

# CAPI Release Summary - 2024

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## 2 Dec 2024

| Platform | Version   |
|----------|-----------|
| Windows  | 2024.11.4 |

### Improvements

CAPI App for Windows survey web view technology has been upgraded. Min requirements are unchanged. Existing installations can be upgraded by running the latest installer.

## 5 Nov 2024

| Platform | Version   |
|----------|-----------|
| Windows  | 2024.11.1 |
| Android  | 2024.11.1 |
| iOS      | 2024.11.1 |

### Improvements

- Respondents with status "Screened" or "Quota Full" were incorrectly displaying with status "Postponed" in the survey Respondent tab.

31 Oct 2024

| Platform | Version    |
|----------|------------|
| Windows  | 2024.10.13 |
| Android  | 2024.10.6  |
| iOS      | 2024.10.6  |

### Improvements

- When creating/updating/duplicating and then completing a respondent via respondent redirect mechanism, user is taken to the main survey list page instead of the Respondents tab

9 Oct 2024

| Platform | Version    |
|----------|------------|
| Windows  | 2024.10.3  |
| Android  | 2024.10.3  |
| iOS      | 2024.10.10 |

### Improvements

Prevent Server (CAWI) Respondent from being Overwritten by CAPI (CAPINoOverwrite)

By default, when a respondent assigned to CAPI, any changes made on CAPI will overwrite the respondent stored on server unless the server respondent state is set to Complete.

In certain situations where it is necessary to prevent server respondents from being overwritten by CAPI, it is now possible to bypass this behavior for specific respondents. To prevent a server respondent from being overwritten by CAPI, add the following reserved variable and set the value to "1" (true):

```
SetRespondentValue("__CAPINoOverwrite", "1");
```

During CAPI synchronization, this variable value is received from the server and if enabled ("1"), CAPI will prevent the local respondent from being uploaded to the server.

If the respondent is opened on CAPI, the user will receive a message indicating that the "CAPINoOverwrite is enabled for this respondent and cannot be uploaded", preventing the CAPI user from continuing to make changes to the respondent.

## Merge Respondent Data from CAWI

CAPI App now supports the ability update *specific* respondent variables even for respondents that have been resumed on CAPI. Normally once a respondent has been started/resumed on CAPI, it will not be overwritten by CAWI during a synchronization.

To indicate respondent variables that should be considered for merging, create a separate "tracking" variable using the naming convention [variable]\_\_changed.

For example:

- Main respondent variable: q1
- Tracking variable: q1\_\_changed

When updating the value stored in q, also change the value for q1\_\_changed to the current datetime in UTC.

```
SetRespondentValue("q1", "newvalue");  
SetRespondentValue("q1__changed", new Date()).toISOString());
```

During CAPI synchronization, CAPI receives the latest respondent from the server and for each variable with the name "XX\_\_changed", CAPI compares the datetime between that received from the server and the same respondent stored locally on CAPI. If the server datetime is newer then CAPI assigns the corresponding variable with the same value as received from server. Another way to express this:

```
If server.q1__changed > capi.q1__changed
```

- capi.q1 = server.q1
- capi.q1\_\_changed = server.q1\_\_changed

18 Sept 2024

| Platform | Version  |
|----------|----------|
| Windows  | 2024.9.5 |
| Android  | 2024.9.1 |
| iOS      | 2024.9.1 |

## Improvements

### Automatically Trigger Synchronization

CAPI App now supports the ability to automatically trigger a sync action whenever a respondent is closed, regardless of the status (e.g. Completed, Postponed, Cancelled)

To enable this in CAPI App, simply add the following scripting to any survey that is assigned:

```
SetSurveyDeviceVariable("__systemSyncOnClose","true")
```

This is equivalent to tapping the Sync button on the Home screen.

#### Android Minimum OS now 8.0+

The minimum Android OS supported has been changed to 8.0 or higher.

### 9 May 2024

| Platform | Version  |
|----------|----------|
| Windows  | 2024.5.1 |
| Android  | 2024.5.1 |
| iOS      | 2024.5.1 |

#### Improvements

- Ensure Settings > Send Diagnostics works for test environments and on-premise sites
- Start Block is not called with RedirectToRespondentRecord()

### 5 March 2024

| Platform | Version  |
|----------|----------|
| Windows  | 2024.2.4 |
| Android  | 2024.2.3 |
| iOS      | 2024.2.3 |

#### Improvements

##### New Advanced Scripting Functions to Create, Update and Navigate to other Respondents

CAPI App now supports several advanced scripting functions to support the ability to create, update and navigate to other respondent records while within an existing respondent. The functions support the ability to:

- Lookup other respondent records
- Create a respondent record
- Duplicate a respondent record
- Update data within another respondent record
- Redirect to another respondent record

Other improvements:

- Survey Summary tab, now show number of completes for last 30 days (previously 7 days)

Please see the Forsta Knowledge Base for more details on these functions.

