



VISION GROUP

FACTORY ASSOCIATION

Application Guide
Jan 2025

APPLICATION FEATURES

- ✓ **Association** – To Associate the Smart Device with the Cooler in Factory.
- ✓ **Success Association Info** – To Show the Successful Association Logs by Date with a message.
- ✓ **Failure Association Info** – To Show the Failure Association Logs by Date with a message.
- ✓ **Association Overview** – To summaries the Total Number of associations done.



MINIMUM REQUIREMENTS FOR THE PHONES

COMPONENT	MINIMUM REQUIRED
OPERATING SYSTEM	Android 9.0
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 “**FACTORY ASSOCIATION**” APK received from an Android phone link.

URL: <https://apps.visioniot.net/downloads/Android/OEMFactory/>

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Factory

APPLICATION	APP VERISON	TYPE (PROD/TEST)	RELEASE DATE	RELEASE NOTES	MANUAL PDF	MANUAL DOCX/PPTX
Factory	10.1	Production	03/12/2025	Changelog v10.1	Version_10.1	-
Factory	10.0	Test	13/11/2025	Changelog v9.13	Version_9.3	-
Factory	9.13	Production	30/10/2025	Changelog v9.13	Version_9.3	-
Factory	9.12	Production	08/10/2025	Changelog v9.12	Version_9.3	-
Factory	9.10	Production	19/08/2025	Changelog v9.10	Version_9.3	-
Factory	9.8	Test	13/06/2025	Changelog v9.8	Version_9.3	-
Factory	9.7	Production	15/05/2025	Changelog v9.7	Version_9.3	-
Factory	9.5	Production	14/04/2025	Changelog v9.5	Version_9.3	-

Factory QC

APPLICATION	APP VERISON	TYPE (PROD/TEST)	RELEASE DATE	RELEASE NOTES	MANUAL PDF	MANUAL DOCX/PPTX
Factory QC	3.6	Production	03/12/2025	Changelog v3.6	Version_3.6	-
Factory QC	3.5	Production	18/09/2025	Changelog v3.5	Version_3.1	-
Factory QC	3.4	Production	19/06/2025	Changelog v3.4	Version_3.1	-
Factory QC	3.3	Production	14/04/2025	Changelog v3.1	Version_3.1	-
Factory QC	3.2	Test	24/03/2025	Changelog v3.1	Version_3.1	-
Factory QC	3.1	Production	12/02/2025	Changelog v3.1	Version_3.1	-

Main

The Factory Association OEM application is compatible only with Smartphones having Android V9.0 and above.

1. Open VISION IOT's Factory Association Application.
2. Log in to the application using the credentials provided by your administrator.

Suggested Note: Before installing every new version, Logout and delete the previous version.

Note: Please ensure Bluetooth, mobile Wi-Fi, or Mobile Data are ON in the device.



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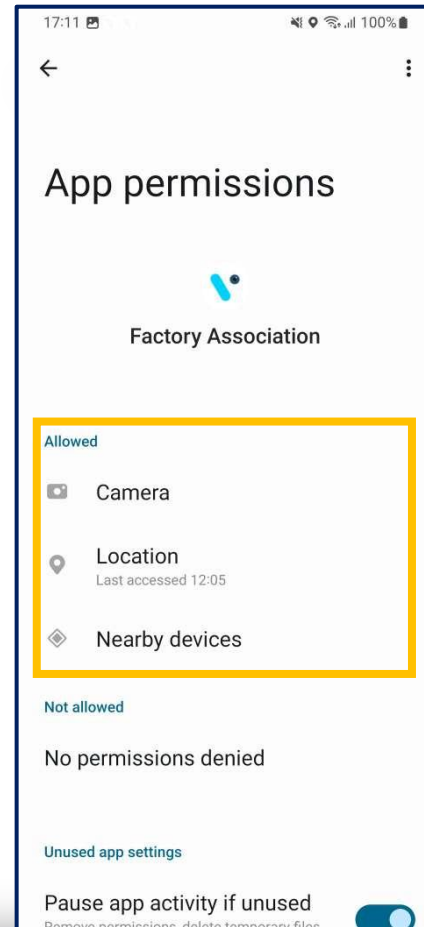
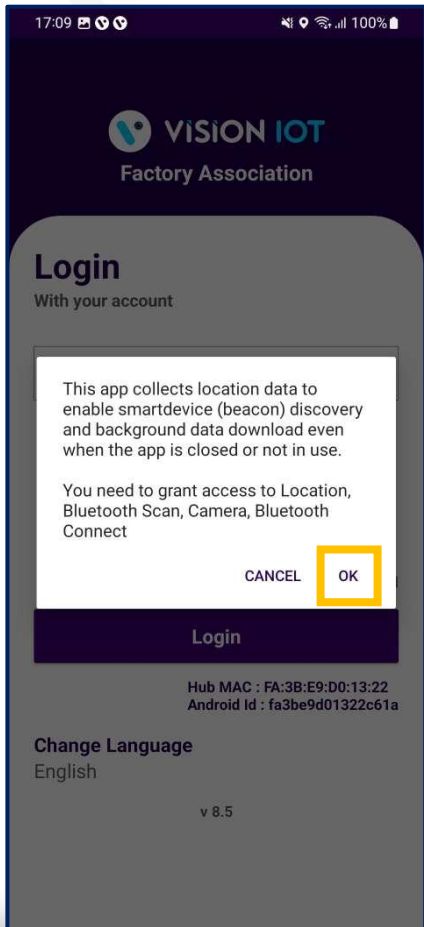
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APPLICATION PERMISSION

After initial installation and launch, the Application will ask for permission to access.

