



# DFcollect Version 5.7.0

## Release Notes

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# 1. Introduction

## Overview

DFcollect is a tablet-based application for Android, iPadOS, and iOS within the DFdiscover platform for online and offline electronic data capture. It supports eSource, direct data capture, and source data capture with or without an internet connection while maintaining interactive data quality checks and workflows. DFcollect Version 5.7.0 is released with DFdiscover 2023 Version 5.7.0. Key updates to DFcollect in this release include:

- **Dashboard:** Gain valuable insights at a glance with an intuitive dashboard, enabling study progress monitoring and quick issue resolution.
- **Multi-language CRFs:** Simplify multi-language CRF implementation with study-specific translations and related edit checks, as well as a new preference for CRF language, supported for online and offline.
- **Restore Unsaved Data After Auto Logout:** Rest easy with enhanced protection against data loss. A new prompt allows the user to reopen the last visited CRF if there were any changes not saved before logout due to inactivity.
- **Enhanced Multimedia Support:** Enrich your help documentation with images, audio, and video in study, plate, and field help, and expand remote monitoring capabilities with playback for audio files attached to CRFs.
- **Chinese Language Support:** The DFcollect app is now available in Chinese as well as English and French. Set the language in Preferences before logging in.

Details of these changes and more are covered in the following chapter, [New Features and Enhancements](#). See the [DFdiscover 5.7.0 Release Notes](#) for details of changes to the server, API, and other client applications. The complete listing of all DFdiscover 5.7.0 changes by product area and type of change is available [in spreadsheet format](#).

## Supported Devices

DFcollect Version 5.7.0 requires a mobile device (tablet or smartphone) running Android 5.1 and newer, iPadOS 13.1 and newer, or iOS 11 and newer.

## Compatibility

The new features in DFcollect Version 5.7.0 are only available when connecting to a DFdiscover server and API Version 5.7.0 or later, as noted in the following chapter. The DFdiscover API available at [dfws.dfdiscover.com](https://dfws.dfdiscover.com) (the default API server setting used in DFcollect) is upgraded to Version 5.7.0 shortly after release.

If a version of DFcollect will be used that does not match the current DFdiscover server version, ensure that the server or study **Version Strict** setting is **All minor versions supported** or **Minimum version supported** in **DFadmin**.

## Permission Considerations

Before a user can login to DFcollect, the DFdiscover server they are connecting to must have the DFWS feature enabled in the license. In addition, DFcollect users require the following study role permissions (defined in DFadmin) for features to function:

- API Clients-DFcollect is required to login to a study.
- Server-Attach Document is required to attach documents to CRFs.
- DFdiscover Reports-DF\_TaskSummary is required to view tasks.
- **NEW:** Specific DFdiscover Reports are required for the dashboard:  
DF\_SBCrfoverview, DF\_QueryOverview, DF\_SBsummary, DF\_QueryDataSummary.

## Installation

DFcollect is available for installation from the [Google Play Store](https://play.google.com/store/apps/details?id=com.dfnetresearch.dfcollect) on Android and from the [Apple App Store](https://apps.apple.com/us/app/dfcollect/id1444444444) on iPadOS and iOS. The build date for DFcollect 5.7.0 is Sept 18, 2023.

If auto-update is enabled for DFcollect on the device, DFcollect will update automatically as new versions are released. If auto-update is disabled, users will need to manually update DFcollect to use newer versions.

