayed for the survey in the dialog, which would make it confusing to use to know which survey is which. Now in this case it will instead display the instrument label in lieu of a survey title. (Ticket #250115)

Various CDIS-related bug fixes (Ticket #250505):

DocumentReference URL Correction: Fixed an issue where binary resource URLs (for notes) were formatted incorrectly under certain conditions.

OAuth2 Scope Update: Added the missing 'binary' scope for Cerner systems, ensuring binary resources are pulled correctly.

Header Requirement for Cerner: Implemented the necessary header for binary file requests in Cerner, preventing request failures.

Version 15.1.2(released on 2025-02-20)

Bug fix: A fatal PHP error could occur in some situations when CDIS is attempting to fetch a user's FHIR access token from the REDCap database.

Bug fix: A fatal PHP error might occur when using REDCap Messenger in specific situations.

Bug fix: A few references to the old domain "redcap.vanderbilt.edu" still existed in some "User Guides and Wizards" listed on the "Help & FAQ" page. Those have been updated to have the "redcap.vumc.org" domain name.

Bug fix: If survey invitations are scheduled (manually or via ASI) and then the survey instrument is completely deleted from the project, any scheduled (but unsent) invitations or reminders would mistakenly still get sent to the participant. (Ticket #249340)

Bug fix: If using the Mandrill third-party email service for outgoing emails, in some situations (e.g., the Mandrill account runs out of tokens), emails would get "queued" in Mandrill and never get sent, but REDCap would count these emails as having been successfully sent. In this case, REDCap will appropriately note the emails as not successfully sent.

Bug fix: In certain situations when performing a fresh installation of REDCap, the install page might fail with a fatal PHP error. (Ticket #249818)

Bug fix: In rare situations when viewing the record status dashboard in a project, the page might crash due to a PHP error, especially if the Rapid Retrieval feature is enabled for the system. (Ticket #249892)

Bug fix: On the "Patient Portal" page of the EHR launch in CDIS, single quotes in project titles were not handled correctly, leading to errors when adding a patient to a project.

Bug fix: When a project contains Data Access Groups and a user modifies the "Page X of Y" drop-down list on the Record Status Dashboard after "[No Assignment]" has been selected in the DAG drop-down list, the page would reload but mistakenly have the "All" DAG option auto-selected.

Bug fix: When a user account is deleted from the system via the Browse Users page in the Control Center, in which the user being deleted is a sponsor for one or more users, the deleted user would fail to be removed as a sponsor for the other users. (Ticket #249781)

Bug fix: When a user attempts to send an announcement or message to a MyCap participant via the MyCap Participant List page, in which the announcement/message fails to send for whatever reason, the user would mistakenly not be notified about the failure, and the announcement/message would be logged in REDCap as if it had sent successfully.

Bug fix: When an instrument PDF is generated/downloaded or is stored as a PDF Snapshot, if all the fields that follow a section header on the instrument are hidden by branching logic or action tags, in which those fields are the last fields on the instrument but are not the last fields of the whole PDF, the section header would mistakenly be displayed in the PDF when it should instead be hidden/not visible. (Ticket #249551)

Bug fix: When executing Data Quality rules in multi-arm projects in which fields used in the rule's logic are utilized on some arms but not others, while at the same time one or more of the logic fields are used on repeating events, this could cause the DQ rule to return false discrepancies for records that don't exist in some arms. (Ticket #248394)

Bug fix: When performing a data import for repeating instruments or repeating events, in which the "redcap_repeat_instance" value being imported begins with the text "new" but is not the exact word "new" (e.g., new-instance), the data would get imported but might mistakenly get orphaned in a way that it is not accessible for editing/deleting in the user interface afterward. The import process will now only allow a positive integer or the exact word "new" to be used as a valid value for "redcap_repeat_instance". (Ticket #250072)

Bug fix: When the Double Data Entry feature is enabled in a project and a user is merging two records into a new third record on the Data Comparison Tool page, if a Text or Notes field is selected on that page, in which the selected field's value contains an apostrophe, it would cause a JavaScript error that would mistakenly prevent that value from being included as part of the merge process (unbeknownst to the user) when creating the new record.

Bug fix: When user account expiration emails are being sent out by the system, the outgoing email might mistakenly have the incorrect person/sponsor CC'd in the email in certain circumstances. (Ticket #249492)

Bug fix: When using Multi-Language Management on an instrument where fields are embedded, fields embedded in a field that is excluded from MLM translation would mistakenly be invisible on the page.

Bug fix: When using the CDIS Custom Mapping feature, the CSV import process for uploading new custom mappings might not work correctly due to the CSV file not being parsed successfully by CDIS. Additionally, if any import errors occurred during the CSV import process, those errors might mistakenly not be displayed to the user. (Ticket #248646)

Bug fix: When using the Data Resolution Workflow and a custom Data Quality rule has real-time execution enabled, if the DQ rule is violated by a user via data entry on a form and then the user "verifies" the field's value, the Data Quality rule would mistakenly still show a

violation as existing if the form is saved again. This only occurs if the form is a repeating instrument or is on a repeating event. (Ticket #249640)

Bug fix: When using the Data Resolution Workflow and a custom Data Quality rule has real-time execution enabled, if the rule is violated by a user via data entry on a form and the user opens/closes/responds to a data query or verifies/de-verifies the field's value, the button in the "Data Quality rules were violated" dialog for that DQ rule would mistakenly not get updated with the new number of comments and new icon representing the current state of the data query.

