VISION GROUP

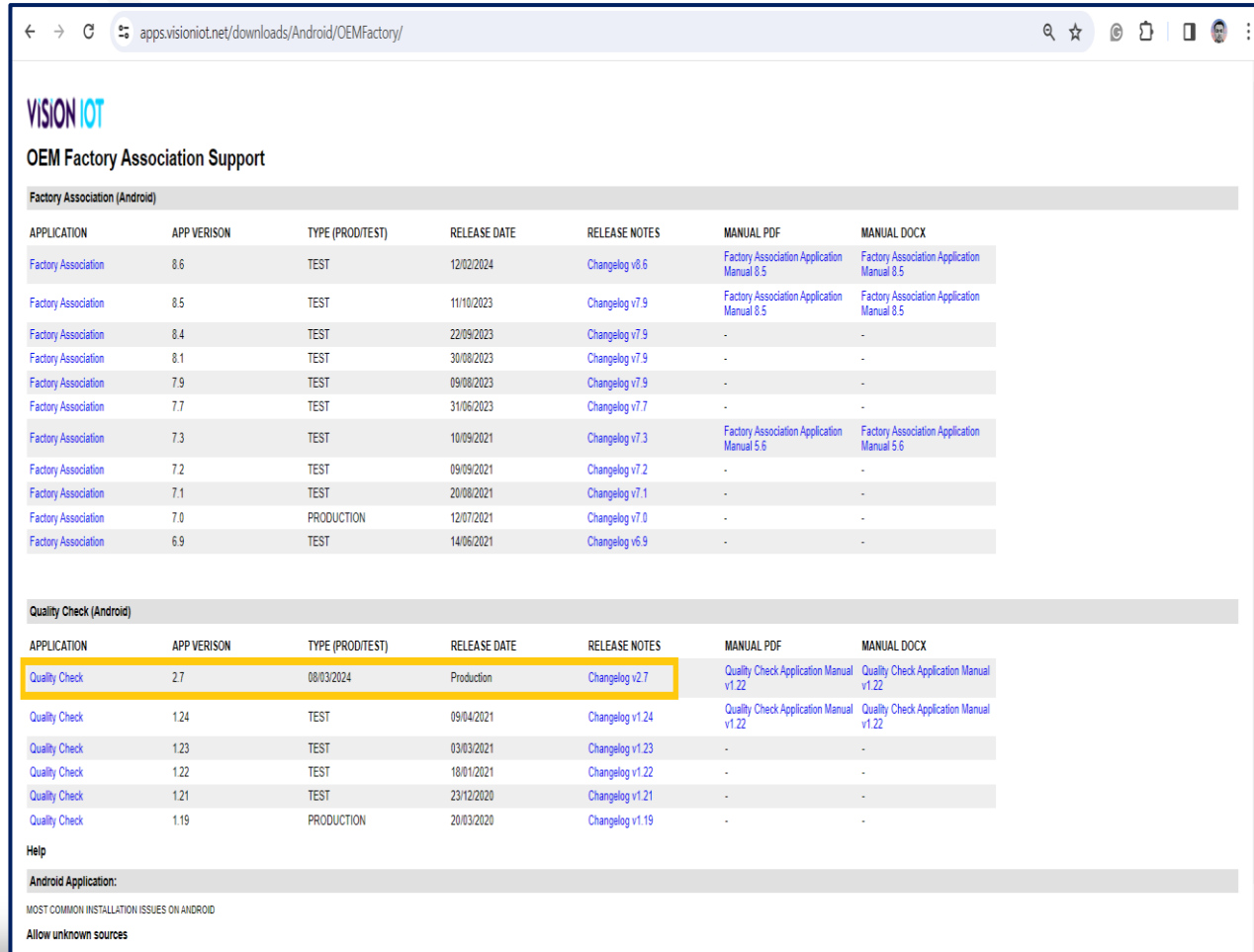# FACTORY QC

Application Guide

Jan 2025

APPLICATION FEATURES

✓ **Association QC –** To check the Associated Status of the Smart Device with the Cooler in Factory.

✓ **QC Details –** To Show the Successful Association QC Details by Date with a message.

✓ **QC Overview –** To Show the Overall summary based on the Error and Success Message.

✓ **Smart Device Check –** To Check the QC Status of Smart Devices.

✓ **Cooler Check –** To Check the QC Status of the Cooler.

✓ **GMC5 Check –** To Check the QC Status of GMC5 Smart Devices.

✓ **Aon Connectivity Check –** To Check the AON device advertisement and ping data.

✓ **Aon Connectivity Check Log –** To Check the AON device advertisement and ping data logs.

