ASSOCIATION

ANDROID USER MANUAL

v_6.4 | OCT_2022

Application Features

✓ **Association –** To Associate the Smart Device with the Cooler.

✓ **Success Association Info –** To Show the Successful Association Logs by Date wise with a message.

✓ **Failure Association Info –** To Show the Failure Association Logs by Date wise with a message.

✓ **Association Overview –** To Show a summary of the Total Number of associations done.

Minimum Requirements for the Phones

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COMPONENT	MINIMUM REQUIRED
OPERATING SYSTEM	Android 8.0
OPERATING MEMORY (RAM)	4 GB and more
FREE STORAGE	4 GB
CAMERA	At least 5.0 MP with Autofocus
PROCESSOR (CPU)	A quad-core processor or faster
BLUETOOTH	BLE 4.2 and above

Application Installation

Install the "**ASSOCIATION**" APK received from an Android phone link.

URL: https://apps.visioniot.net/downloads/Android/Association/

The Association application is compatible only with Smartphones having Android V8.0 and above.

1. Open VISION IOT's Association Application.

2. Log in to the application using the credentials provided by your administrator – after successful login, the user will be directed to the Device Type selection screen.

Suggested Note: Before installation of every new version delete the previous one.

Note: Please ensure Bluetooth & Mobile Wi-Fi or Mobile Data must be ON the device.

Application Permission

After initial Installation & launch, the Application will ask for permission to access.

Choose Server: For CCH, the server should be ATOS Codex, for other customers and QA, another server should be chosen.
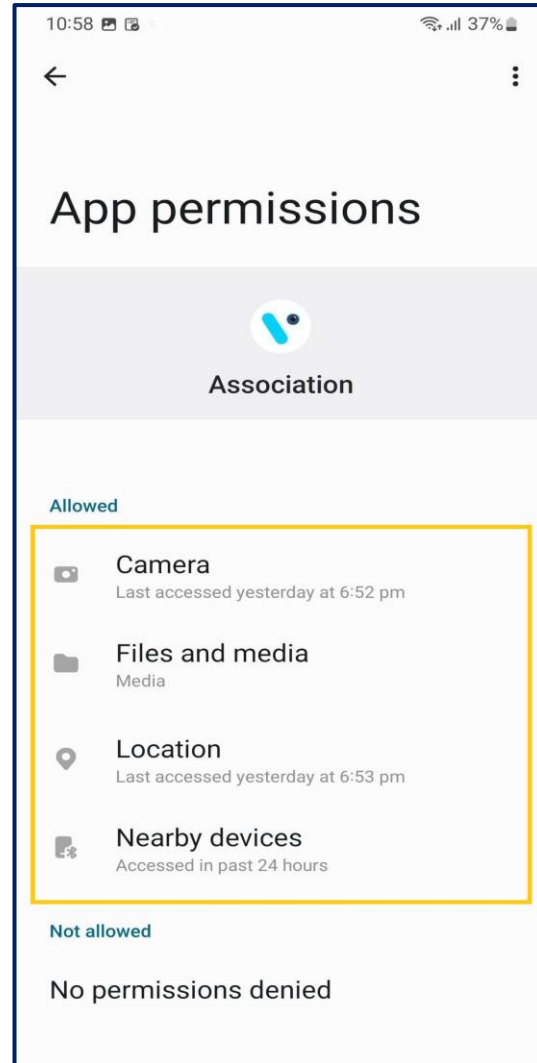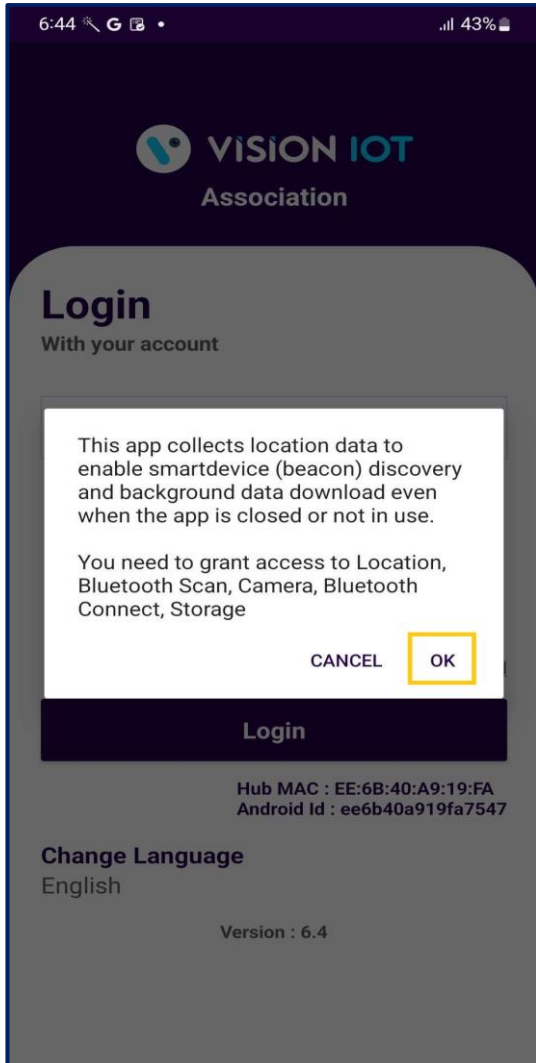
Camera Permission, File and Media Permission, Location Permission, Nearby Device Permission Need to Allow.

PERMISSIONS

- For Location (so beacons can be found) - **Choose Allow While Using App on as per Handset OS.**
- Then Go to the Phone Settings > App Permissions > Location > Allow Location Access option is "Always".
- Same way Other Permissions like File and Media, Camera, Nearby Device need to Allow.

Login

After successfully installing the Association Application. Open the Application, and the application will redirect to Login Page. Select the server from the server list and Login with valid Credentials.

- Bluetooth also should be enabled as well as location services.

- The application requires an internet connection for initial login.

- After the initial log in the application can work in Offline mode provided that the same username & password as the one in the online login is used.

- Minimum device requirements – Device Has 4 GB and Up RAM at least and Bluetooth Version 4.2 and above.

- The Minimum OS version is 8.0 and Above.

✓ Select Server shows several options, depending on the Client and Factory you should choose a different option,

- For CCH installations from Romania and Russia choose the **ATOS Codex** server.
- For CCH installations from China choose the **Frigoglass China** server.
- For Other installations choose **Vision IOT** or contact the **Ebest** server.

✓ If a user is logging in for a first-time Username (User ID) and Password should be entered, and Language should be chosen. The username and password are case-sensitive. Also, users can remember that username and password by **Remember Me** Option.