Version 15.1.1(released on 2025-02-13)

Change/improvement: A new folder permission check was added to the Configuration Check page that tests to see if subfolders can be created under REDCap's temp directory (e.g., /redcap/temp/). Several features in REDCap require the need to create subfolders in REDCap's temp directory and to be able to read and write files in those subfolders.

Bug fix: A race condition exists during the record randomization process in which two records being randomized simultaneously on a data entry form could cause a fatal PHP error to occur or possibly cause other issues if both records currently do not exist yet when the randomization process is performed.

Bug fix: If a project has only one form and the current record does not exist yet, the project will normally try to bypass the Record Home page and redirect the user directly to the data entry form as a convenience. If Form Display Logic is being utilized and the logic always evaluates to false for new records in this case before they are created, this will cause an infinite redirect loop on the page and prevent users from creating new records using the user interface. (Ticket #249191)

Bug fix: If a proxy server is utilized for REDCap and is configured on the General Configuration page in the Control Center, the AI features in REDCap would mistakenly not work. Bug emerged in REDCap 15.0.0. (Ticket #249474)

Bug fix: In certain situations, some REDCap cron jobs might mistakenly not get executed for a very long time compared to when they are expected to run if some other prioritized jobs consistently get run by the REDcap cron for a disproportionate amount of time. The prioritization logic that determines which jobs are run and when they are run has been modified slightly so that REDCap will occasionally prioritize cron jobs that have not been run in a long time to ensure that all jobs get a chance to run closer to their expected interval.

Bug fix: In specific unknown circumstances, REDCap might mistakenly crash due to a "Detection\MobileDetect" PHP class not being found.

Bug fix: In very specific cases in multi-arm projects where one arm contains only one event while then other arms do not contain any events, the "Download arms (CSV)" option on the "Define My Events" page would display a confusing error message when clicked, thus preventing the user from downloading the CSV file. (Ticket #248975)

Bug fix: When a survey has the setting "Show or hide the Submit buttons" set to "Always hide", if any field values change while viewing the survey page, and then the survey page is closed (browser is closed or tab is closed), the "Leave site?" prompt would be displayed. The prompt should not be displayed in that situation since there is no way to submit the survey page. (Ticket #249236)

Bug fix: When a user is using Clinical Data Pull for CDIS, the EHR Launch process would mistakenly fail due to a fatal PHP error.

Bug fix: When creating new arms in a project via CSV upload on the "Define My Events" page or via the API, it would mistakenly allow users to add arms with an arm number higher than 99, which is supposed to be the maximum possible value. Note: If users have done this previously, there should not be any negative consequences in the project. (Ticket #239179)

Bug fix: When importing data using the Data Import Tool, in which out-of-range values are being imported for text fields with min/max validation ranges, the orange warning would mistakenly not be displayed on the page for those fields. (Ticket #249303)

Bug fix: When the Secondary Unique Field is enabled in a project and multiple users or survey participants are submitting the same value for the SUF at nearly the same time, the SUF uniqueness check would fail to catch duplicates because of a lack of server-side checking when a form/survey is submitted. To prevent duplicate values in the future for the SUF in this situation, REDCap now employs post-submission server-side checking, in which it will not save the duplicate value for whoever submits their page last, and additionally, it will display a warning popup letting them know why their value could not be saved and for them to enter a different value for the field. (Ticket #248036, #248104)

Bug fix: When using Multi-Language Management in a project where alerts are translated via MLM, if the alert is set to send immediately (rather than with a delay), the alert might be sent not with the translated text but instead with the original default language text. (Ticket #249344)

Bug fix: When using the Background Data Import process, in which the records being imported contain hundreds or thousands of repeating instances within each record, database performance could be impacted due to inefficient query methods during the process of uploading the data file. (Ticket #248023)

Version 15.1.0(released on 2025-02-06)

Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into any user input that is then output on a page in REDCap (e.g., field labels, survey instructions, data displayed on a report), specifically targeting the "href" attribute of a hyperlink. This vulnerability can be exploited by authenticated users and also by survey participants entering data. Bug exists in all REDCap versions.

Major security fix: An SQL Injection vulnerability was found on the User Rights page, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way when adding new User Roles. This can only be exploited by authenticated users. Bug exists in REDCap 10.3.3 and higher.

