



VISION GROUP

FACTORY ASSOCIATION

Application Guide

Dec 2023

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

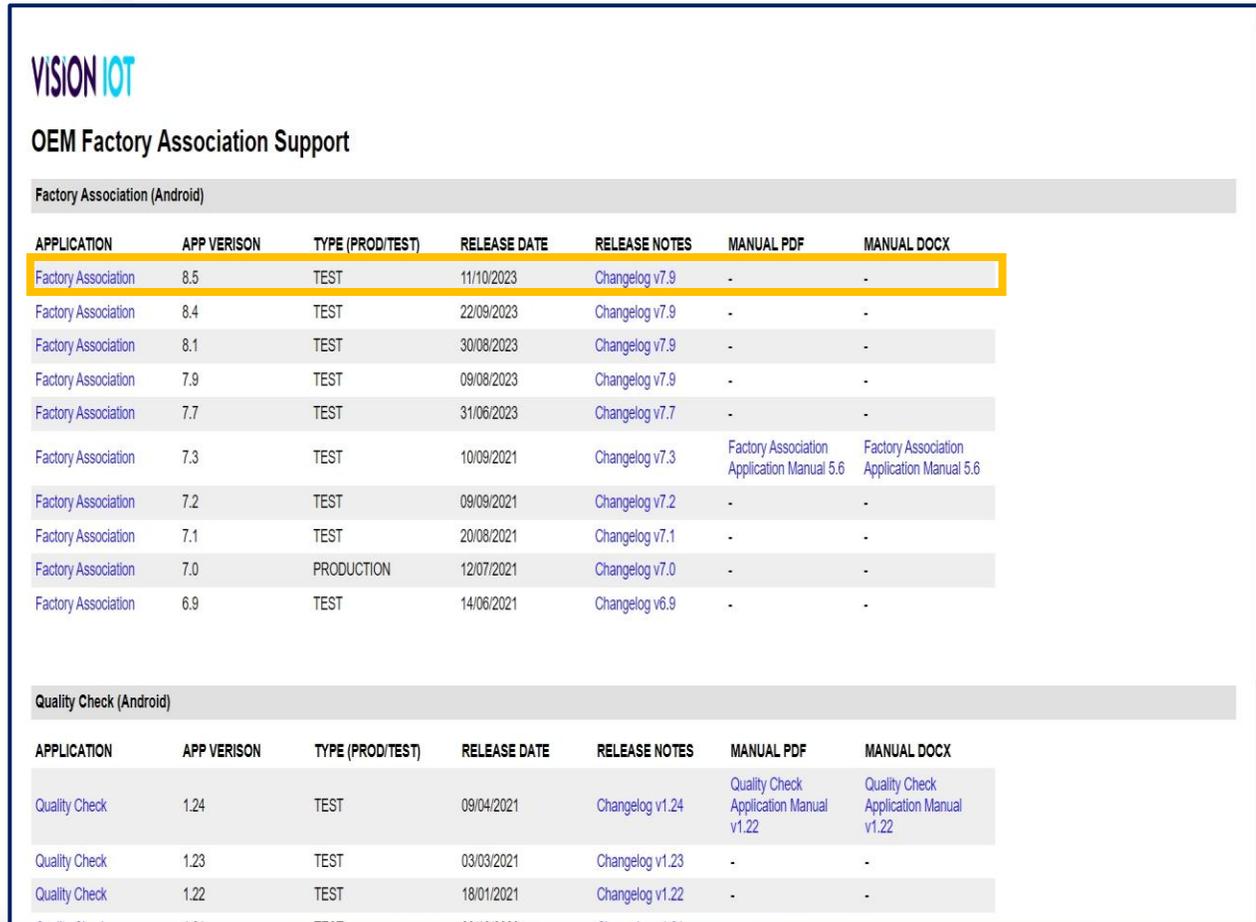
COMPONENT	MINIMUM REQUIRED
OPERATING SYSTEM	Android 9.0
OPERATING MEMORY (RAM)	4 GB and more
FREE STORAGE	4 GB
CAMERA	At least 5.0 MP with Autofocus
PROCESSOR (CPU)	A quad-core processor or faster
BLUETOOTH	BLE 4.2 and above



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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OEM Factory Association Support

Factory Association (Android)