APPLICATION INSTALLATION

Install the "**FACTORY QC**" APK received from an Android phone link.
URL: https://apps.visioniot.net/downloads/Android/OEMFactory/

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

1. Open VISION IOT's Factory QC 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.

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.
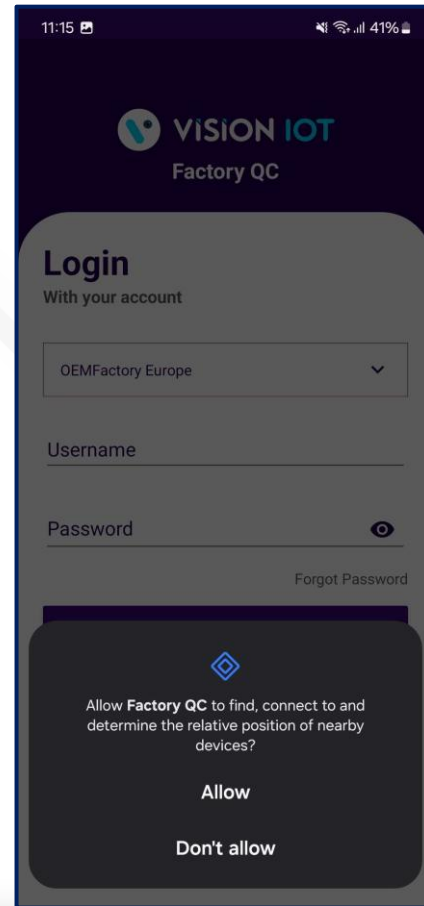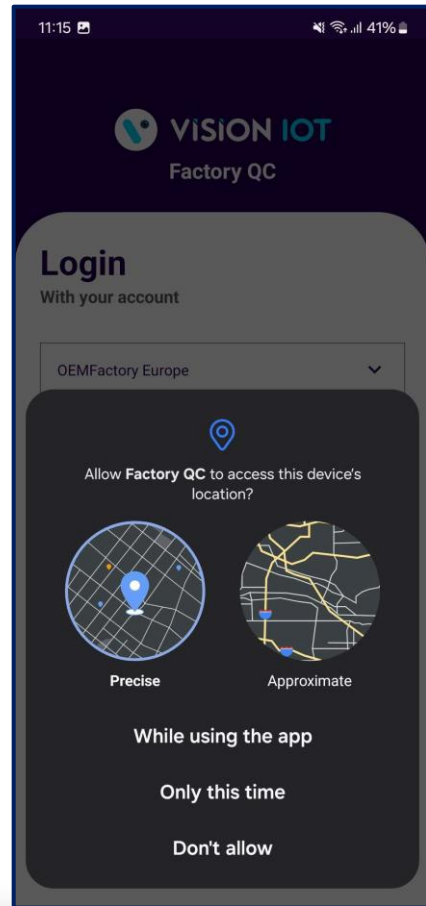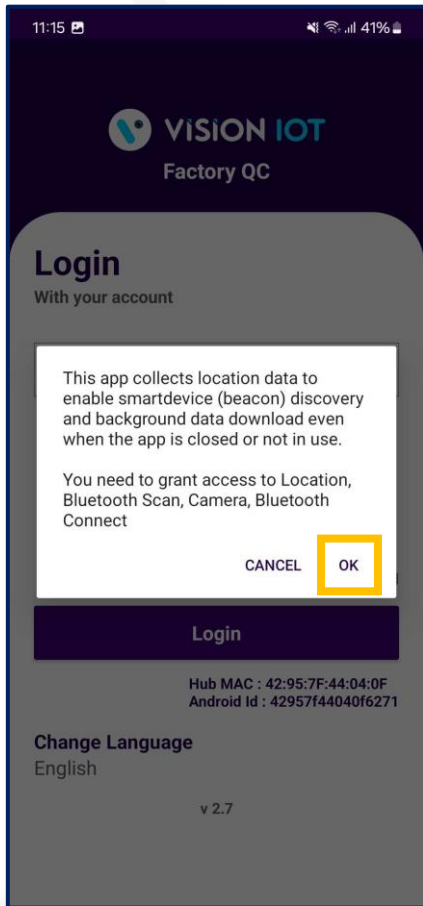
Camera Permission, File and Media Permission, Location Permission, Nearby Device Permission Need to Allow.