✓ To change the language, tap on **Change Language** and use can choose the language. Currently, there is English language support available.
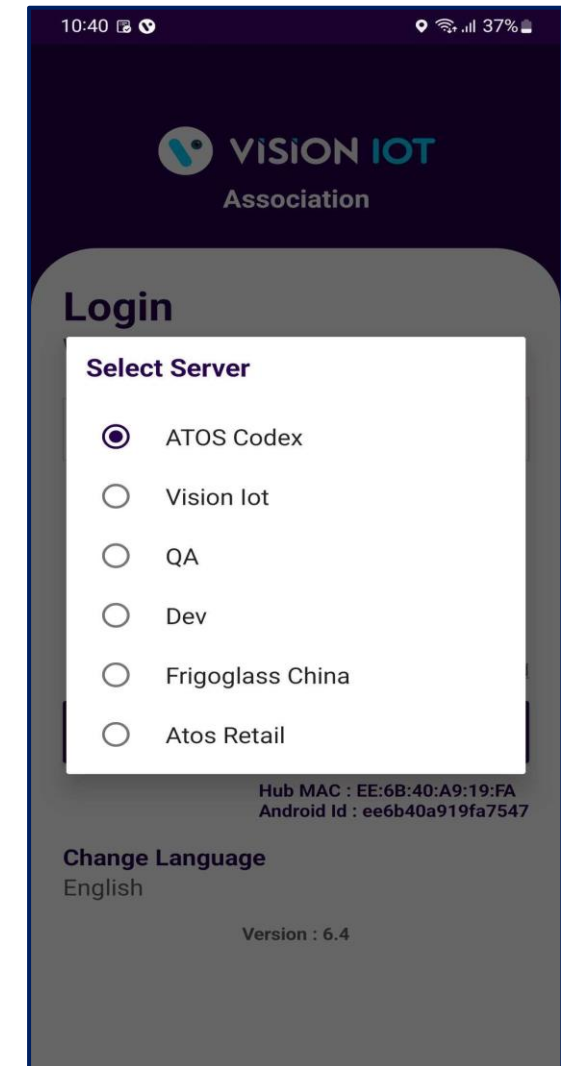
Provide valid credentials and tap on the Login button, please be advised that the application will need some time to download data from the cloud.
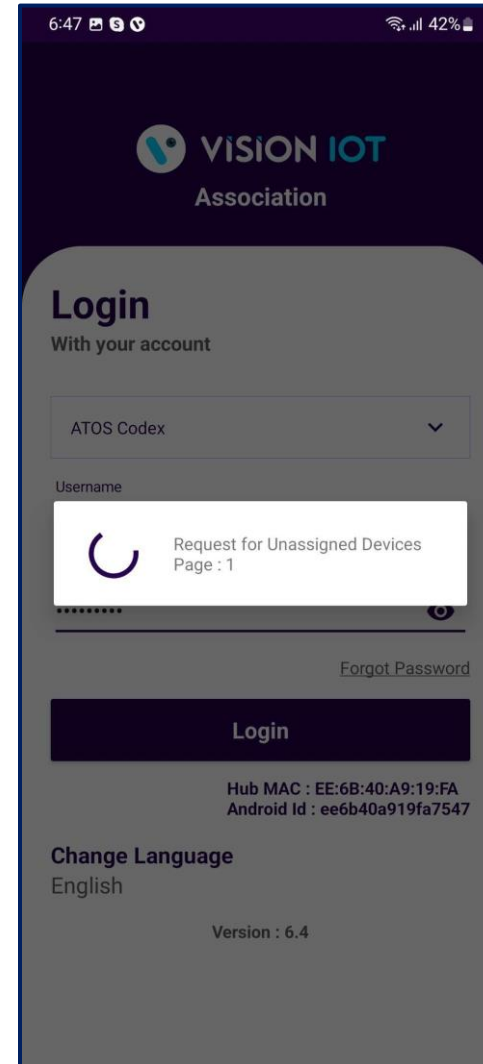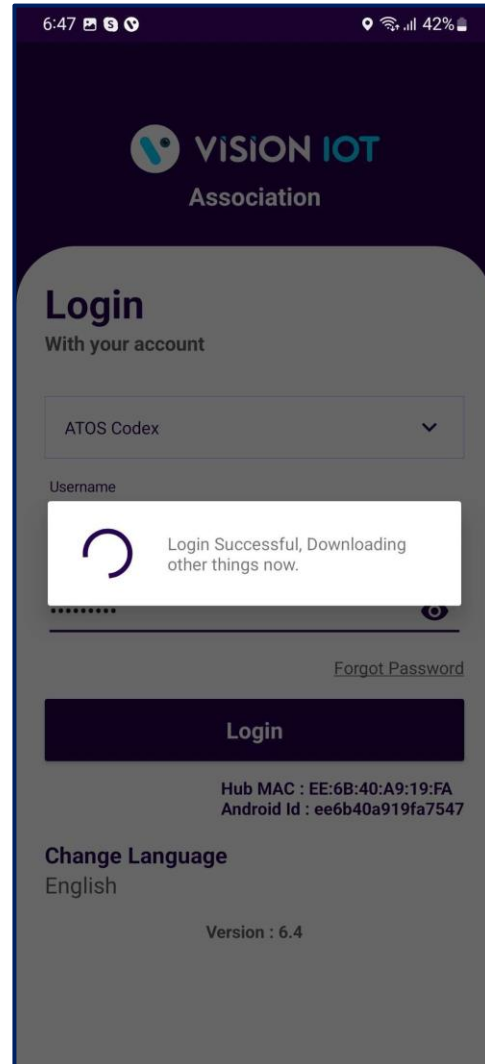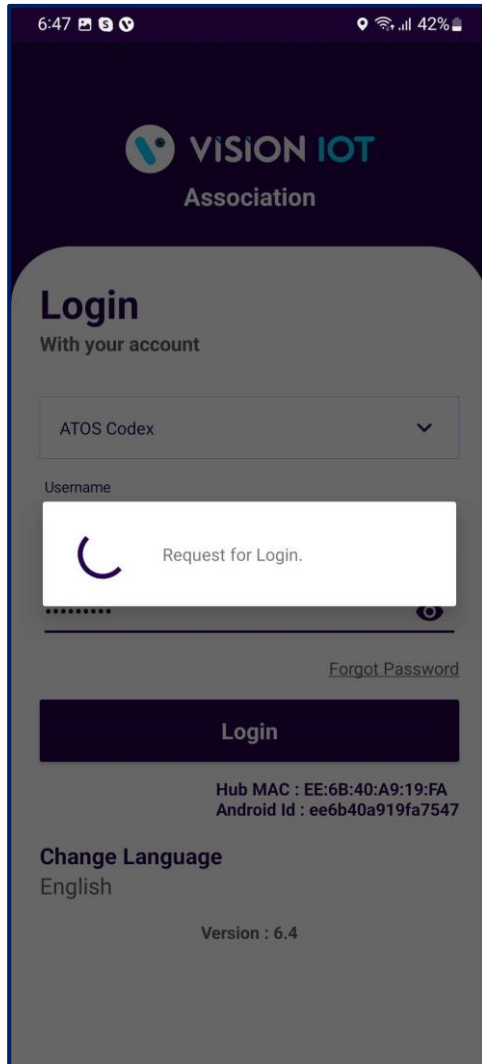