Choose Server: For CCH and CCEP, the user can use the OEM Factory server.



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.



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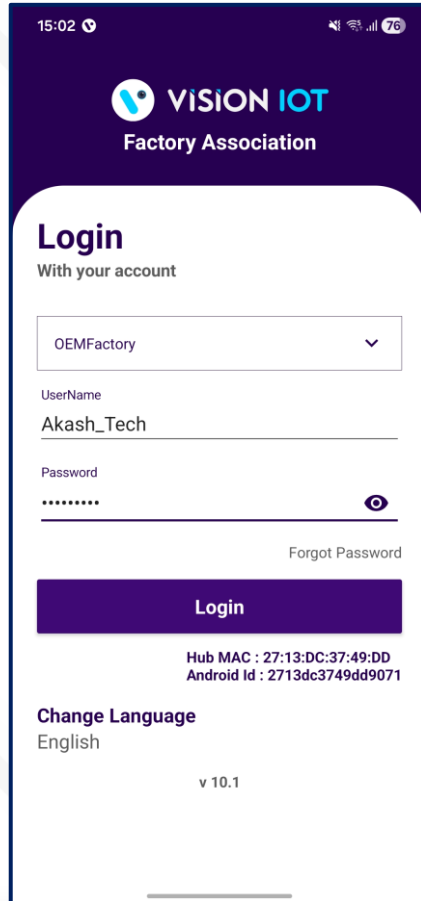
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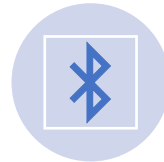
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LOGIN

After installing the Factory Association OEM Application, open it and user will be redirected to the Login Page. Choose a server from the list and log in with valid credentials.



The screenshot shows the login interface of the Vision IOT Factory Association application. At the top, the status bar displays the time 15:02 and battery level 76%. The app header features the Vision IOT logo and the text 'Factory Association'. The main section is titled 'Login' with the subtitle 'With your account'. It includes a dropdown menu for 'OEMFactory', input fields for 'UserName' (Akash_Tech) and 'Password' (masked with dots), and a 'Forgot Password' link. A purple 'Login' button is positioned below the password field. At the bottom, it displays device information: 'Hub MAC : 27:13:DC:37:49:DD' and 'Android Id : 2713dc3749dd9071', along with a 'Change Language' option set to 'English' and the version 'v 10.1'.



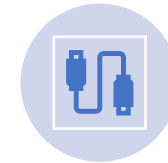
Please ensure that Bluetooth is turned on and that location services are enabled.



To log in, the application needs an active internet connection.



After logging in initially, the application can be used in offline mode as long as the same username and password used for the online login are used.



Devices must have at least 4GB of RAM and Bluetooth version 4.2 or higher.



The minimum required operating system version is 9.0 or above.