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.
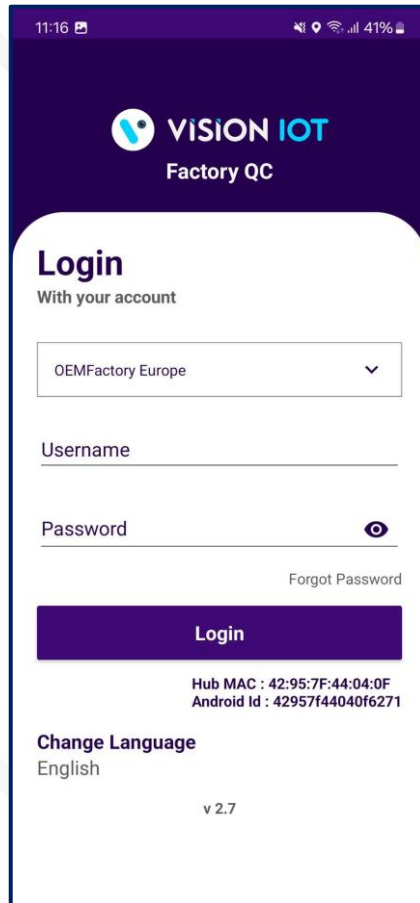
LOGIN

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

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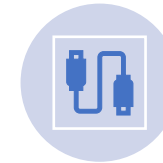
Devices must have at least 4GB of RAM and Bluetooth version 4.2 or higher.

The minimum required operating system version is 9.0 or above.

- ✓ 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.
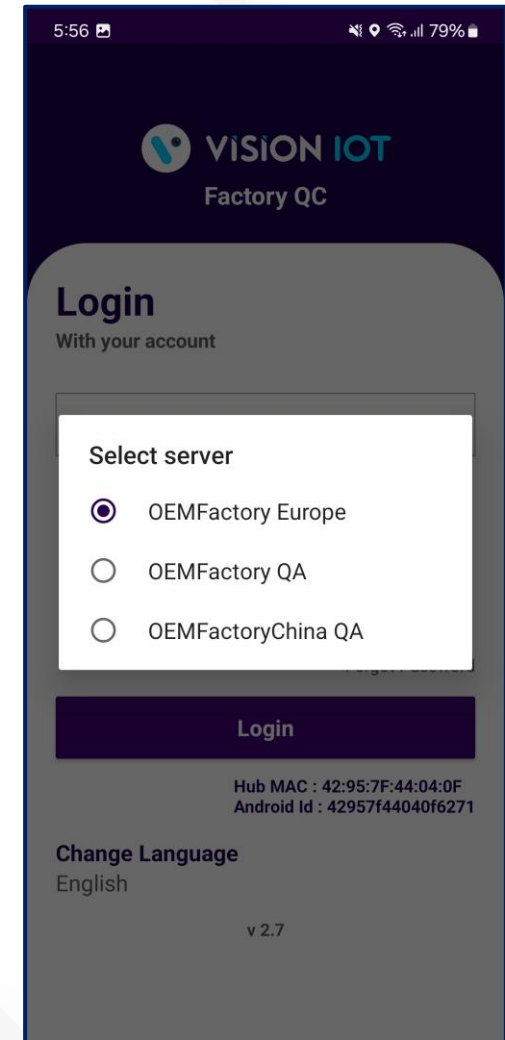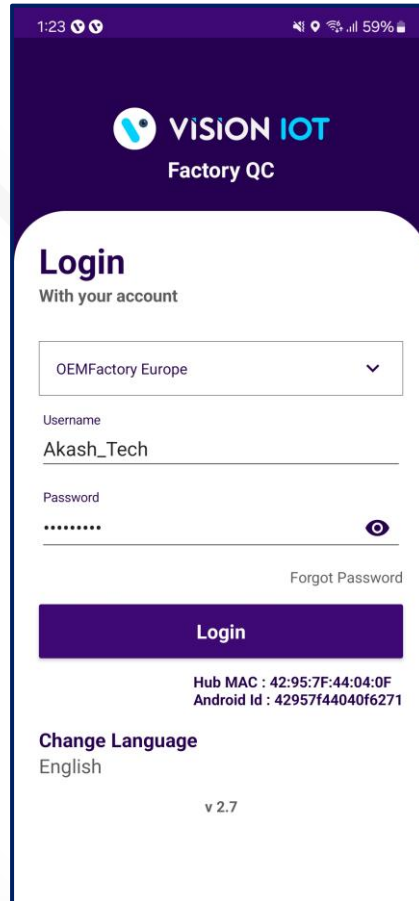
Provide valid credentials and tap on the Login button.

Note: Internet connectivity is required during login otherwise login will fail, and the application will not work.
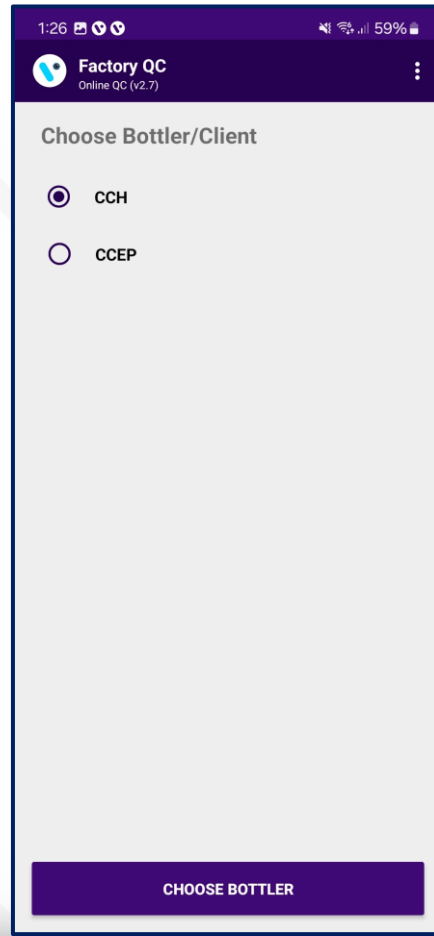
FACTORY QC – SELECT BOTTLER/CLIENT