Note: Internet connectivity is required during login otherwise login will fail, and the application will not work
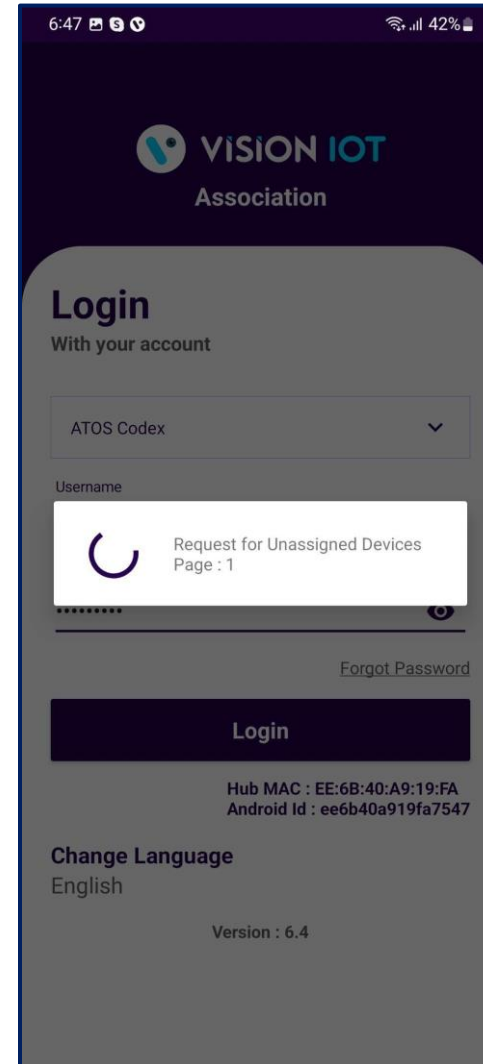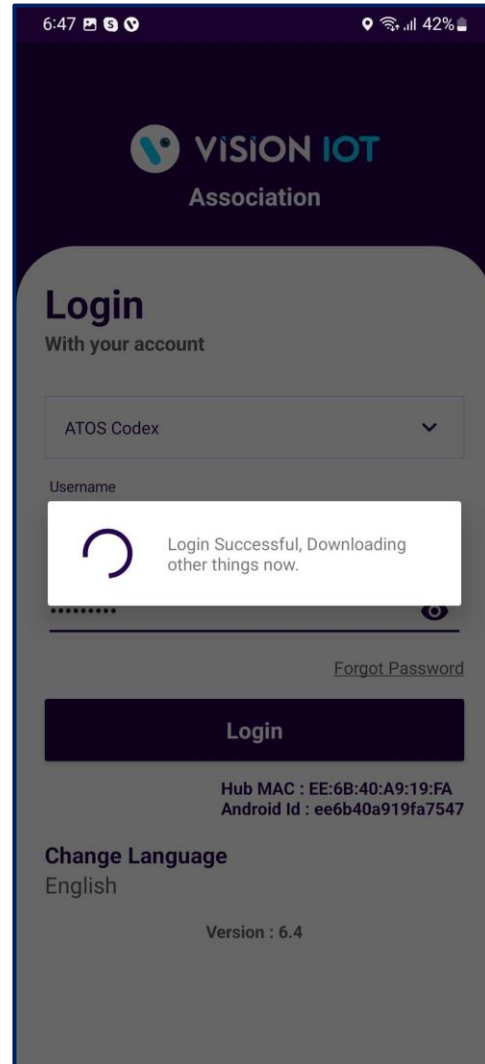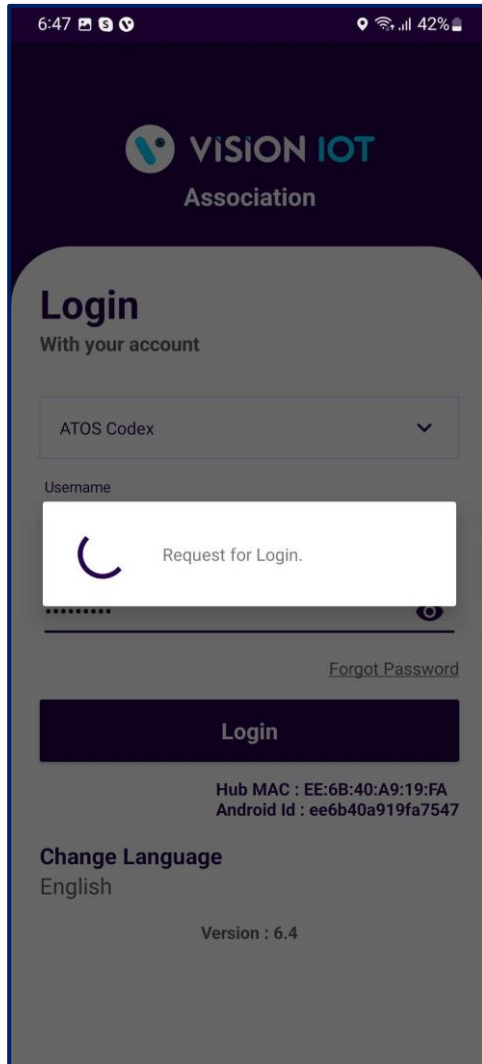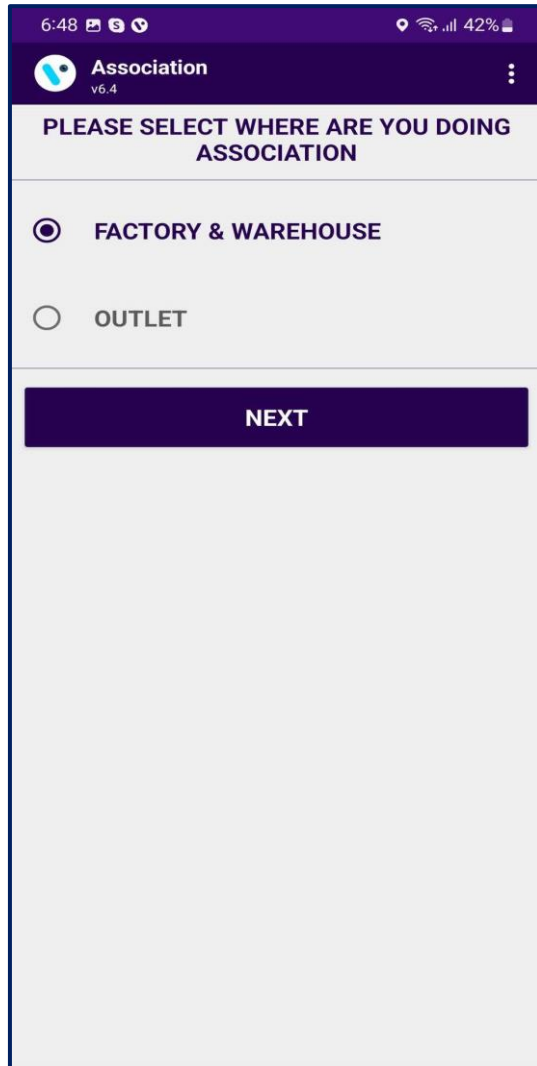
Provide valid credentials and tap on the Login button, please be advised that the application will need some time to download data from the cloud.
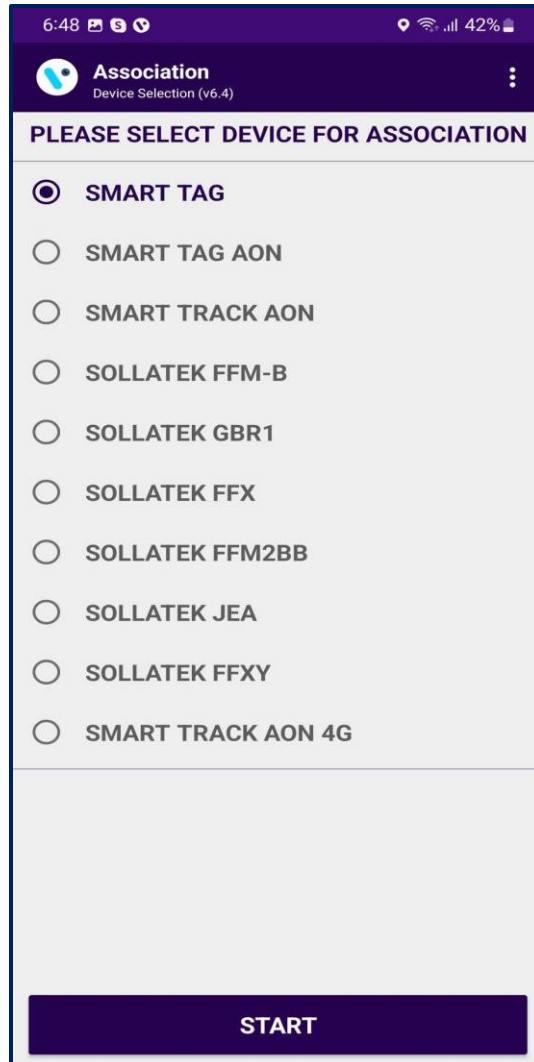
Association – Select Where to Associate