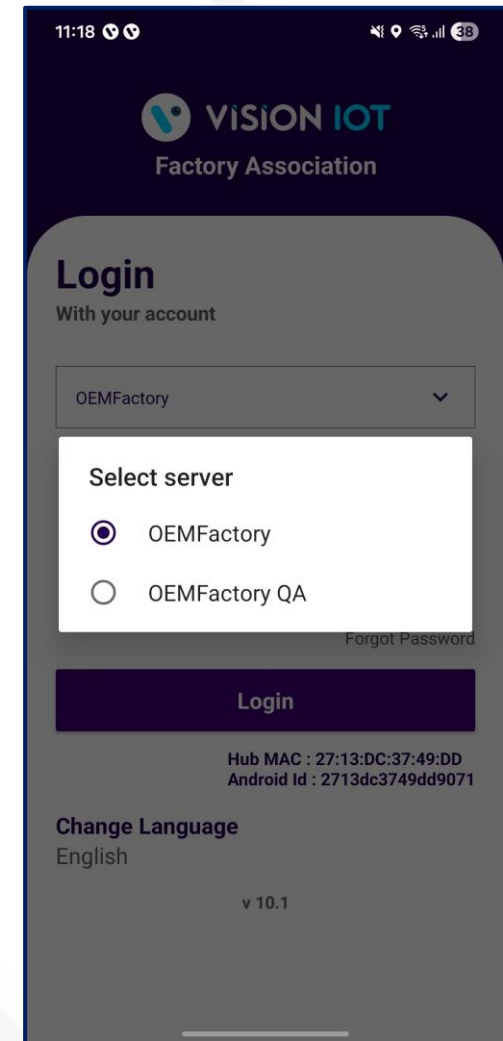
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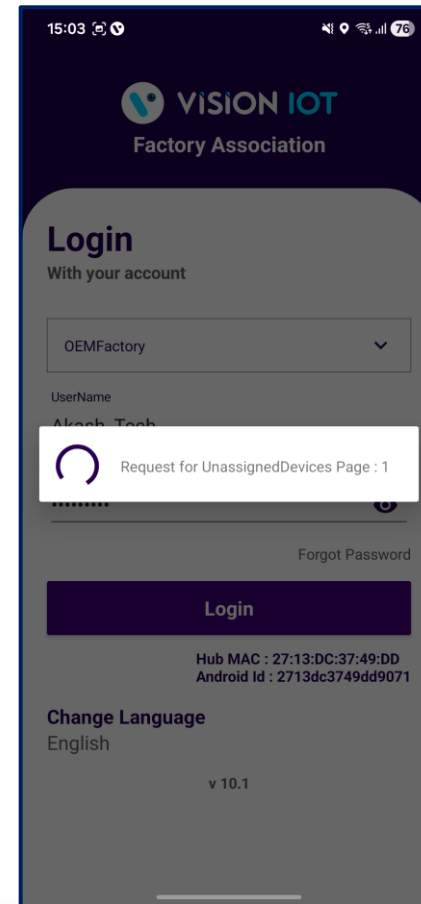
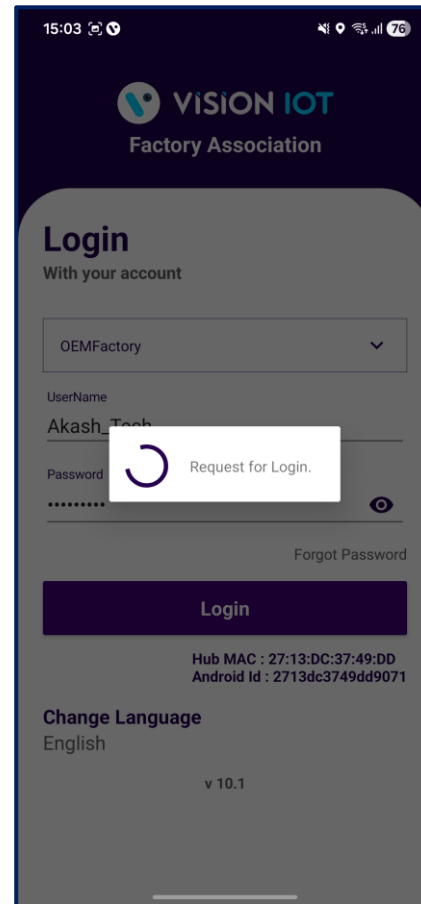
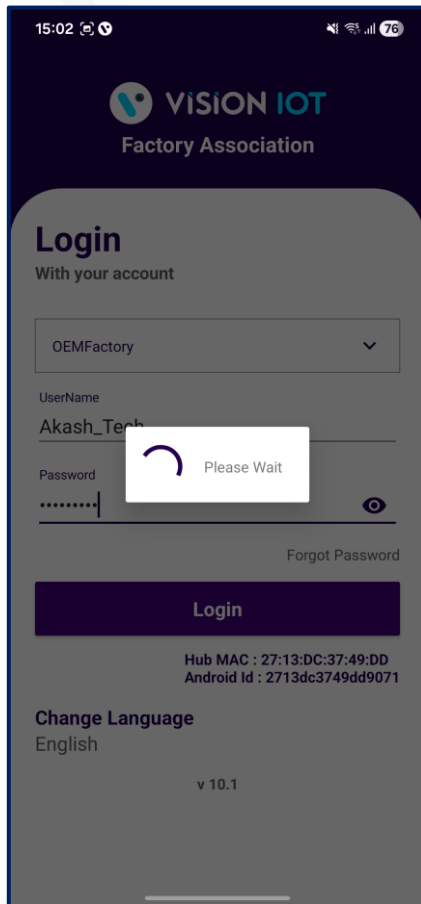
- ✓ Default OEM Factory Server shows, depending on the Client and Factory user, should choose a different option,
 - For CCH and CCEP the user can use the OEM Factory server.
- ✓ To change the language, tap on **Change Language** and use can choose the language. Currently, there is English language support available.
- ✓ Depending on the Android Version user may get several different prompts to confirm access to the camera, Bluetooth (location services), Storage, etc.



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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.



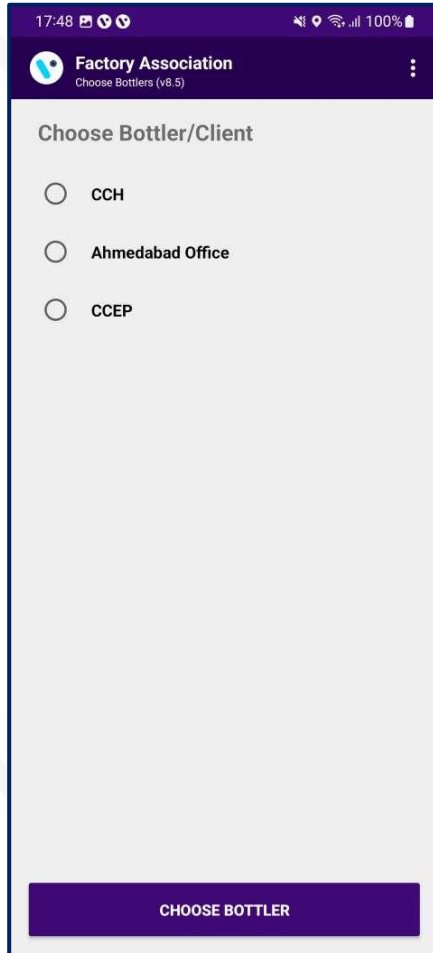
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ASSOCIATION – SELECT BOTTLER/CLIENT



The screenshot shows a mobile application interface for 'Factory Association' (version 8.5). The status bar at the top indicates the time is 17:48 and the battery is at 100%. The app's header is purple with a white icon and the text 'Factory Association Choose Bottlers (v8.5)'. The main content area is light gray and titled 'Choose Bottler/Client'. It contains three radio button options: 'CCH', 'Ahmedabad Office', and 'CCEP'. At the bottom, there is a purple button labeled 'CHOOSE BOTTLER'.

- Users must choose the bottler/client whom they are doing the smart device association for.