APPLICATION	APP VERISON	TYPE (PROD/TEST)	RELEASE DATE	RELEASE NOTES	MANUAL PDF	MANUAL DOCX
Factory Association	8.5	TEST	11/10/2023	Changelog v7.9	-	-
Factory Association	8.4	TEST	22/09/2023	Changelog v7.9	-	-
Factory Association	8.1	TEST	30/08/2023	Changelog v7.9	-	-
Factory Association	7.9	TEST	09/08/2023	Changelog v7.9	-	-
Factory Association	7.7	TEST	31/06/2023	Changelog v7.7	-	-
Factory Association	7.3	TEST	10/09/2021	Changelog v7.3	Factory Association Application Manual 5.6	Factory Association Application Manual 5.6
Factory Association	7.2	TEST	09/09/2021	Changelog v7.2	-	-
Factory Association	7.1	TEST	20/08/2021	Changelog v7.1	-	-
Factory Association	7.0	PRODUCTION	12/07/2021	Changelog v7.0	-	-
Factory Association	6.9	TEST	14/06/2021	Changelog v6.9	-	-

Quality Check (Android)

APPLICATION	APP VERISON	TYPE (PROD/TEST)	RELEASE DATE	RELEASE NOTES	MANUAL PDF	MANUAL DOCX
Quality Check	1.24	TEST	09/04/2021	Changelog v1.24	Quality Check Application Manual v1.22	Quality Check Application Manual v1.22
Quality Check	1.23	TEST	03/03/2021	Changelog v1.23	-	-
Quality Check	1.22	TEST	18/01/2021	Changelog v1.22	-	-

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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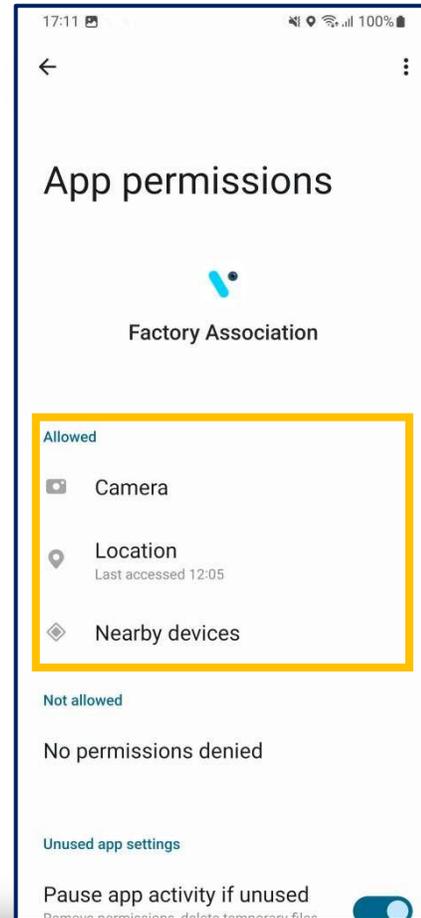
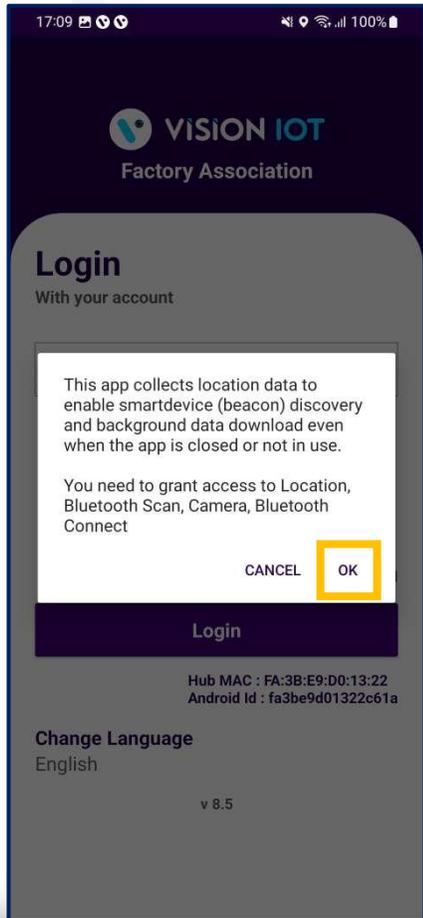
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APPLICATION PERMISSION

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 Europe 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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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.