- Users must choose where they are doing the smart device association, Factory & Warehouse, or Outlet Place.

Association – Select Smart Device Type

- Select the Smart Device Type for which the user needs to do association. Association-supported smart device list showing in the display.

- Users must choose here smart device type from the list for which users want to do association. If a SmartTag (3G or 4GV2 or 5GV3) will be associated, please choose **SMART TAG** and click on the START button.

Association – Scan Cooler SN
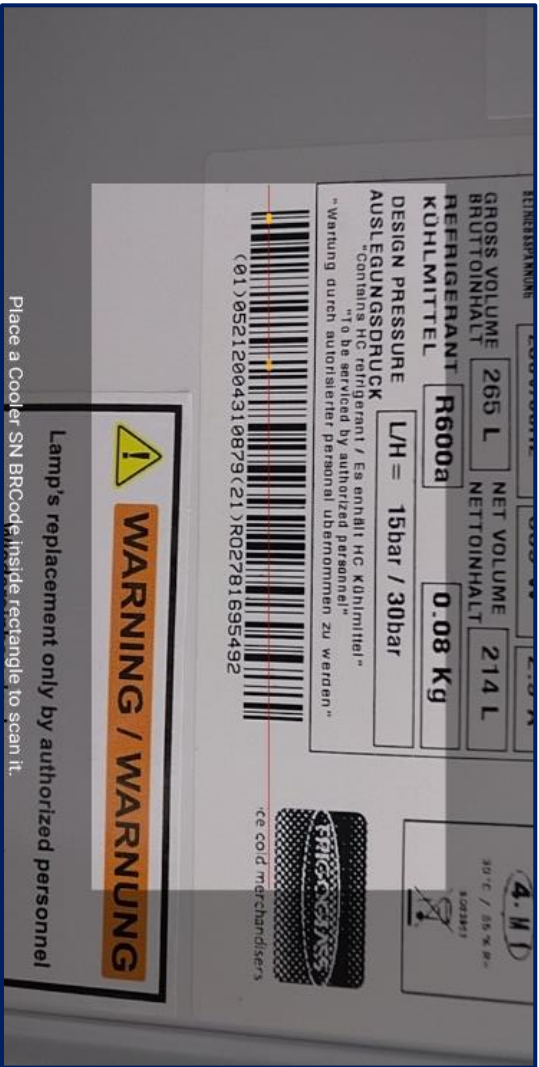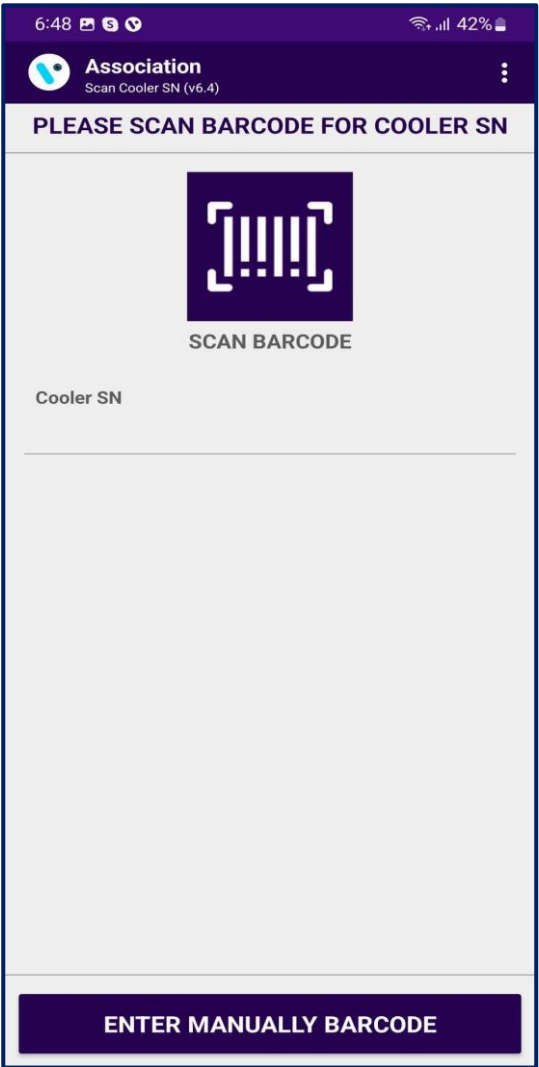
Tap on SCAN BARCODE and scan the barcode of the cooler. Cooler Serial Numbers could also be entered manually by taping on "ENTER MANUALLY BARCODE".

Association – Scan Smart Device SN

After the barcode of the cooler is successfully scanned open and close the door of the cooler to wake up the SmartTag and tap again on SCAN BARCODE for Smart Device Serial and scan the barcode of the SmartTag. Smart Device Serial Number could also be entered manually by taping on "ENTER MANUALLY BARCODE".

Association – Scan Smart Device SN

After the barcode of the cooler is successfully scanned open and close the door of the cooler to wake up the SmartTag and tap again on SCAN BARCODE for Smart Device Serial and scan the barcode of the SmartTag. Smart Device Serial Number could also be entered manually by taping on "ENTER MANUALLY BARCODE".