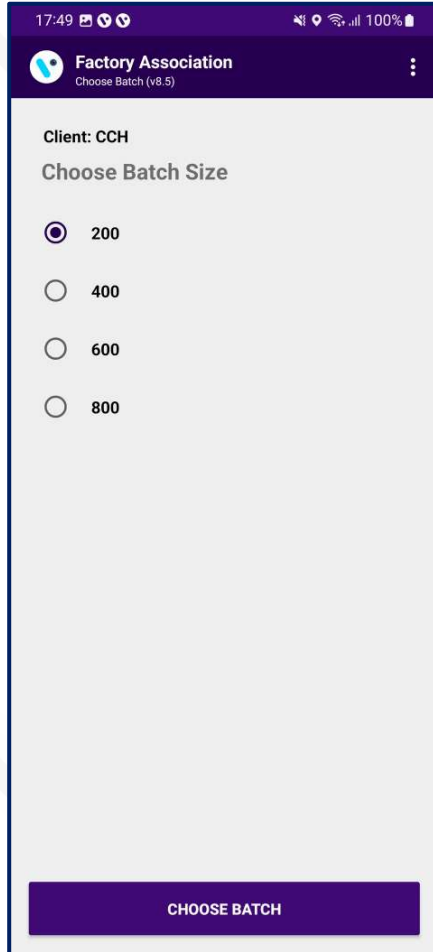
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ASSOCIATION – CHOOSE BATCH SIZE



The screenshot shows a mobile application interface for 'Factory Association'. At the top, the status bar displays the time 17:49 and battery level 100%. The app header is purple with a logo and the text 'Factory Association' and 'Choose Batch (v8.5)'. Below the header, the text 'Client: CCH' is displayed. The main section is titled 'Choose Batch Size' and contains four radio button options: 200, 400, 600, and 800. The '200' option is selected. At the bottom, there is a purple button labeled 'CHOOSE BATCH'.

- Once the client selection is done, the user must choose the pool batch size to initiate device association for that client.



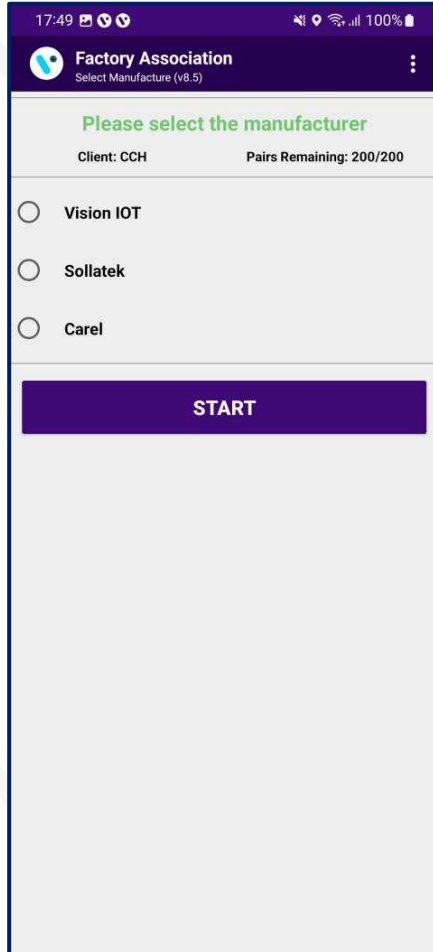
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ASSOCIATION – SELECT THE MANUFACTURE



The screenshot shows a mobile app interface for 'Factory Association' (version 8.5). The status bar at the top shows the time as 17:49 and 100% battery. The app header is purple with a white icon and the text 'Factory Association Select Manufacture (v8.5)'. Below the header, a green message says 'Please select the manufacturer'. Underneath, it displays 'Client: CCH' and 'Pairs Remaining: 200/200'. There are three radio button options: 'Vision IOT', 'Sollatek', and 'Carel'. At the bottom of the selection area is a purple button labeled 'START'.

- Users must choose the cooler manufacturer as per the smart device type.
 - ✓ For VISION IOT Devices Select Vision IOT.
 - ✓ For Sollatek Devices Select Sollatek.
 - ✓ For Carel Devices Select Carel.



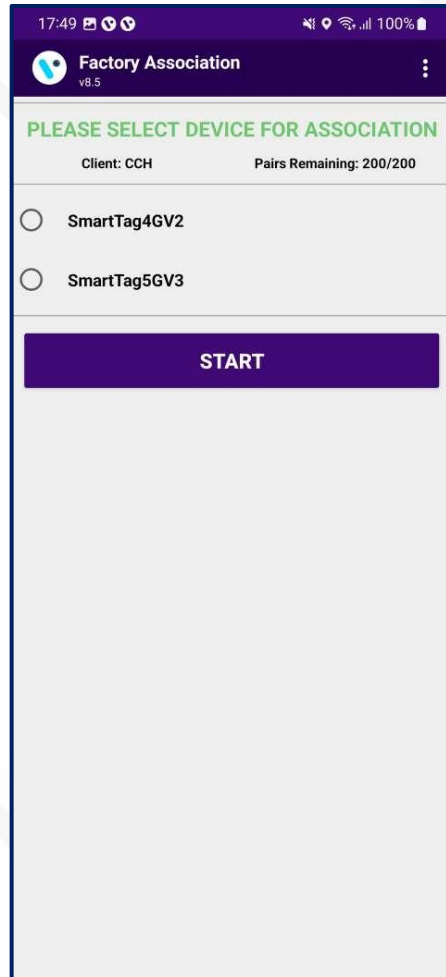
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ASSOCIATION – SELECT SMART DEVICE TYPE



- 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 SmartTag5GV3 will be associated, please choose SMART TAG5GV3 and click on the START button.