## Getting Help

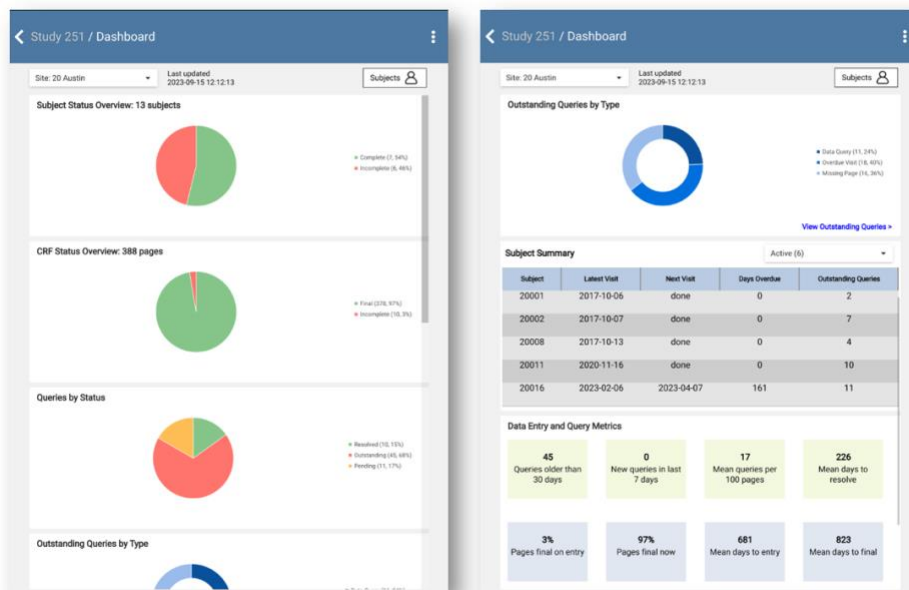
For software support, please contact the DFdiscover team via email at [help@dfnetresearch.com](mailto:help@dfnetresearch.com) or visit the DFnet website at <https://www.dfnetresearch.com>.

## 2. New Features and Enhancements

This chapter provides an overview of new features and enhancements in DFcollect since the release of Version 5.6.0. Links in blue will take you to the relevant user guide with further information. The list of all DFdiscover 5.7.0 changes, including bug fixes, by product area and type of change is also available [here](#).

### DFcollect Dashboard

Gain valuable insights at a glance with an intuitive dashboard, empowering you to monitor study progress and quickly identify outstanding issues. The dashboard displays an overview of study data, subject data quality, metrics, and study help.



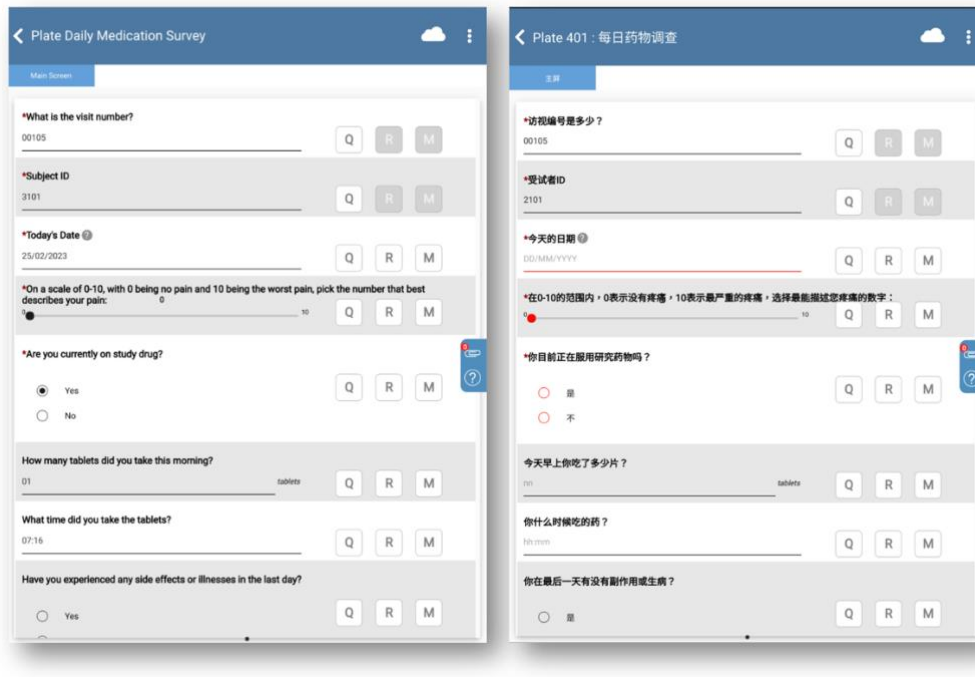
The first four tiles display an overview of subject status, CRF status, query status, and type of outstanding queries. The Subject Summary table lists active subjects with ongoing follow-up or outstanding queries. Use the Active dropdown to view complete subjects (visits completed, no outstanding queries) or all subjects. Double-click the number of outstanding queries to open the list of outstanding queries for that subject.