17:13 100%

VISION IOT
Factory Association

Login

With your account

OEMFactory Europe

Username
Akash_Tech

Password
.....

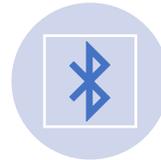
Forgot Password

Login

Hub MAC : FA:3B:E9:D0:13:22
Android Id : fa3be9d01322c61a

Change Language
English

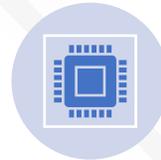
v 8.5



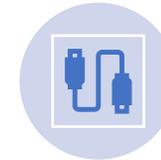
Please ensure that Bluetooth is turned on and that location services are enabled.



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.



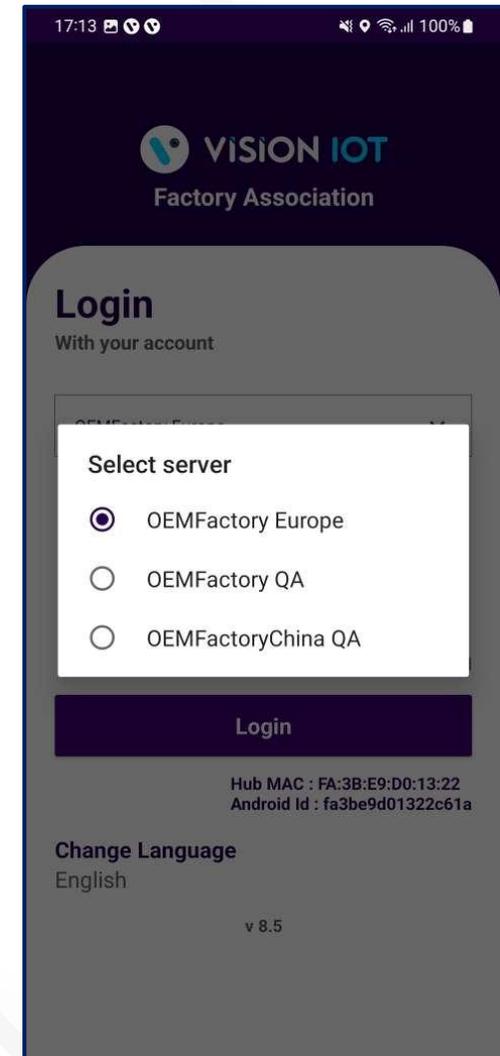
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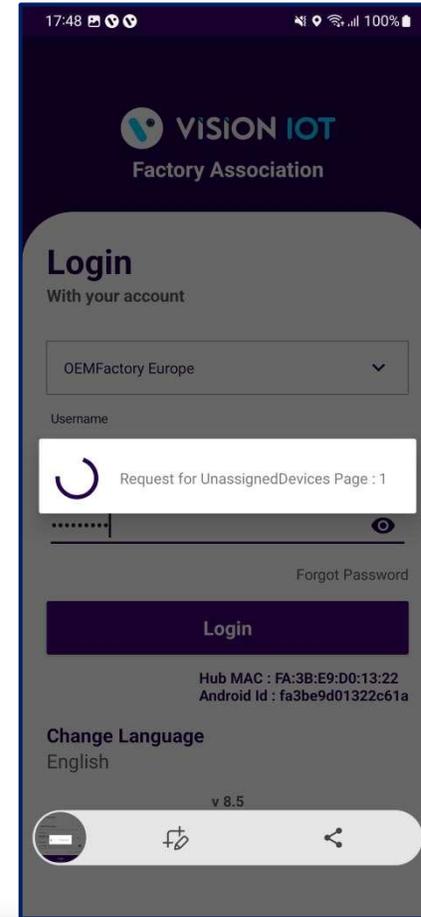
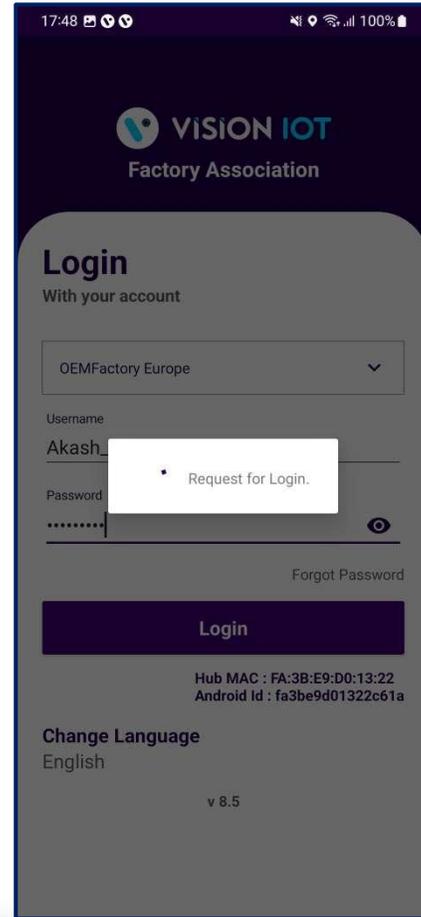
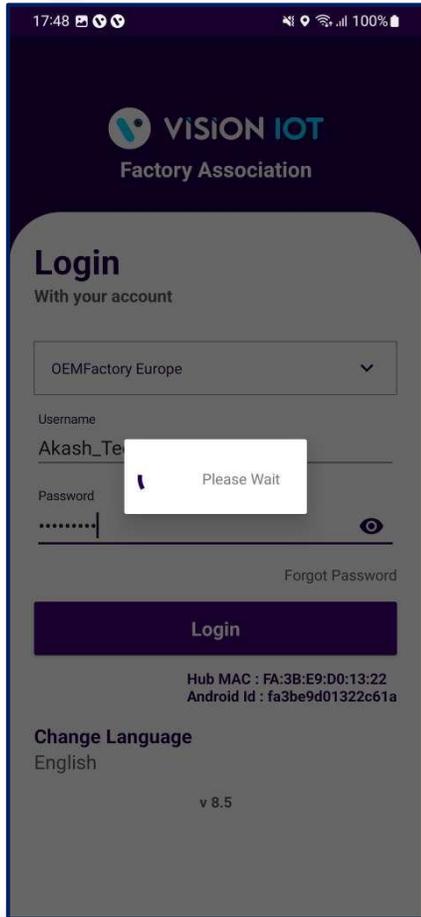
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- ✓ Default OEM Factory Europe Server shows, depending on the Client and Factory user should choose a different option,
 - For CCH and CCEP the user can use the OEM Factory Europe server.
- ✓ To change the language, tap on **Change Language** and use 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.