Minor security fix: An Insecure Direct Object References (IDOR) vulnerability was found, in which a malicious user could potentially exploit it by manipulating the URL of the Sponsor Dashboard page in a specially crafted manner. This could allow the attacker to view a sponsor's Sponsor Dashboard page (and view the names and emails of all their sponsees that they sponsor) and could allow the attacker to request actions on behalf of the sponsor, such as requesting that a sponsee's password be reset, that the sponsee be suspended, etc. Administrators should be allowed to view a sponsor's Sponsor Dashboard, but regular users should only be able to view their own Sponsor Dashboard. Note: This vulnerability is only exploitable if the User Sponsor functionality is being utilized in REDCap. (Ticket #249102)

New API method: "Export a Survey Access Code for a Participant" - Obtains the survey access code for a specific record on a specific survey instrument (and for a specific event, if a longitudinal project) - assumes the record already exists. The record and instrument parameters must be provided. If longitudinal, the event_id must be provided. If a repeating instrument/event, the instance number must be provided. If the user making the API call does not have 'Survey Distribution Tools' privileges, they will not be able to use this method, and an error will be returned. If the specified data collection instrument has not been enabled as a survey in the project, an error will be returned.

New developer method: `REDCap::getSurveyAccessCode()` - Obtains the survey access code for a specific record on a specific survey instrument (and for a specific event, if a longitudinal project) - assumes the record already exists. The record and instrument parameters must be provided. If longitudinal, the `event_id` must be provided. If a repeating instrument/event, the instance number must be provided.

New feature: CDIS Access Token Priority Rules Manager

This new optional feature in CDIS-enabled projects allows project owners and administrators to define prioritization rules for selecting FHIR access tokens used to fetch data from the EHR system. This feature is useful when users who possess a FHIR access token in a CDIS project have varying EHR data permission levels, in which priority rules can be defined to tell CDIS how to prioritize the use of specific users' access tokens when pulling data via the REDCap cron job to pull the most data in an efficient manner from the EHR.

The rules manager page can also be used to completely prohibit some users, even if they have an active FHIR access token, from pulling EHR data in real time (i.e., live using the REDCap user interface) using a "Disallow" option.

When configured, these rules override the default token selection strategy; if no rules are defined, the existing behavior is maintained. A new rules manager page is accessible from the project home page and the user rights page. Both pages now include a brief description of the feature along with a link to the rules manager.

Improvement: More survey-specific status indicators, specifically icons for e-Consent and Stop Actions, have been added to the "Enabled as survey" table column in the instrument-view of the Online Designer to denote that the survey has e-Consent enabled and has Stop Actions in the survey, respectively. Additionally, the other status indicators (i.e., for Survey Auto-Continue and Repeating Surveys) have been made slightly smaller to accommodate space for the newer icons in that column.

Improvement: New methods exist in the Online Designer for modifying an instrument's label and unique instrument name. In the field-view page in the Online Designer, the form name is displayed and clickable at the top of the page, and when clicked, it displays a popup to allow a user to modify the instrument label and/or the unique instrument name. Additionally, clicking the Rename option from the "Choose action" drop-down list next to an instrument in the instrument-view page of the Online Designer will display the popup with the same options. This allows users the ability to modify both or either attribute independently of each other and prevents REDCap from automatically changing the unique instrument name whenever modifying the instrument label while in development status.

Major bug fix: When using the SFTP file storage option for any of the three features that stores files onto an external file server (e.g., e-Consent Framework, Record-level Locking Enhancement, and File Upload field enhancement), the process would mistakenly fail due to a fatal PHP error due to an underlying change in a third-party PHP library. Bug emerged in 15.0.8 (Standard) and 15.0.9 (LTS). (Ticket #248948)

Change/improvement: Various additional optimizations were made to the randomization process to make it quicker and less intensive on the database.

Change/improvement: When randomizing a record, in which the "redcap_module_randomize_record" is being called by an External Module and returning a non-null value, the validation process of the hook results was not very efficient and could cause the randomization process to be somewhat slow for certain projects. The randomization process has been optimized to be faster. (Ticket #248452)

Bug fix: For CDIS, an incorrect CDP Dashboard link was displayed in CDM Projects.

Bug fix: For CDIS, the Clinical Data Mart fetch process might fail silently due to a PHP warning.

Bug fix: If a MyCap-enabled PROMIS instrument is part of a Health Measure battery, the instrument was not functioning in a series as repeating for selected events.

Bug fix: The "Require reversal" setting for the "Spatial Memory" active task for MyCap task because it was never utilized on the MyCap mobile app side.

Bug fix: When MLM is active on a form/survey that contains Smart Charts in translatable labels, the Smart Charts would get lost during rendering of the field translations. (Ticket #248576)

Bug fix: When downloading a PDF of a survey instrument or when REDCap is storing a PDF Snapshot of a survey instrument, certain HTML tags (most notably BR tags) that exist in the survey instruction text might mistakenly get stripped out before being properly processed into line breaks, etc. for the PDF. Bug emerged in REDCap 14.5.0. (Ticket #243240b)

Bug fix: When exporting an individual instrument's translations on the MLM setup page, the settings from the MLM export dialog were not properly observed. (Ticket #249036)

Bug fix: When translating text via MLM for section headers and matrix headers, "line breaks" were not properly preserved when MLM is active on a form/survey. (Ticket #249027)

Various CDIS-related bug fixes