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

FACTORY QC – SCAN COOLER SN
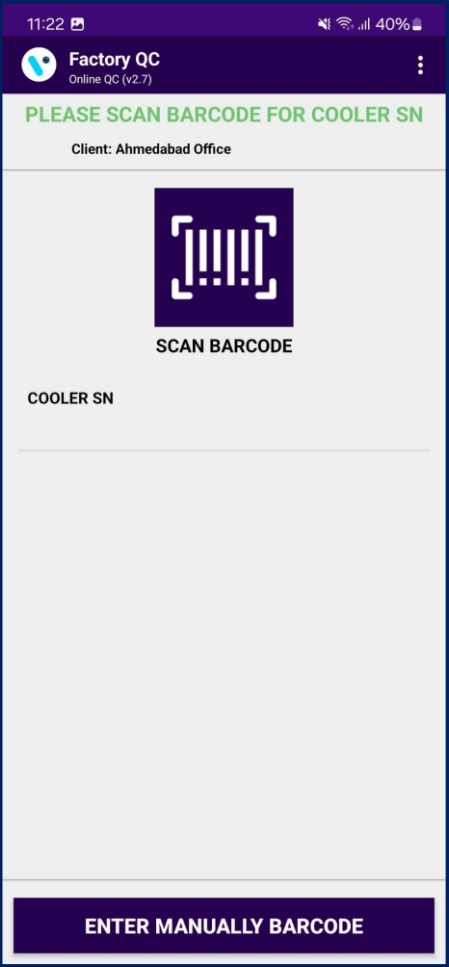
Tap on SCAN BARCODE and scan the barcode of the cooler. Cooler Serial Numbers could also be entered manually by taping on "ENTER MANUALLY BARCODE".
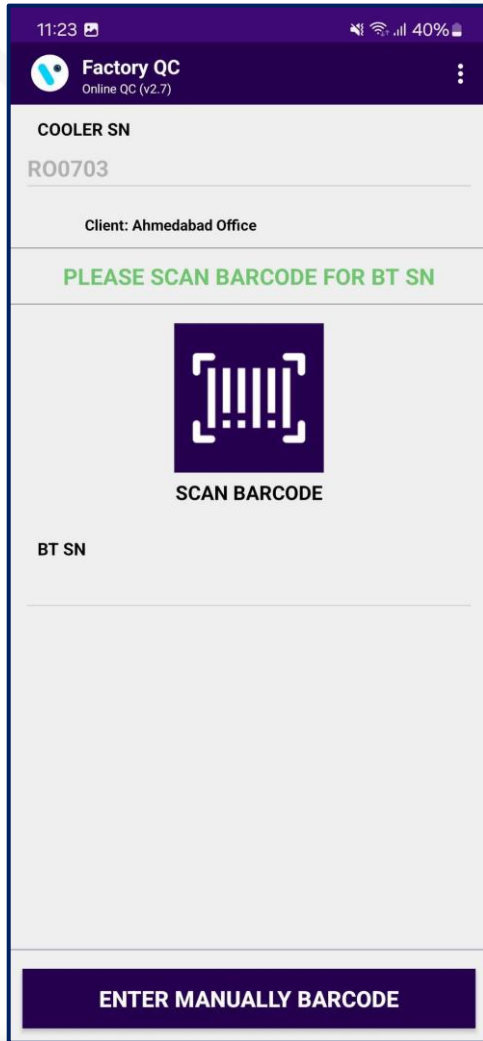
FACTORY QC – SCAN SMART DEVICE SN