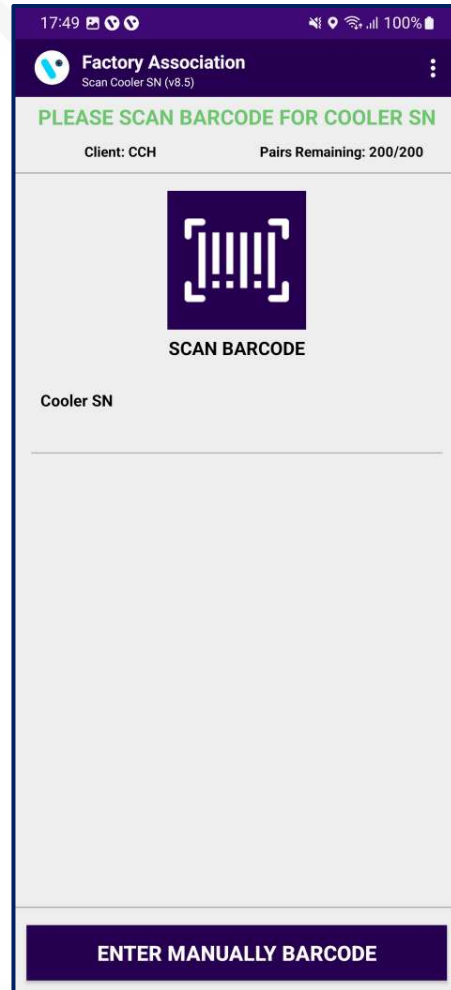
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ASSOCIATION – SCAN COOLER SN



Tap on SCAN BARCODE and scan the barcode of the cooler. Cooler Serial Numbers could also be entered manually by tapping on “ENTER MANUALLY BARCODE”.



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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 tapping on “ENTER MANUALLY BARCODE”.



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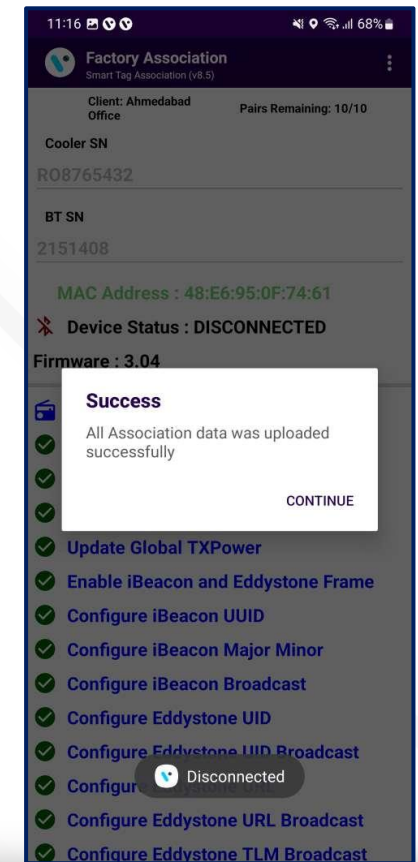
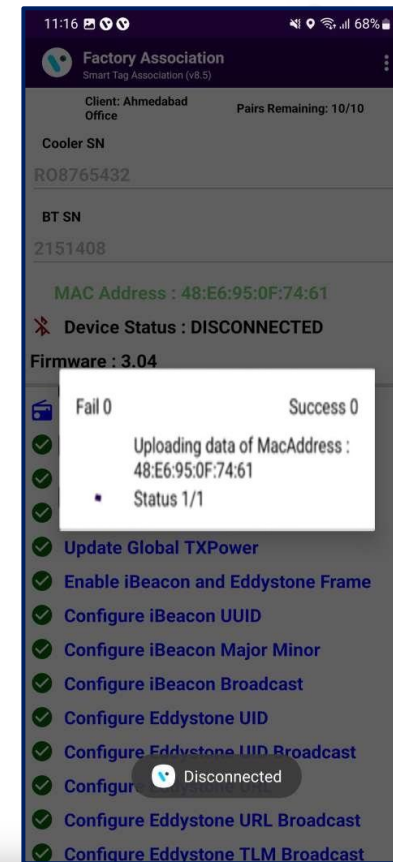
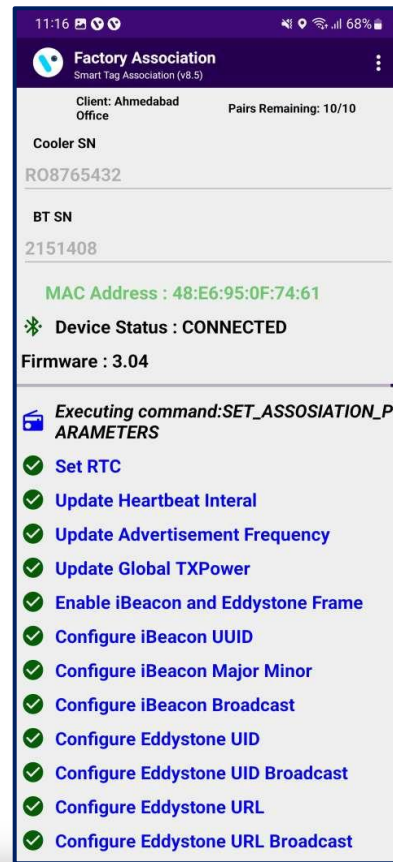
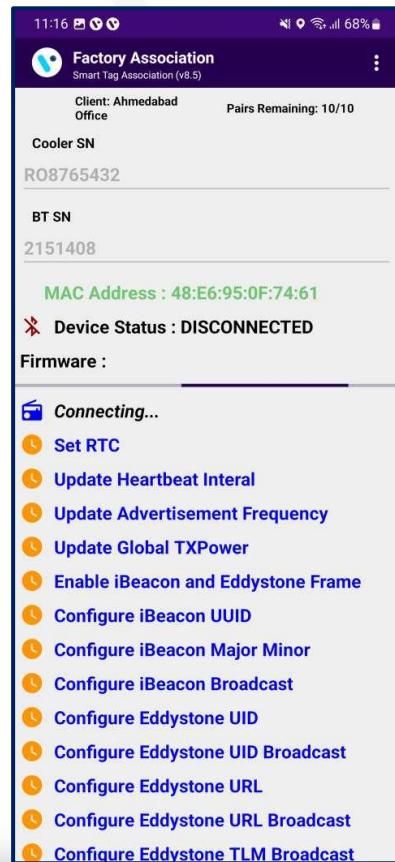
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ASSOCIATION – SMART DEVICE CONFIGURATION SETTING UP