Association – Smart Device Configuration Setting Up

After the SmartTag Serial Number is successfully scanned the following screen will be shown. It will initialize the association process and respectively show the SUCCESS message.
If Scanning Timer reaches 30 seconds open and closes the door again, if this doesn't help check if the SmartTag and the Magnet are installed correctly.
The Cooler Serial Number and SmartTag Serial Number can be seen on the screen.
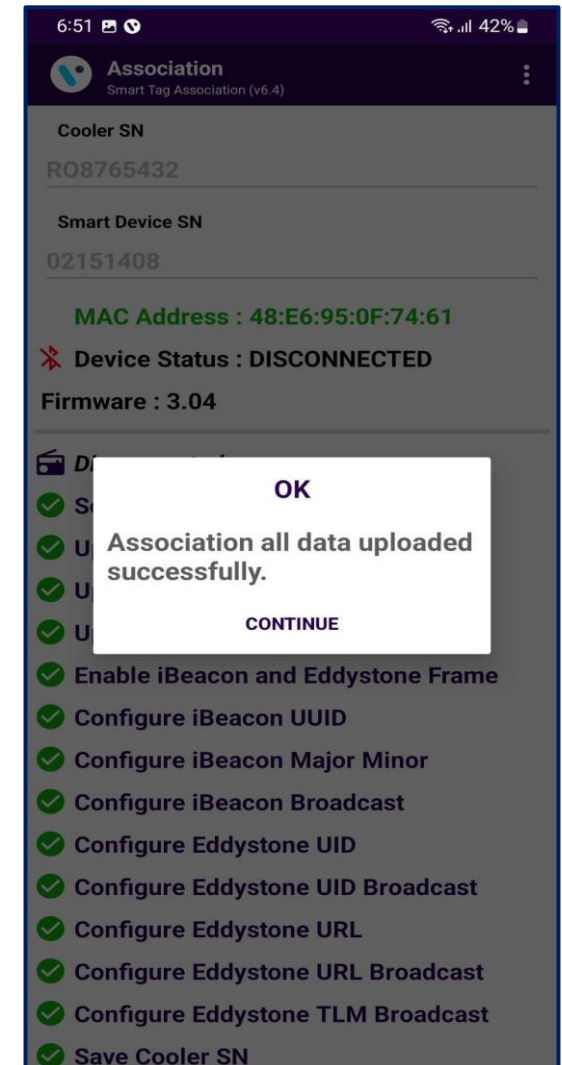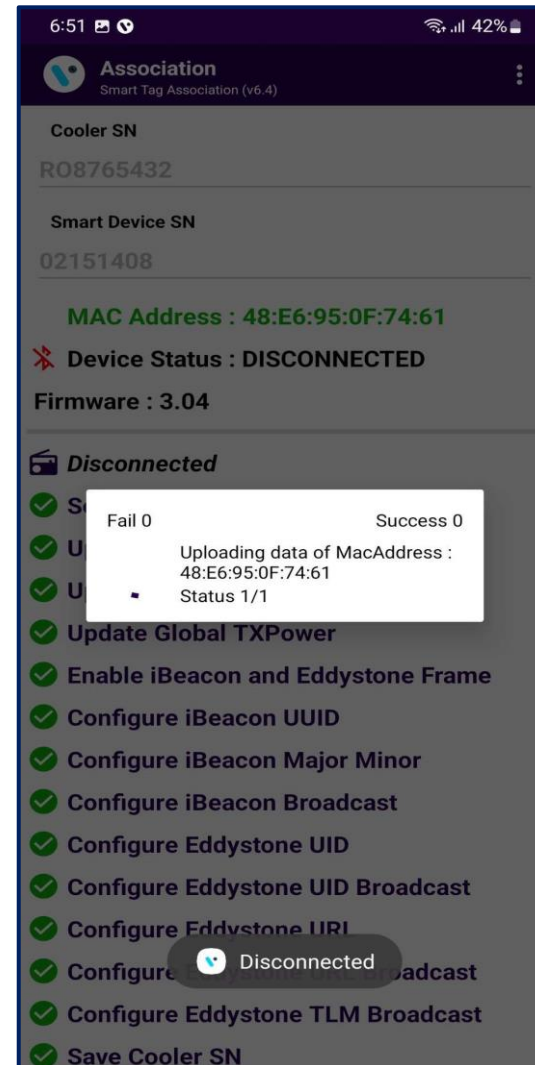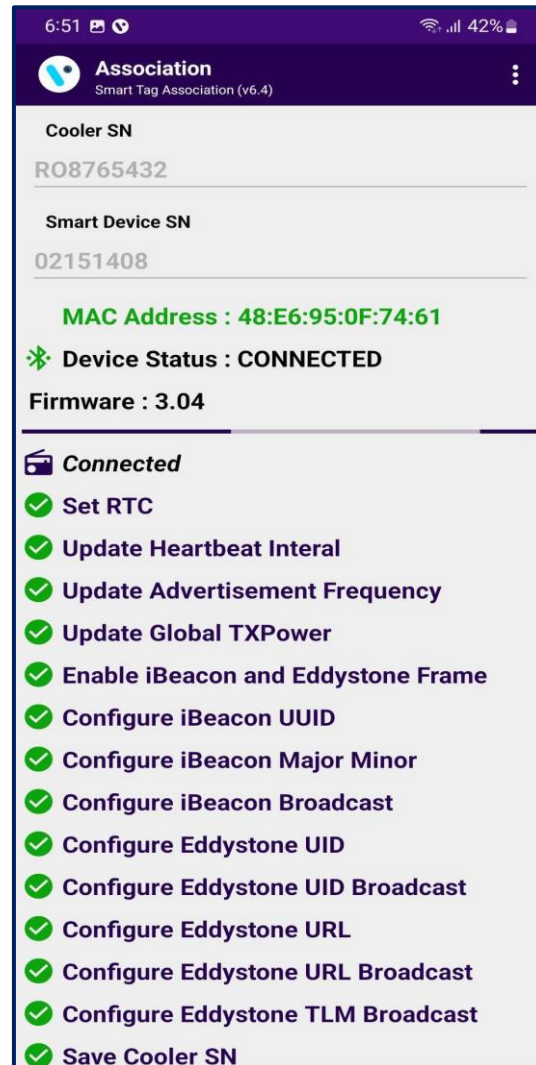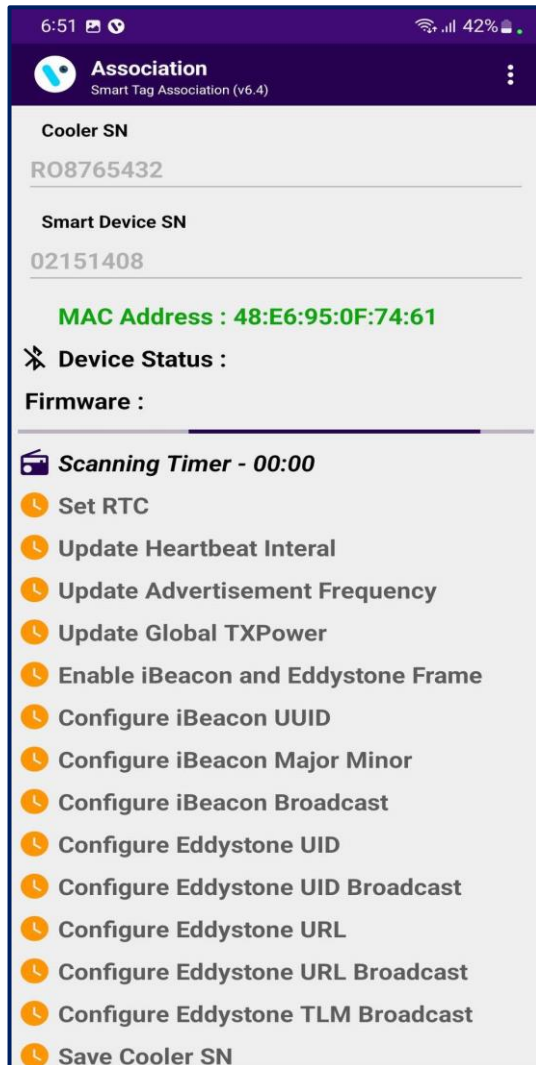
Association – Verify Association
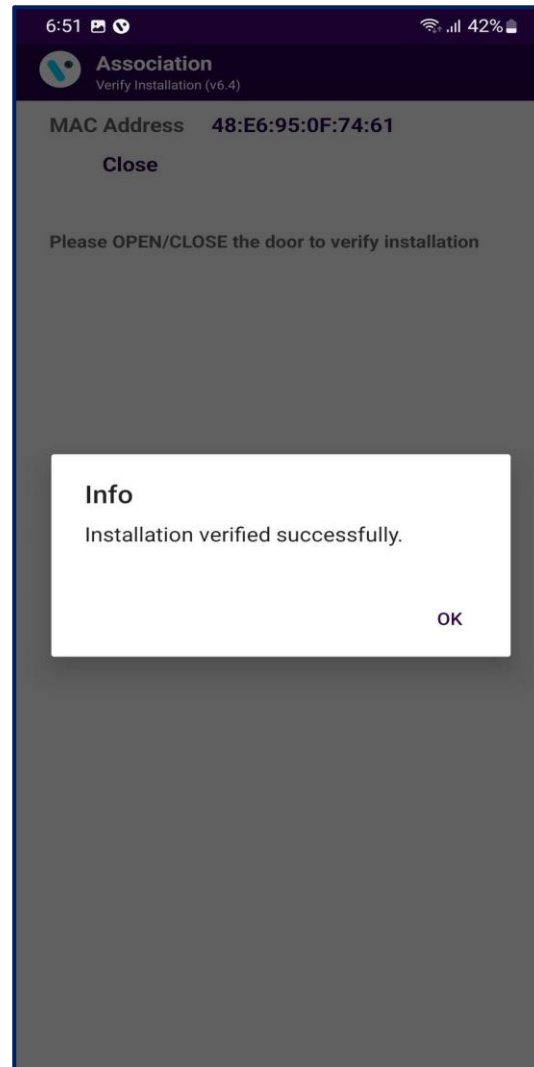
After the successful Association There found one verification of installation by Door Opening and Close of the device.