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.



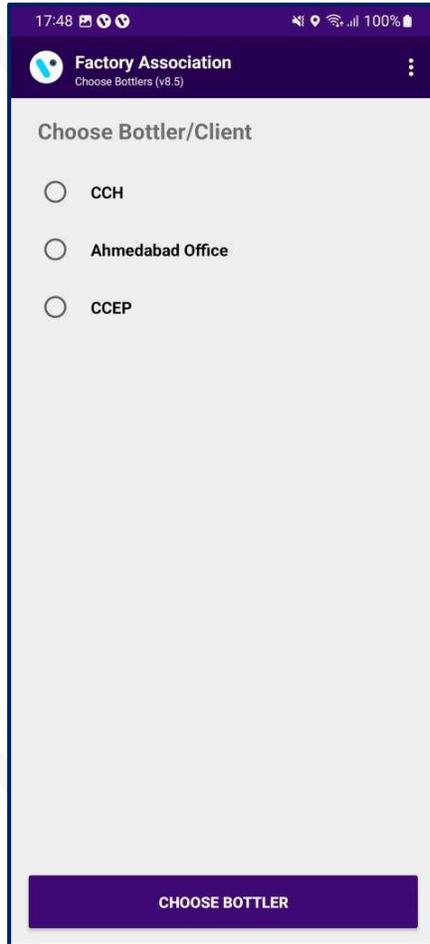
Note: Internet connectivity is required during login otherwise login will fail, and the application will not work.