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 the Scanning Timer reaches 30 seconds open and close the door again, if this doesn't help check if the SmartTag and the Magnet are installed correctly. The Cooler Serial Number and Smart Device Serial Number can be seen on the screen.



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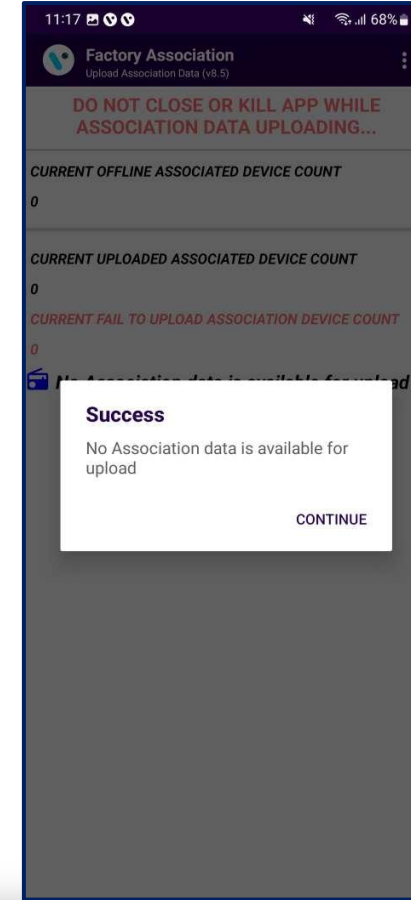
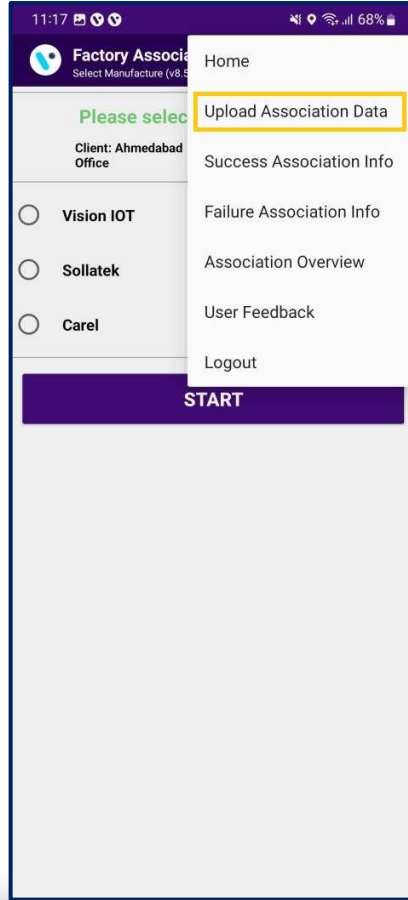
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LOGS – UPLOAD ASSOCIATION DATA

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.



