

REDCap Flex Upgrade Changelog – May 14, 2025

Version 15.0.21 LTS to 15.0.23 LTS

No new features, only bug and security fixes.

Version 15.0.23

- 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.
- 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.
- 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 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: Some MyCap-related CSS might mistakenly alter Bootstrap CSS classes in a non-scoped fashion.

Version 15.0.22

- 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: 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)