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

ASSOCIATION – SMART DEVICE CONFIGURATION SETTING UP

After the Smart Device Serial Number is successfully scanned the application will check the association in the Vision IoT System. The following message will be shown if the association between the scanned cooler and Smart Device are in the Vision IoT System.
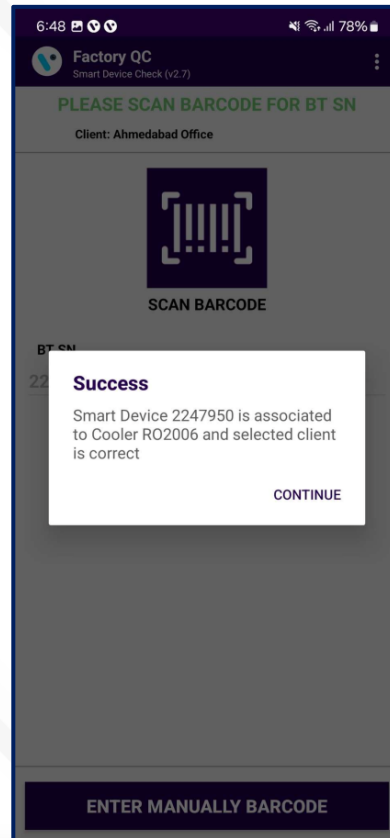
If there is a problem with the association, an Error message will be shown. All the possible Errors and the reasons for them can be seen in the **LIST OF ERRORS, ALERTS, AND OK MESSAGES** in the tail slides.

QC DETAILS

QC DETAILS – To Show all the Cooler and smart Device checks done and the results from those checks. If View is tapped, details are shown.

QC OVERVIEW

QC OVERVIEW – To Show an Overview of the Cooler, Smart Device check Association.

SMART DEVICE CHECK

SMART DEVICE CHECK – To Show an Overview of the Smart Device, in Smart Device Check Association.
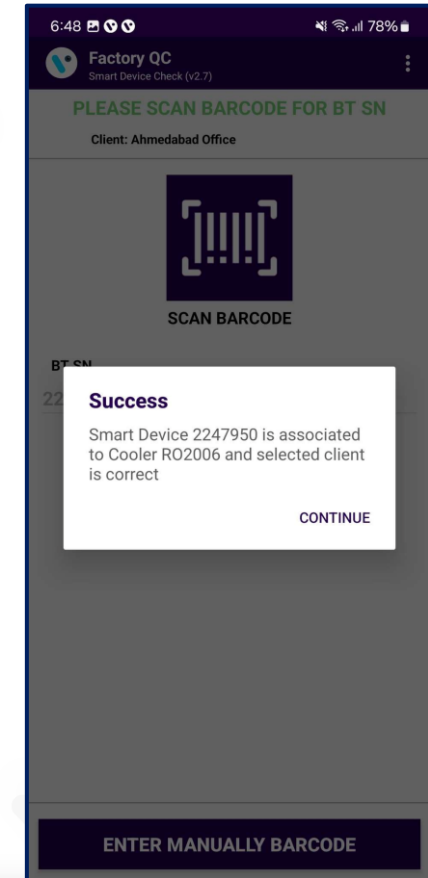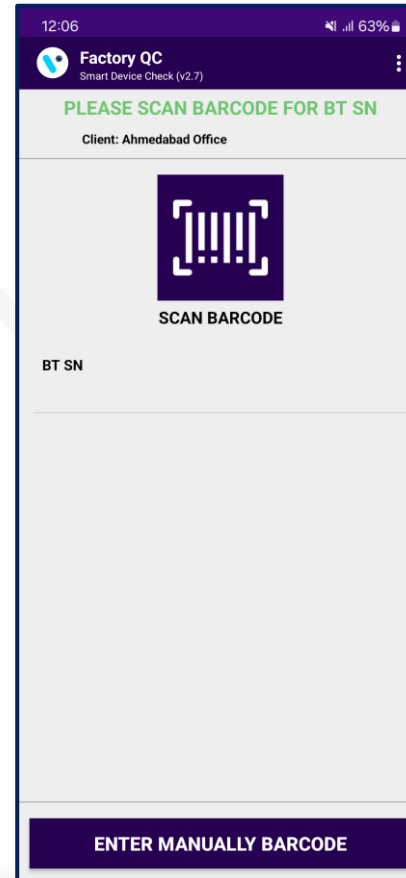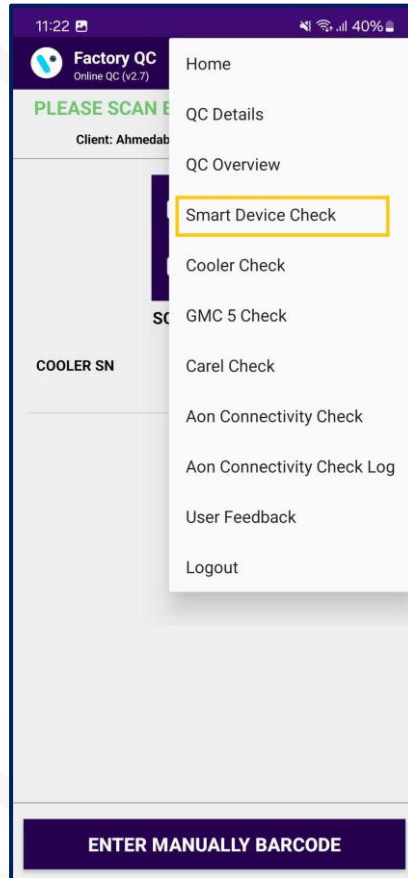
COOLER CHECK