LOGS – Upload Association Data

To check if all the associated data is uploaded, tap on the hamburger menu in the upper right corner and then tap on **Upload Association Data**. Once data is uploaded a prompt saying all Association data uploaded was successful. If there is no data for upload a prompt saying that will be shown.
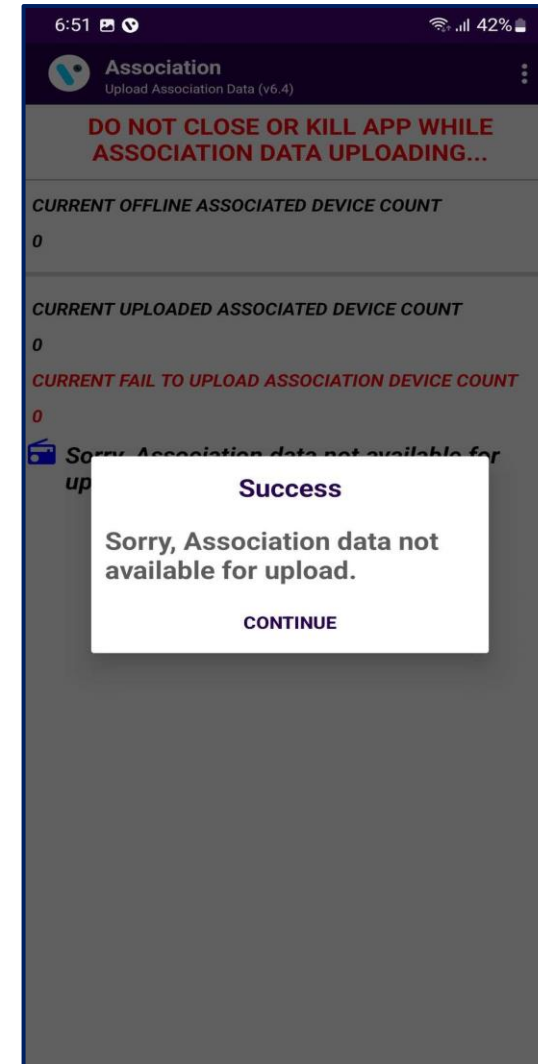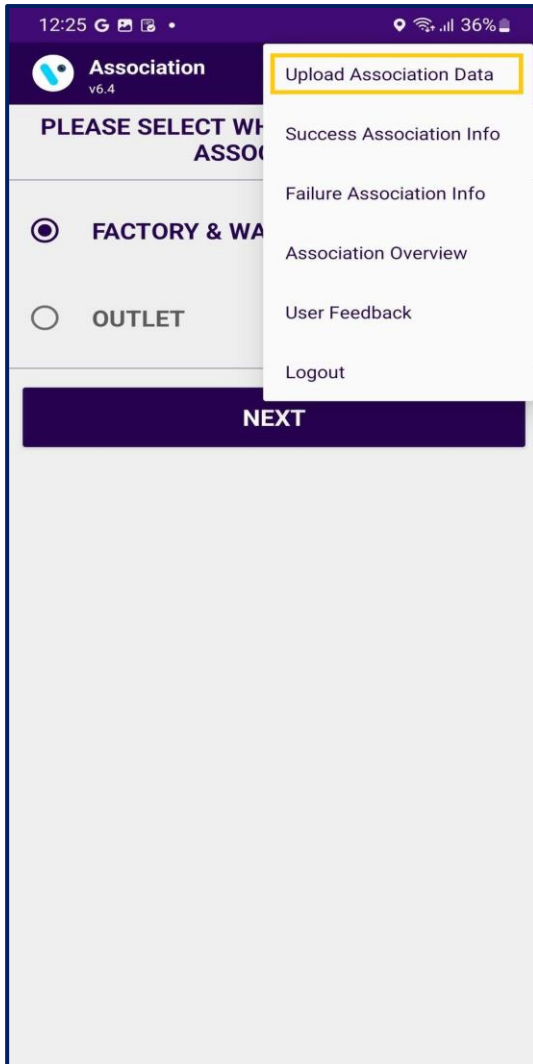
LOGS – Success Association Info