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ASSOCIATION – SELECT BOTTLER/CLIENT



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



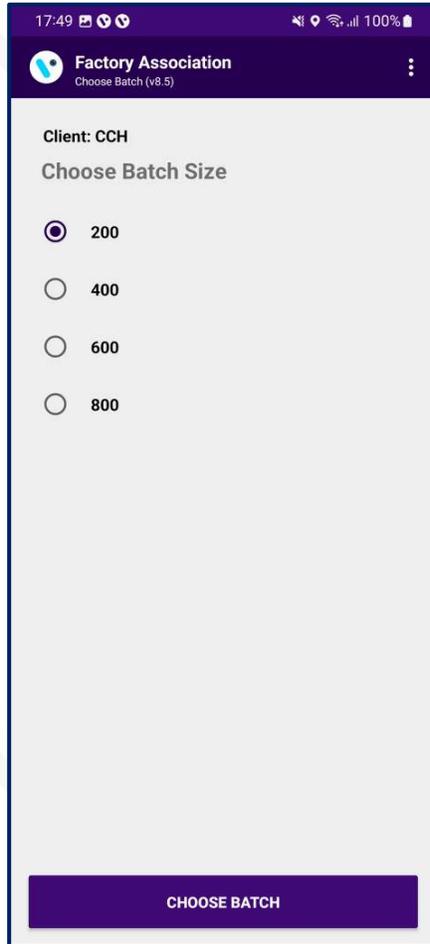
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ASSOCIATION – CHOOSE BATCH SIZE



- 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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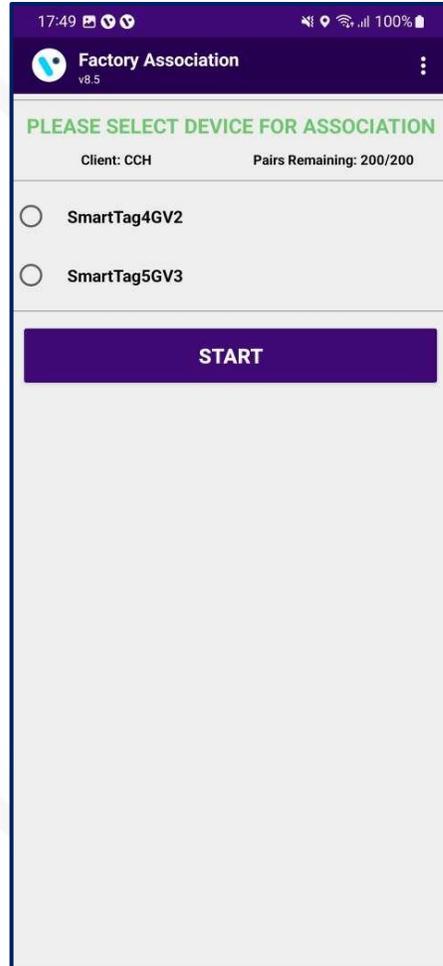
ASSOCIATION – SELECT THE MANUFACTURE

17:49 100%
Factory Association
Select Manufacture (v8.5)
Please select the manufacturer
Client: CCH Pairs Remaining: 200/200
 Vision IOT
 Sollatek
 Carel
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.



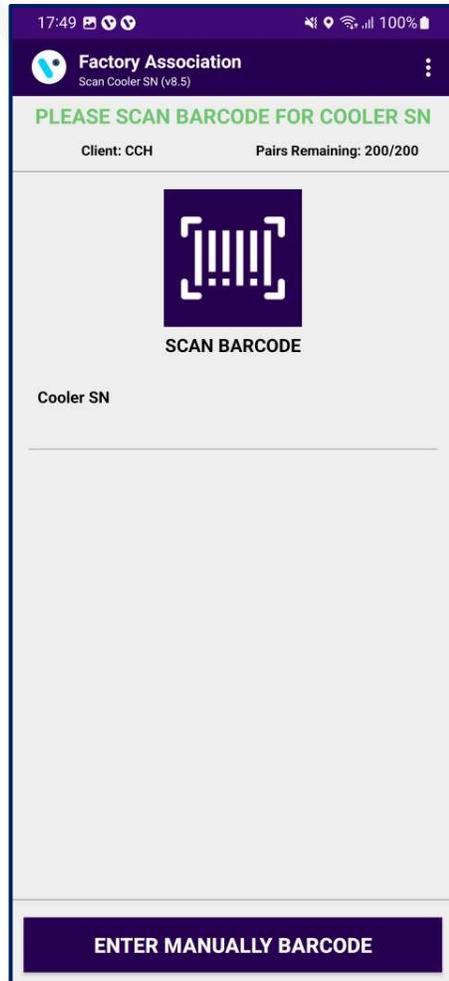
ASSOCIATION – SELECT SMART DEVICE TYPE



- 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.