COOLER CHECK – To Show an Overview of the Cooler, in the Cooler Check Association.
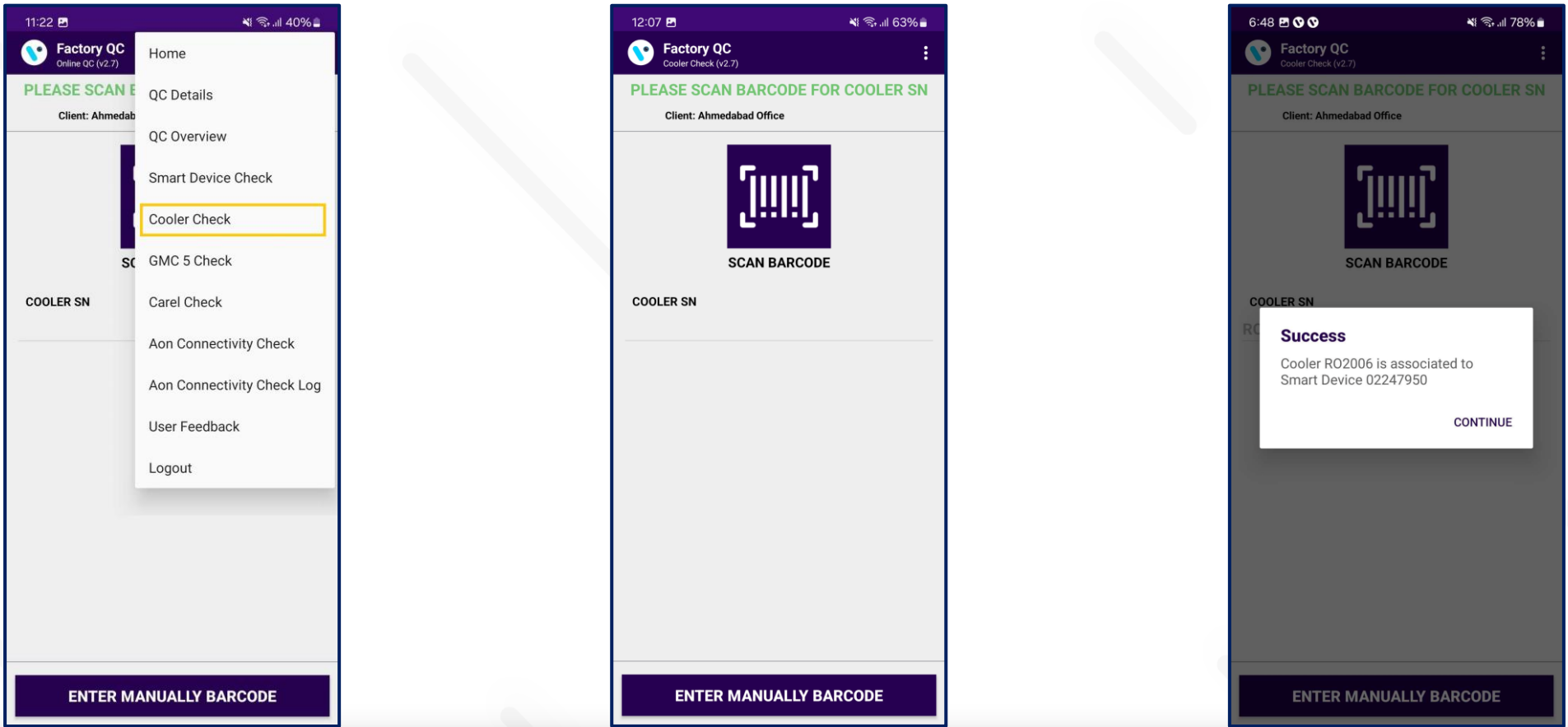
GMC5 CHECK