To check all Successful Associations Info, tap on the hamburger menu in the upper right corner and then tap on **Success Association Info** and view the button showing details of the association.
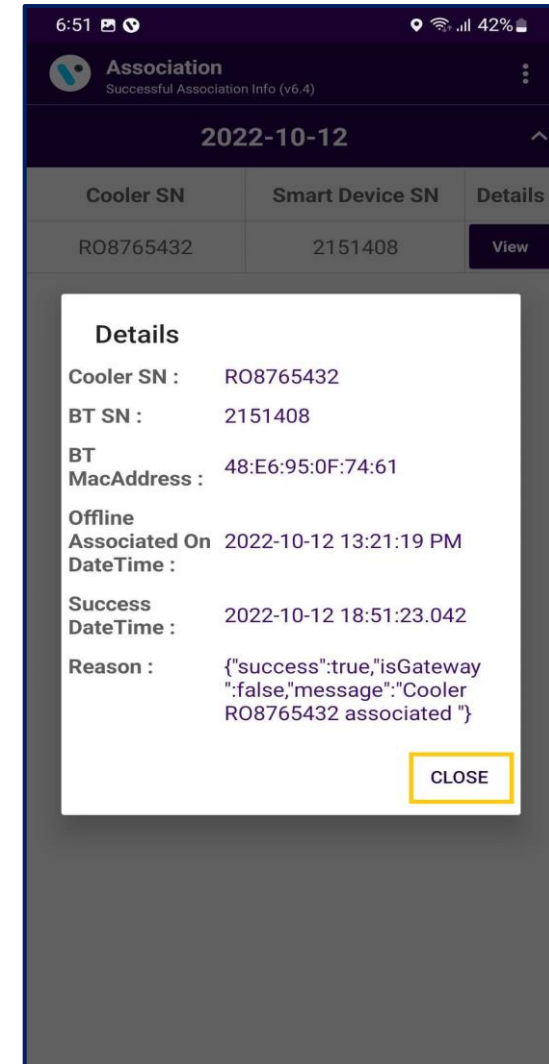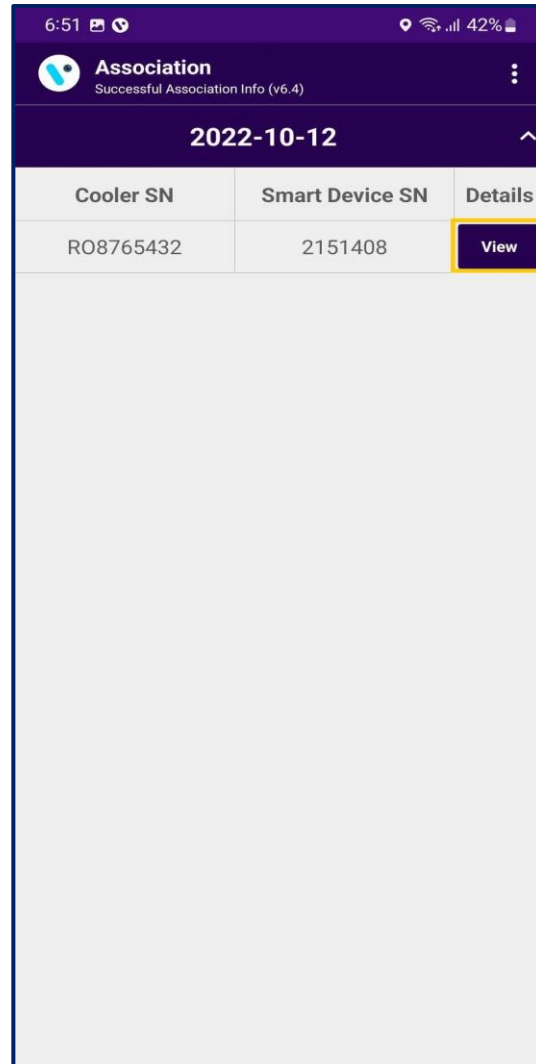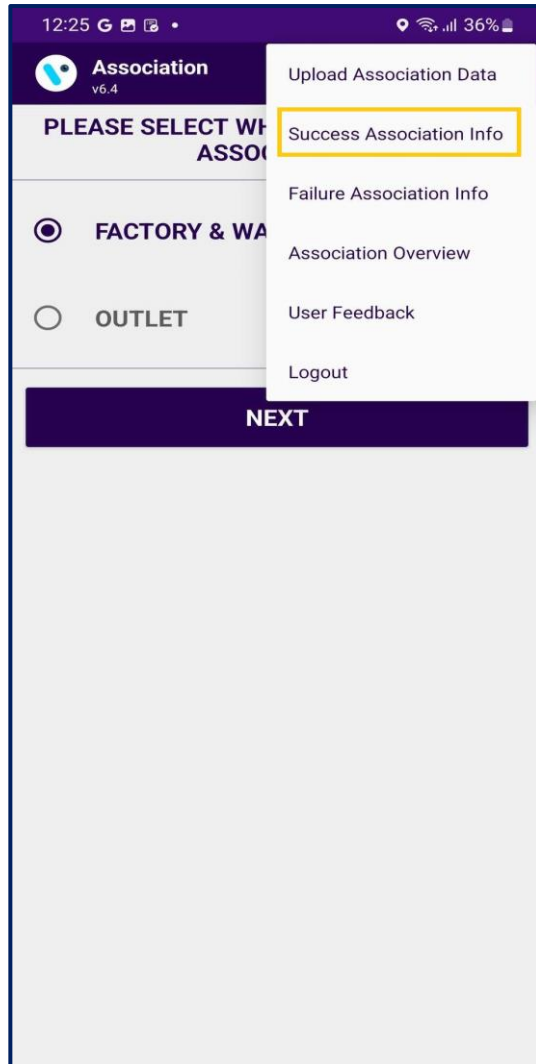
LOGS – Failure Association Info

To check all Failed Associations Info, tap on the hamburger menu in the upper right corner and then tap on **Failure Association Info**.
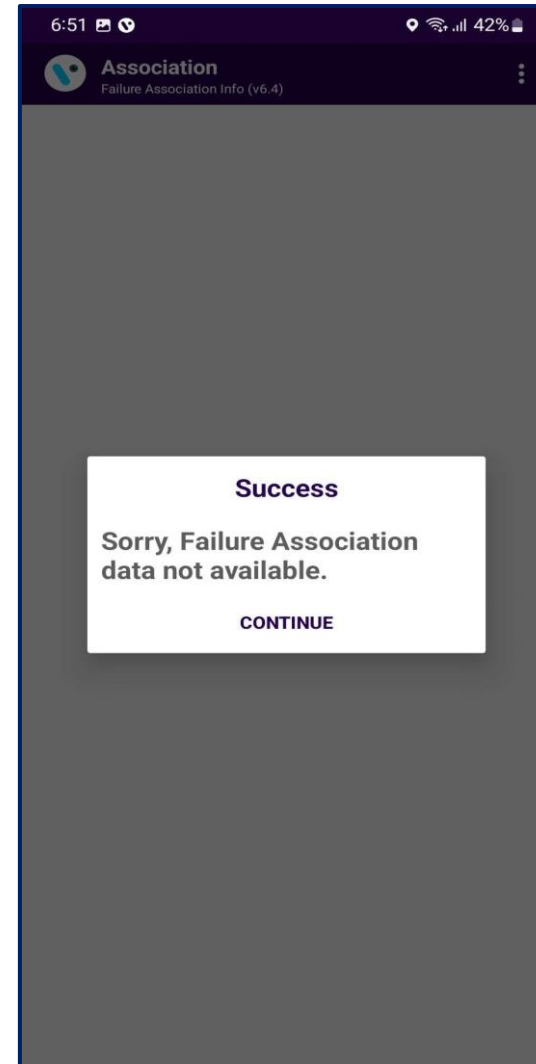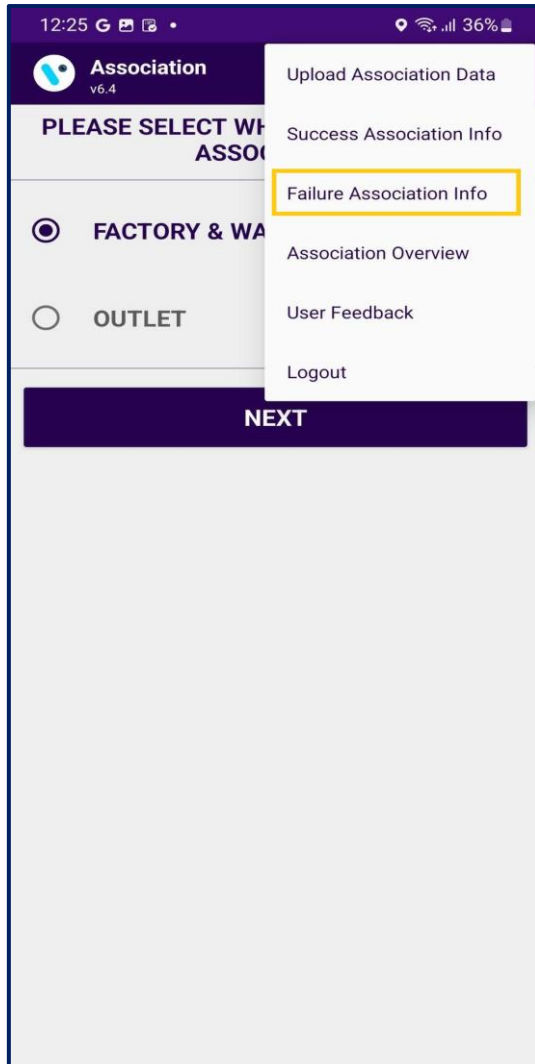
LOGS – Association Overview