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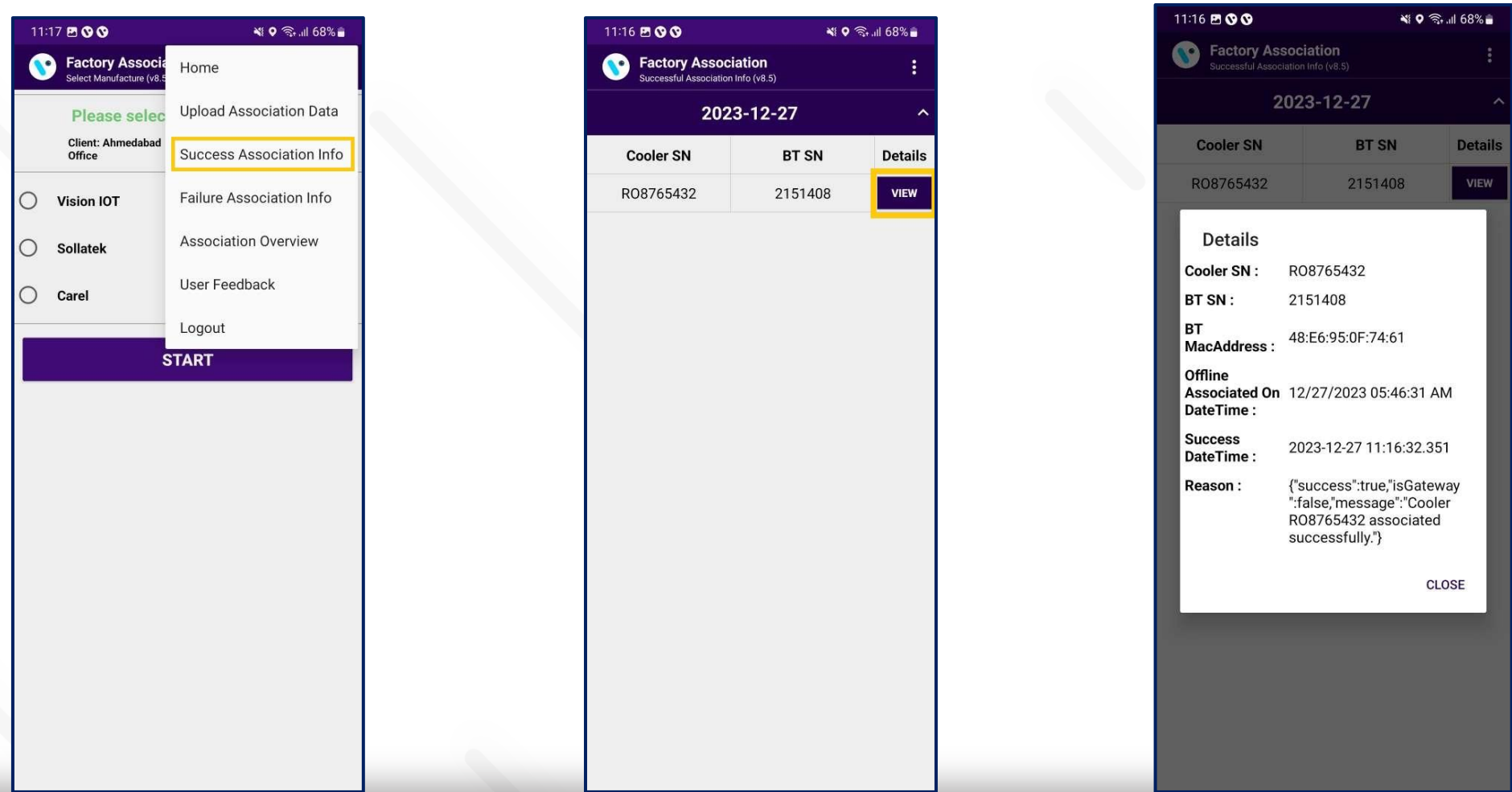
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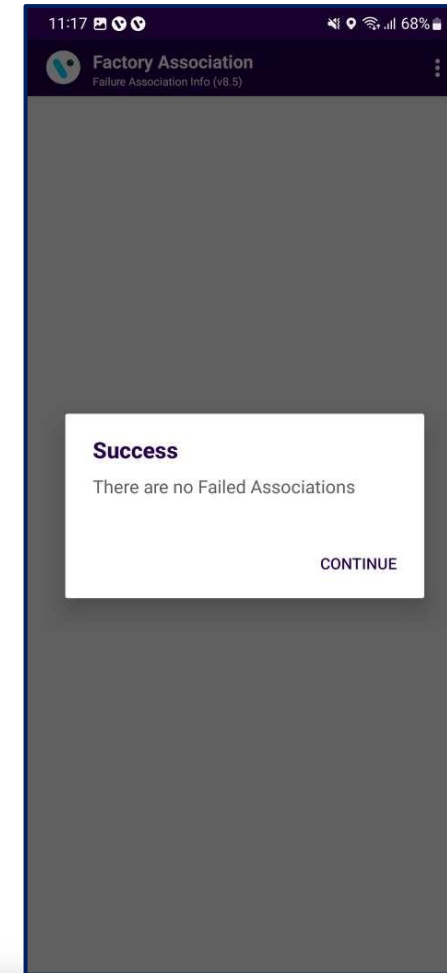
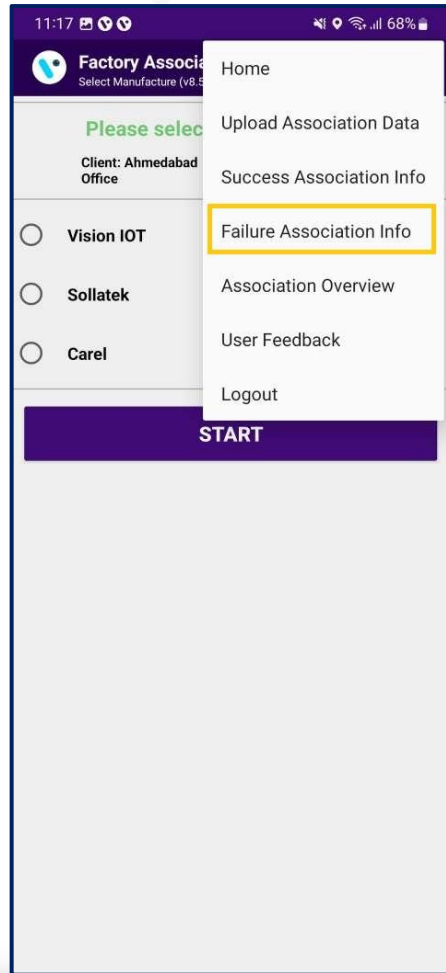
LOGS – SUCCESS ASSOCIATION INFO

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**.