GMC5 CHECK – To Show an Overview of the Sollatek GMC5 Device, in the GMC5 Check Association.
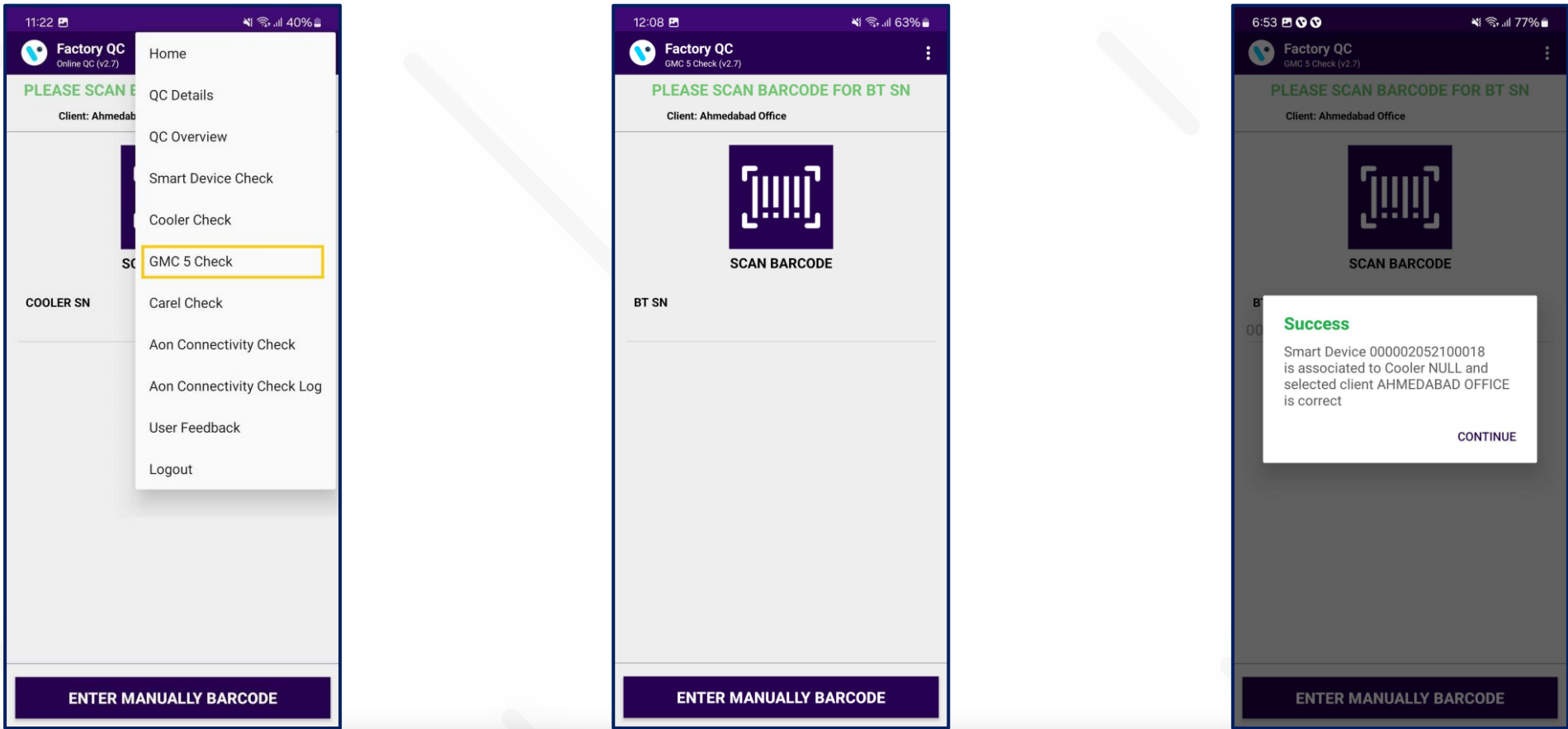
CAREL CHECK