The dashboard is accessible from the Sites page, where the dashboard will include data from all sites you have access to, and from the Subjects page, where the dashboard shows data for the current site only. If you have access to multiple sites in a large study, only site-specific dashboards are available.

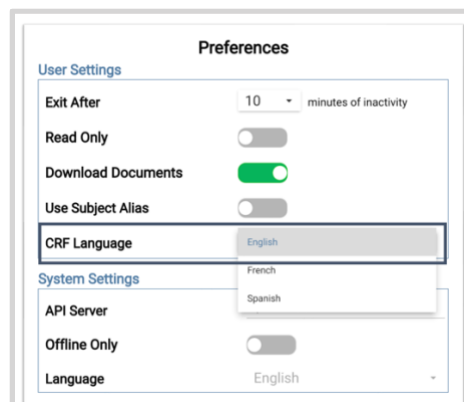
The dashboard is only available while online and when connecting to DFdiscover server and API version 5.7 or later. [See details.](#)

## Multi-language CRFs in DFcollect

DFdiscover now supports multi-language CRFs in DFcollect. Each plate may have translations defined so that questionnaires and surveys are displayed in the appropriate language when being administered to or completed by study participants or site staff.



A new CRF Language preference has been added to DFcollect to allow users to switch language manually. In addition, the `dfpref()` edit check function may be used to set the language automatically using edit checks. Languages are supported online and offline.

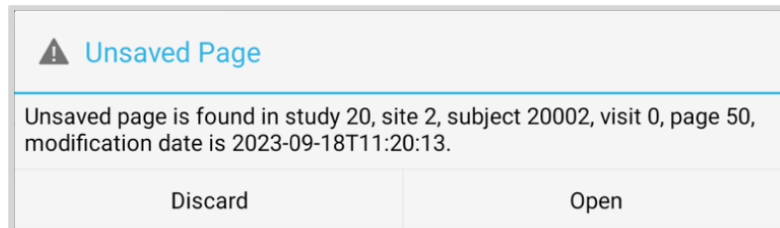


Languages and translations are defined in DFsetup. [See details](#). Note that the CRF Language is separate from the app Language in DFcollect (shown under System Settings in Preferences).

This feature requires DFdiscover server and API version 5.7 or later.

## Restore Unsaved Data After Auto Logout in DFcollect

DFcollect now allows the user to restore unsaved data if they were logged out automatically with unsaved changes to a CRF. This helps prevent loss of data when DFcollect is used for eSource or direct data capture.

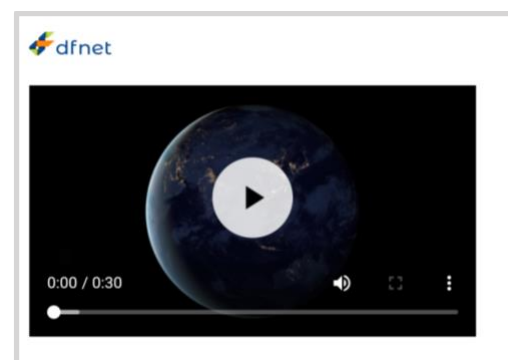
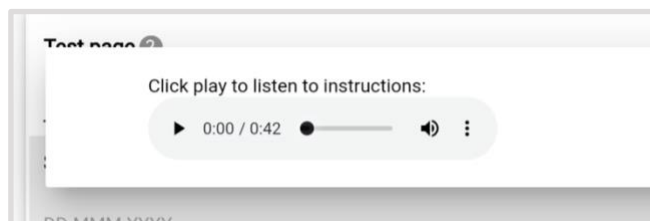


When logging in after being auto logged out, if unsaved changes are detected, the previous study will be auto loaded, and you will be prompted with a choice to restore the unsaved page or discard it. Once discarded, the unsaved changes cannot be retrieved.

## Enhanced Multimedia Support in DFcollect

Get creative with your CRF completion instructions by adding images, audio, and video. Field help, plate help, and study help displayed in DFcollect now support more HTML content including images, audio, and video.