To check the Associations Overview, tap on the hamburger menu in the upper right corner and then tap on **Association Overview**.

MESSAGES – OK/Success Messages

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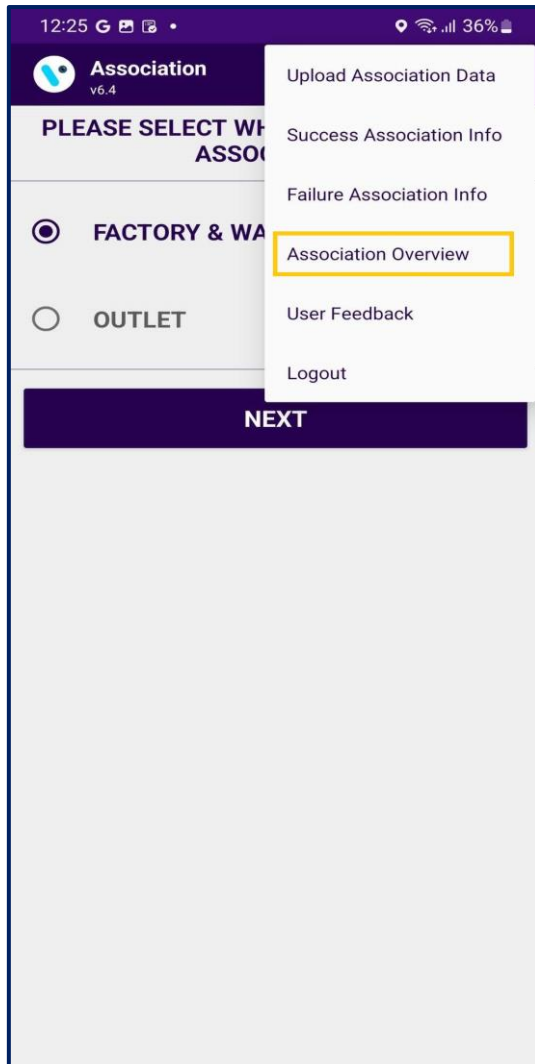
DETAILED MESSAGE	SHORT MESSAGE	USER STORY
No Association Data Is Available For Upload	**OK**	Shown when there is no data for upload.
All Association Data Was Uploaded Successfully	**OK**	Shown when all association data is uploaded.
There Are No Failed Associations	**OK**	Shown on the failure association info screen when there are no associations that have failed.
Smart Device <SD SN> Is Associated Successfully To Cooler <Cooler SN>	**OK**	Shown after successful association.

MESSAGES – ALERTS Messages

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DETAILED MESSAGE	SHORT MESSAGE	USER STORY
You Must Upload Association Data In Order To Logout	**ALERT 50**	Shown when the user presses logout but offline associated data is available.
Do You Want To Upload Association Data To Avoid Missing Data?	**ALERT 51**	Shown on the device selection screen when offline associated data is available.
Please Select What Smart Device You Want To Associate	**ALERT 52**	Shown on the device selection screen when the user does not select any device option for the association.
No Associations Were Uploaded	**ALERT 53**	Shown on successful association info when no successful info is there.
Cooler Serial Number Is Not Scanned	**ALERT 54**	Shown on the cooler SN screen when the user canceled the barcode reading.
Smart Device Serial Number Is Not Scanned	**ALERT 55**	Shown on the smart device SN screen when the user canceled the barcode reading.
You Must Upload Association Data	**ALERT 56**	Shown on the device selection screen when offline data is available.

MESSAGES – ERROR Messages

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DETAILED MESSAGE	SHORT MESSAGE	USER STORY
The Barcode Scanner Is Not Supported	ERROR 50	Shown on scan cooler SN and scan smart device SN screen if the cell phone does not support the barcode scanner.
Smart Device Is Not Available For Association	ERROR 51	Shown on scan smart device SN screen when smart device not found in unassigned list.
Smart Device Is Already Associated	ERROR 52	Shown on the scan smart device SN screen if the smart device is already associated.
Smart Device Serial Number Is Not Valid	ERROR 53	Shown on the scan smart device SN screen if the smart device SN is not valid.
Cooler Serial Number Was Not Scanned	ERROR 54	Shown on scan cooler SN when the user cancels the barcode scanning or any issue while barcode scanning arises.
Cooler Has Another Device Associated To It	ERROR 55	Shown on the scan cooler SN screen if the cooler has a smart device already associated with it.
Please Enter Cooler Serial Number	ERROR 56	Shown on the scan cooler SN screen when in manual mode for cooler SN and the user presses the save button without entering the cooler SN.
Please Enter Smart Device Serial Number	ERROR 57	Shown on the scan smart device SN screen when in manual mode for smart device SN and the user presses the save button without entering the smart device SN.
Smart Device Configuration Failed, Please Try Again	ERROR 58	Shown on the association screen when a command fails.
Smart Device Configuration File Missing	ERROR 59	Shown on the association screen when configuration JSON missing for the smart device.
Not All Association Data Was Uploaded Successfully	ERROR 60	Shown when some associations failed to be uploaded.

Smart Device Not Found, Please Try To Wake Up The Smart Device And Try Again	**ERROR 61**	Shown on the association screen when the application is not able to connect to the smart device.
Session Expired, Please Check Your Internet Connection And Login Again	**ERROR 62**	Shown when user session expired (token expired) on the server.
Please Check Your Internet Connection And Try Again	**ERROR 63**	Shown when wi-fi and mobile data are off, and the user calls the API.
Cannot Connect To The Smart Device, Please Change The Smart Device	**ERROR 64**	Shown on the association screen when the smart device connection is not working (when the device was found but did not connect to the phone after the 2nd retry).
Cannot Connect To The Server, Please Try Again	**ERROR 65**	Shown on login and upload association data screen when API calling in between timeout happen or any server connection error.
Cooler Serial Number Is Not Valid	**ERROR 66**	Shown on cooler SN screen when the cooler serial number is not valid.
Invalid Response From The Server	**ERROR 67**	Shown on the uploading association when the server gives the invalid response.
Device Is Not Connected, Please Connect Again	**ERROR 68**	Shown on the association screen when we are trying to execute the command and the device is not connected.
Device Configuration Not Available	**ERROR 69**	Shown when smart device type configuration is not found for the device.

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