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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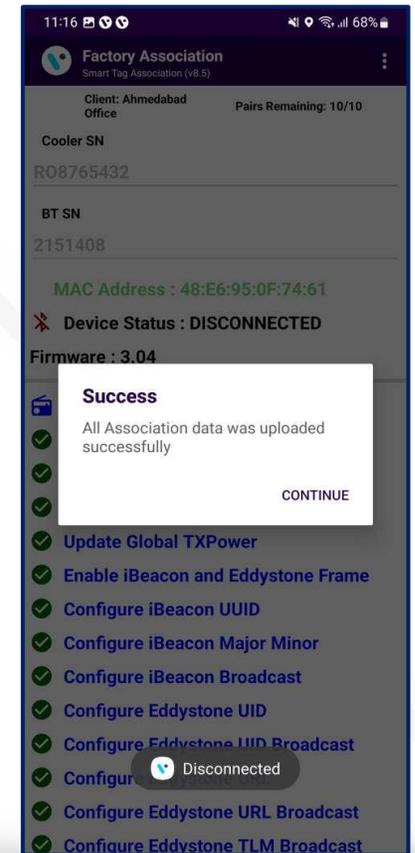
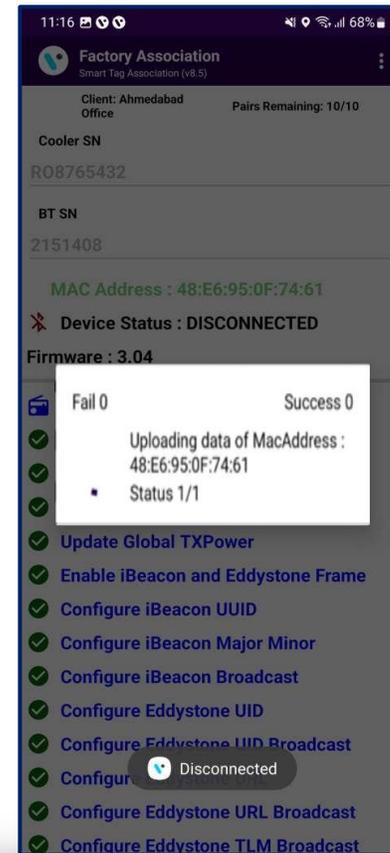
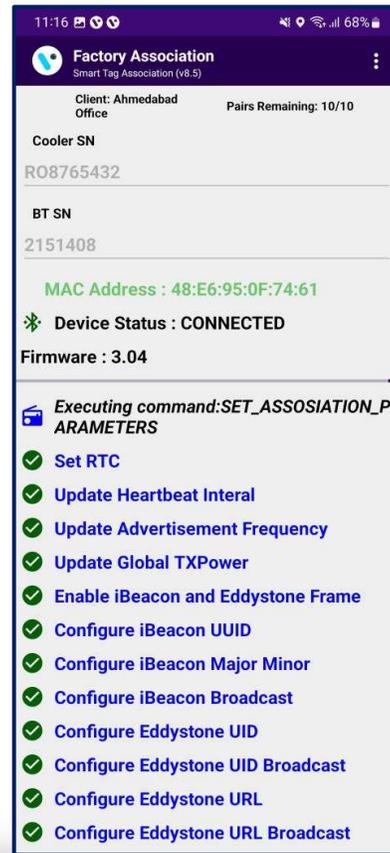
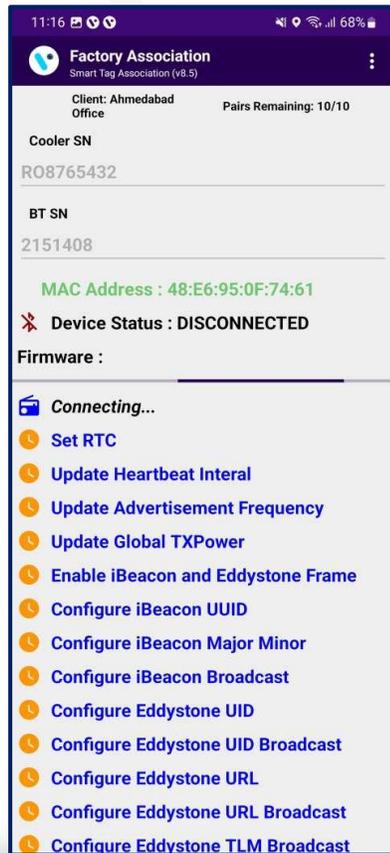
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ASSOCIATION – SMART DEVICE CONFIGURATION SETTING UP