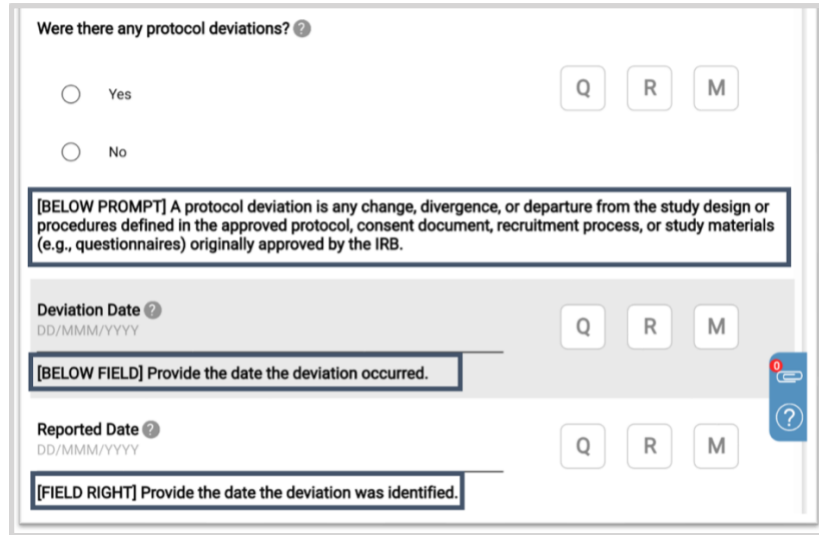
Multimedia files with an URL source are available while online only, while those using base64 data are also available offline.



In addition, playback for audio attachments (mp3, wav) is now supported in the Manage Documents view in DFcollect.

## Enhanced Field Instructions

In DFcollect, field instructions may now appear below the data field. Instructions defined in DFsetup as field right, below field, or below prompt will now appear below the data field, instead of above it. This offers more flexibility for including instructions directly on the eCRF and provides consistency with DFexplore and DFweb eCRF display.



## Additional Updates

- DFcollect has been updated to enforce all record-level permissions while offline. This resolves limitations in previous versions where default record permissions were applied to new CRFs completed offline, limiting the use of features such as validation levels above 1 and set/unset missed records. This update requires DFdiscover server and API version 5.7 or later.
- When a choice field label is too long to fit on the screen in DFcollect, an icon now appears which when clicked displays the full text of the label.
- DFcollect now supports the dfaddmpqc and dfdelmpqc edit check functions, both online and offline.
- DFcollect now supports the UseSubjectAlias option in the dfpref and dfprefinfo edit check functions. This allows the Use Subject Alias setting in the Preferences dialog to be pre-set by the database developer.
- The About DFcollect dialog now includes details about the time zone in UTC (Coordinated Universal Time) used for timestamps shown in DFcollect, including the local time zone detected on the device. The accuracy of these time zones is dependent on the local device time being correct.



- The DFcollect interface is now provided in the Chinese language in addition to English and French. Change the app language before login under System Settings in the DFcollect Preferences.
- The French translation has been updated in DFcollect.
- The Storage & Syncing page has been updated to display the study number and title.
- See all bug fixes [here](#).

## 3. Known Issues and Advance Notices

### Known Issues

This section provides information about low-severity, low-priority issues that exist in the current release, with details about available workarounds. Where possible, issues are planned to be addressed in a future release.

1. DFcollect only supports lookup tables with a file size below 40 MB. Lookup tables larger than 40 MB in size cannot be loaded or used in DFcollect.
2. When accessed from the Sites page, Query View may not update after CRFs have been modified. As a workaround, access Query View from the Subjects page to see the most up to date queries.
3. If the dftrigger edit check function references a page that is not defined in the visit map, the defined action fails and returns 0.
4. On small mobile displays on CRFs with instructions defined, the instructions and prompt may overlap. As a workaround, switch to landscape mode to view the text without overlap.
5. In DFexplore, missing page and overdue visit queries are not displayed in the subject binder for users without get level 0 access. However, in DFcollect, missing page and overdue visit queries are displayed in the subject binder.

### Advance Notices

This section provides information about changes planned in a future release that may impact ongoing projects, particularly features that will be deprecated. These notices are intended to support planning for future upgrades.

There are no advance notices for DFcollect in this release.