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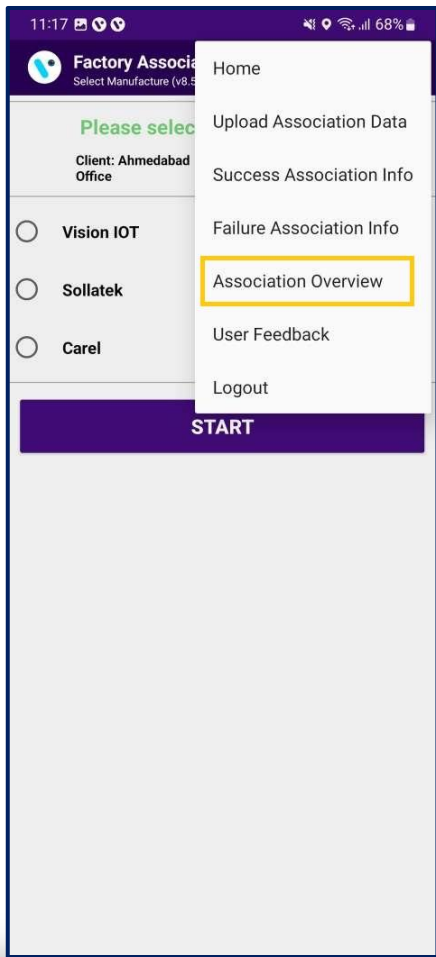
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LOGS – ASSOCIATION OVERVIEW

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



MESSAGES – SUCCESS Messages

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

MESSAGES – ALERTS Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
You Must Upload Association Data In Order To Logout	ALERT 50	Shown when the user presses logout but offline associated data is available.	Turn on the Internet/Wi-Fi and tap to continue for pending data uploading.
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.	Turn on the Internet/Wi-Fi and tap to continue for pending data uploading.
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.	Choose the type of smart device that the user wants to associate with.
No Associations Were Uploaded	ALERT 53	Shown on successful association info when no successful info is there.	No Action Needed.

MESSAGES – ALERTS Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Cooler Serial Number Is Not Scanned	ALERT 54	Shown on the cooler SN screen when the user canceled the barcode reading.	Need to Scan Again Cooler SN to Scan it, If the Barcode is not Scannable then contact support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device Serial Number Is Not Scanned	ALERT 55	Shown on the smart device SN screen when the user canceled the barcode reading.	Need to Scan Again Cooler SN to Scan it, If the Barcode is not Scannable then contact support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
You Must Upload Association Data	ALERT 56	Shown on the device selection screen when offline data is available.	Turn on the Internet/Wi-Fi and tap to continue for pending data uploading.

MESSAGES – ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
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.	Need to Scan Barcode Again, If the Barcode is not Scannable/Supported then contact support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device Is Not Available For Association	ERROR 51	Shown on scan smart device SN screen when smart device not found in unassigned list.	Contact the Vision Support Team at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device Is Already Associated	ERROR 52	Shown on the scan smart device SN screen if the smart device is already associated.	The scanned device is already associated with another Cooler and cannot be linked again. Please Try with Another Smart Device.
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.	Please scan the smart device's serial number again or enter it manually using the "Enter Manual" option.

MESSAGES – ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
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.	Scan the Cooler SN Barcode Again. Or check with Restart the Application. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
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.	The scanned Cooler SN is already associated with another Smart Device and cannot be linked again. Please Try with Another Cooler.
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 Cooler SN First and then Press the Continue Button.
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.	Please Enter Smart Device SN First and then Press the Continue Button.



MESSAGES – ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device Configuration Failed, Please Try Again	ERROR 58	Shown on the association screen when a command fails.	Try the Association Process Again, Still the same things, The device may have some issues; set it aside and proceed with a new smart device. In the last Contact the Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device Configuration File Missing	ERROR 59	Shown on the association screen when configuration JSON missing for the smart device.	Contact to Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Not All Association Data Was Uploaded Successfully	ERROR 60	Shown when some associations failed to be uploaded.	Move to Menu > Upload Association Data, and Upload data, If still Issue occurs move to the Failure Association Info tab tap the On View button and share a screenshot to Contact to Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.



MESSAGES – ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
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.	The Smart Device does not Wake up Properly. Check the Magnet installation at the Cooler, make it Correct, and try the Association Process again. If the issue persists, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Session expired, please check your internet connection and login again	ERROR 62	Shown when User Session expired (Token expired) on the server.	Session Expired for Login, Check Internet/Wi-Fi Again and Login Again.
Please check your internet connection and try again	ERROR 63	Shown when Wi-Fi and mobile data off and the user calls the API.	Check Internet/Wi-Fi Again.
Cannot connect to the Smart Device, please change the Smart Device	ERROR 64	Shown on the Association screen when smart device connection is not working (when the device was found but did not connect to the phone after the 2nd retry).	The device may have some issues; set it aside and proceed with a new smart device. In last Contact to Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.



MESSAGES – ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
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.	The server is Down, Check after some time, Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Cooler Serial Number is not valid	ERROR 66	Shown on Cooler SN Screen when the cooler serial number is not valid.	The scanned Serial Number is Invalid, Scan Barcode Again, Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Invalid response from the server	ERROR 67	Shown on Uploading association when the server gives the invalid response.	The server is down or Please check your internet connection. If the issue persists, contact support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Device is not connected, please connect again	ERROR 68	Shown on the association screen when we are trying to execute the command, device is not connected.	The device may have some issues; set it aside and proceed with a new smart device. In last Contact to Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Device Configuration not available	ERROR 69	Shown when Smart Device Type Configuration is not found for the device.	Contact the Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.





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Thank You!