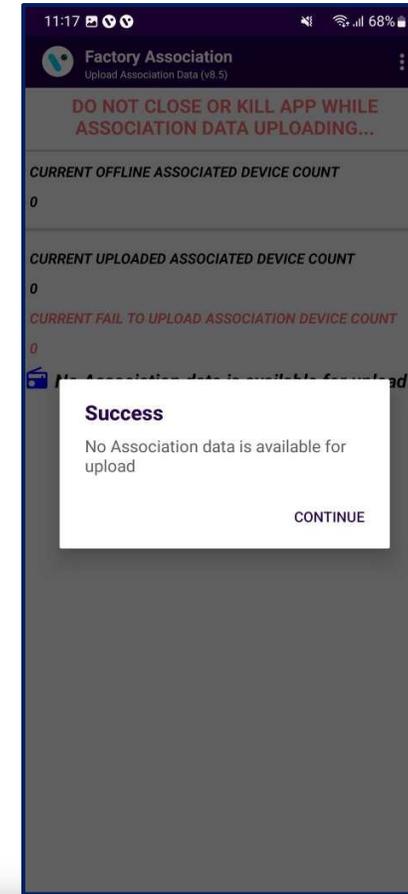
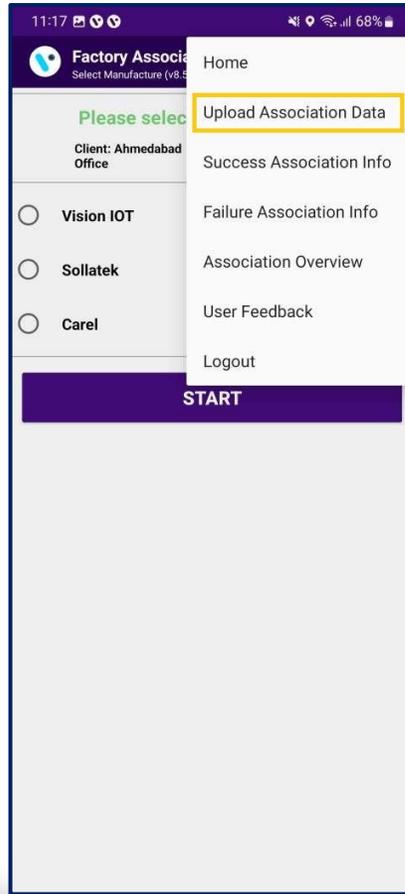
After the SmartTag Serial Number is successfully scanned the following screen will be shown. It will initialize the association process and respectively show the SUCCESS message.

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.



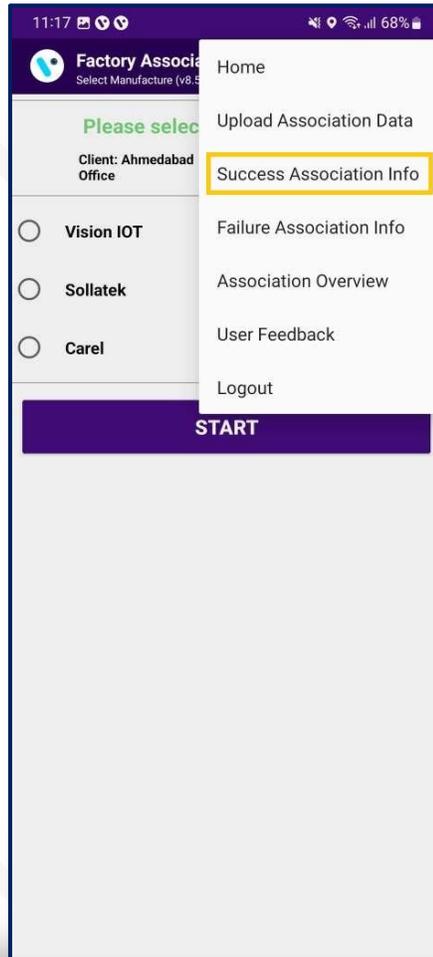
LOGS – UPLOAD ASSOCIATION DATA

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.



