

Famoco Layer v3 User Documentation

This documentation describes the latest version of the Famoco Layer

The Famoco Layer is currently available in English and French, English will be displayed if another unavailable language is set.

Default “stock state” screen

This screen is displayed in production mode with no app installed. This screen allows the device user to set up a Wi-Fi connexion.

This screen includes a hidden access to a Dialer (long press in the top right corner of the screen).

Launcher

The launcher is a default screen mainly dedicated to application launch.

This screen is displayed by default after starting the device or hitting the Home button. It may be hidden if an installed application is set to Auto Launch (e.g. the home button launches the app).

A status bar is displayed on top of both Launcher and Dashboard screens, it displays time, connectivity and battery data.

Under the status bar, an identification zone displays the device’s custom identification text. If this text is empty, it is replayed by the Famoco ID.

Under the identification zone, the Launcher displays the application currently installed on the device. When there are 1, 2, 3 or 4 apps to display, a “home grid” template displays big application icons. From the 5th application, another template with 3 columns is used, it can be scrolled if necessary. Apps are a-z ordered

Dashboard and Settings apps are displayed in dev mode only.

Dashboard

The dashboard is a series of screens dedicated to the device sync and setup. It can be accessed by a long press on the home button (in older version, volume up long press)

The bottom of the Dashboard screens displays a navigation bar with 3 entries: Dashboard; Sync and Settings. Those 3 items open screens that give access to sub screens or modals, all described below.

Dashboard (main section, default view)

This screen displays two sections: Device Identification and Connectivity. It can be accessed anytime from a Dashboard screen by hitting

Device Identification

This section displays the Famoco ID and the Custom Identification.

A click on the Famoco ID opens a modal with QR Code and OCR version of the Famoco ID.

A click on Custom Identification opens a modal to edit it (only if the device is set to do so, upon MDM settings). The badge icon, associated with the Custom Identification, is coloured in green when clickable (custom identification is editable) and in grey otherwise. Empty Custom Identification is displayed as N/A.

Connectivity

This section displays the current connectivity statuses:

- Date of last sync
- Network status (Connected or Not Connected) and network type (Wi-Fi or Mobile Data, for Mobile Data, we also display the quality: 2G, 3G, 4G, etc.)
- Internet status (Internet access or No Internet access)
- MDM status (Reachable or Unreachable)

A “Wi-Fi and mobile data are not enabled” warning is also displayed when both Wi-Fi and Mobile data are not enabled.

Sync (main section)

A tap on the Sync icon in the navigation bar opens the Synchronization screen

Synchronization (screen)

This screen displays an access to Sync Logs (a complete history of the last 100 sync logs, if applicable), a direct link to the last sync, the Sync Interval and an estimate of the next sync date and time.

A Force Sync button is displayed at the bottom of the screen. If there is no connectivity, the Force Sync button is greyed and not tappable. A tap on the Force Sync button opens the Ongoing Sync screen and launches a sync immediately. During an ongoing sync, the Force Sync button is labelled See Ongoing Sync and a tap on it reopens the Ongoing Sync screen.

Sync Logs (screen)

This screen lists the 100 last Sync Logs. Each log corresponds to a past sync attempt and displays a status (Synced or Not synced text and icon) and the date and time of the sync. Each listed sync is linked to a detailed sync log in a modal. The logs are sorted from the most recent to the oldest one. The max number of stored logs is 100, if a new sync occurs, the device logs it and clears the oldest log.

Sync Log (modal)

This modal is displayed over the previous screen (it can be the Synchronization or the Sync Logs screens). It displays all the detailed logs of a synchronization: the sync date and time and all the sync steps, usually from Obtaining device information to Sync done.

For each step, the device displays the step description (e.g. Installing AppName); the outcome (✓ or ✗ icon); the error message (if applicable) or a Successful label otherwise; and the step duration.

The step duration is displayed in milliseconds when the duration is under 1s, e.g. 999ms, and in seconds (rounded) otherwise, e.g. 59s.

Ongoing Sync (screen)

This screen displays each sync step during an ongoing sync. The steps and the sync details displayed are identical to what is described in the Sync Log (modal) described above. An animation replaces the outcome icon while the step is pending, all the items are displayed as soon as they are available.

The device user may leave this screen and possibly come back later while the sync is still ongoing.

During an ongoing sync, the toasters (messages at the bottom of the screen, over the current app) are also displaying start and end of sync messages and possibly each error.

Settings (main section)

A tap on the Settings icon in the navigation bar opens the Settings screen described below.

Settings (screen)

This screen is a basic navigation screen with 6 items:

- MDM Information
- Device Information
- Connectivity
- Date & Time
- Display & Sound
- Applications

MDM Information (screen)

This screen displays the device's MDM current settings: Organization Name; Fleet Name and Profile Name.

Device Information (screen)

This screen displays:

- Device Model
- IMEI (in case there are 2 SIM cards, 2 IMEI can be displayed, comma separated)
- Wi-Fi MAC address

- OS Version
- Famoco Software Apps list (app names and versions)
- A link to third party software licence details

Connectivity

This screen displays 5 connectivity items:

- Wi-Fi
- Mobile Data
- NFC
- Bluetooth
- Location

For each connectivity item, the device displays:

- An icon (a strikethrough version when connectivity is currently disabled, a regular version otherwise)
- The connectivity item name (ie, “Wi-Fi”)
- If the connectivity can be set by the device user (in developer mode or if the corresponding connectivity is set to “Device controlled” in the profile), an arrow is displayed next to the connectivity name to signal that this text is tappable, a tap opens the corresponding OS setting screen
- The current status, possible values are:
 - Enabled
 - Disabled
 - Enabled by MDM
 - Disabled by MDM
- If the connectivity can be set by the device user, an on/off switch.

A no-connectivity fallback is enabled in case the device has no network (Wi-Fi and Mobile Data disabled) and if NFC is also disabled: Wi-Fi will behave as if this item was set to Device controlled (on/off switch is actionable, link to Wi-Fi setting available to setup a network).

Display & Sound

This screen displays two sliders:

- Brightness
- Volume

Applications

This screen lists all the applications available on the device and signals if one of them is Auto Launch is enabled.

Date & Time

The current Date and time and Time Zone are displayed.

The Auto Time Zone switch is only displayed when actionable (developer mode), in addition an Enabled or Disabled status text is displayed.

End of document