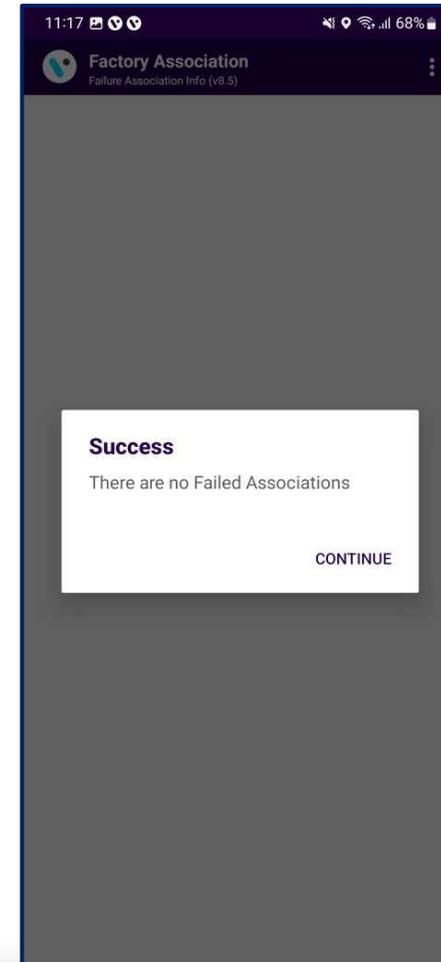
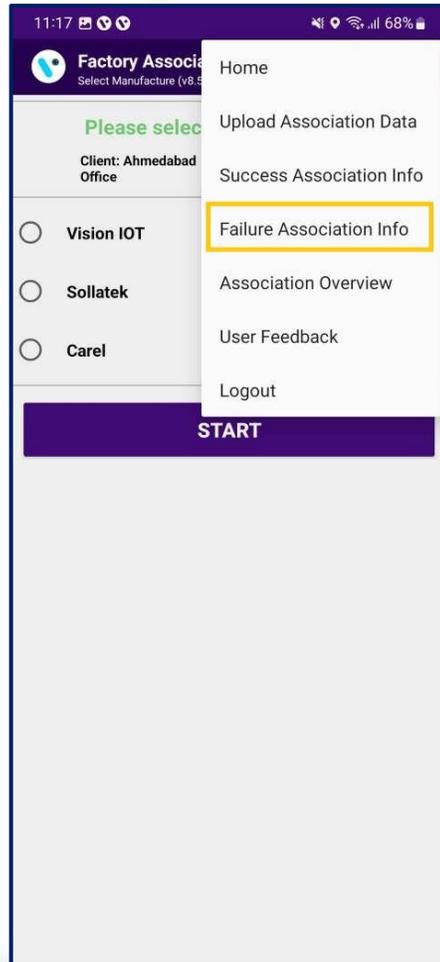
LOGS – SUCCESS ASSOCIATION INFO

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.



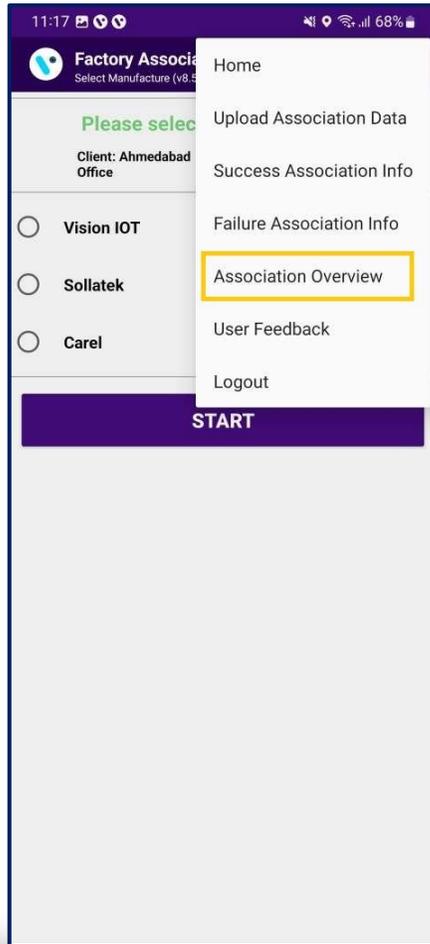
LOGS – FAILURE ASSOCIATION INFO

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**.



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MESSAGES – OK/Success Messages

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

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

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.



DETAILED MESSAGE	SHORT MESSAGE	USER STORY
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 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 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 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 particular device.





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Thank You!