CAREL CHECK – To Show an Overview of the Carel Device, in the Carel Check Association.
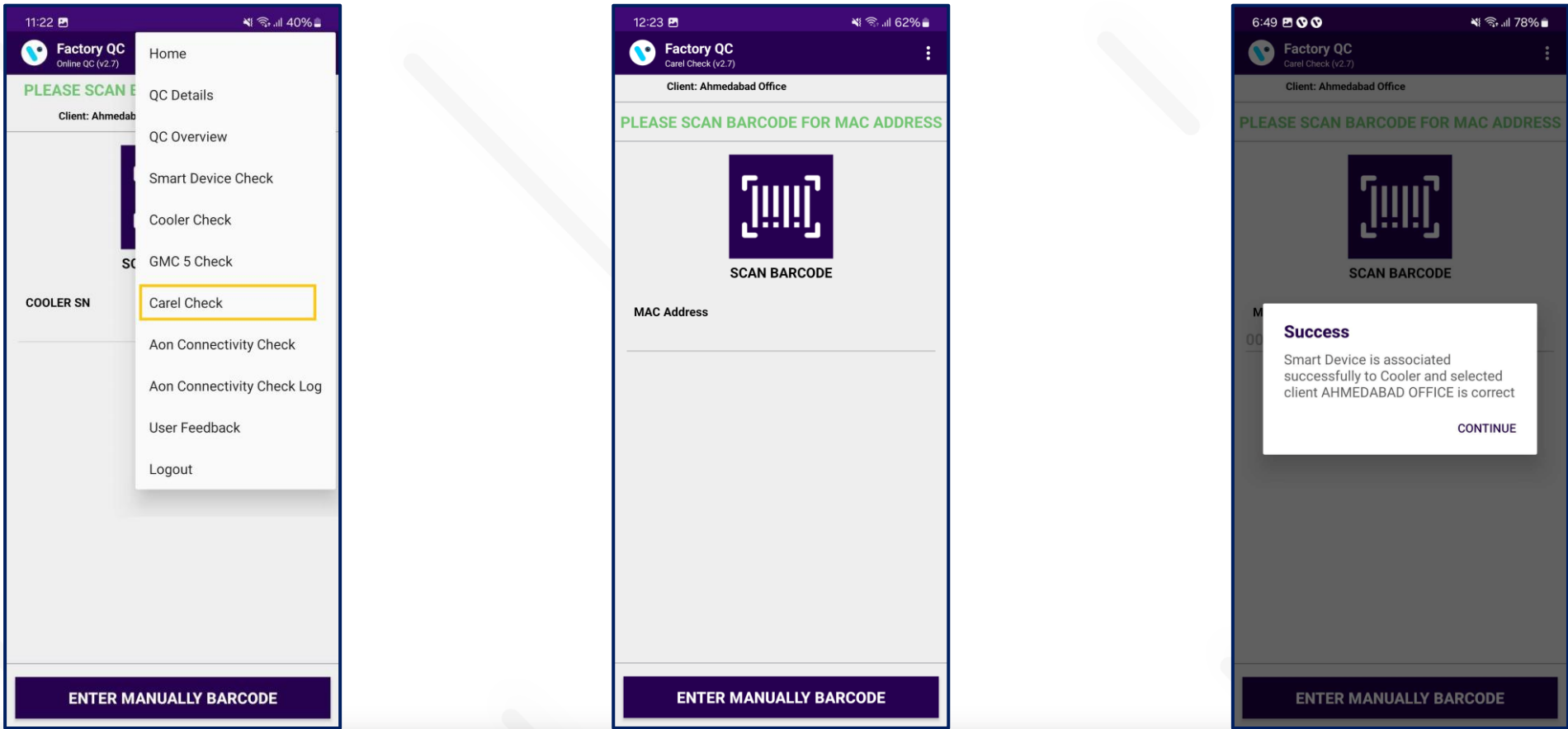
AON CONNECTIVITY CHECK – Smart Tag AON

To check the Advertisement and Ping Status, tap on the hamburger menu in the upper right corner and then tap on **Aon Connectivity Check**.
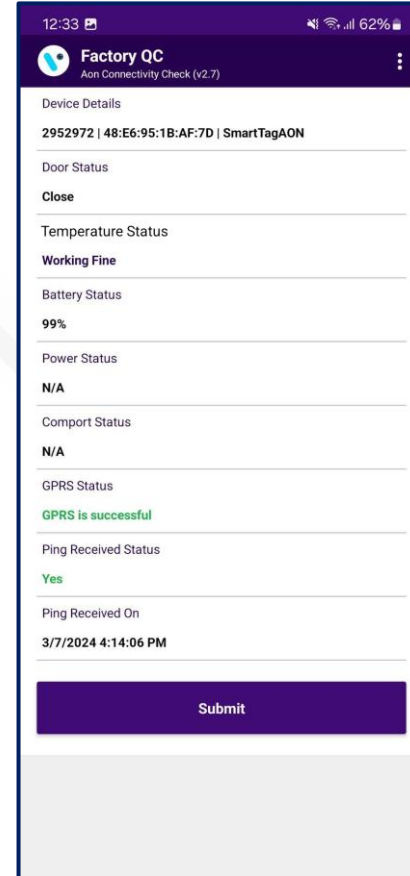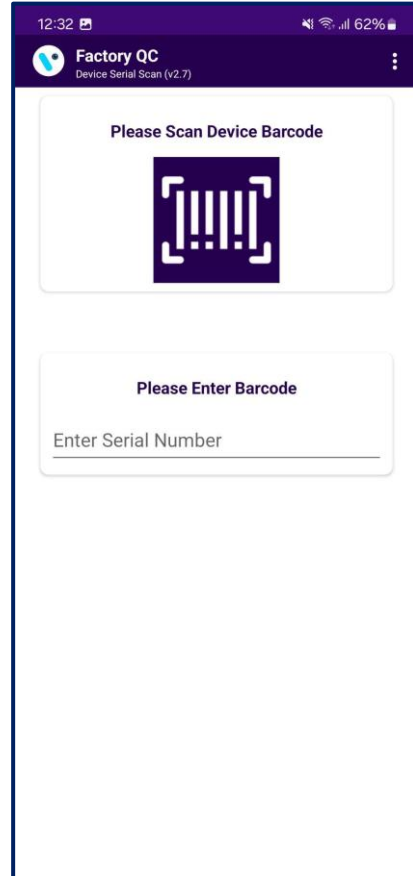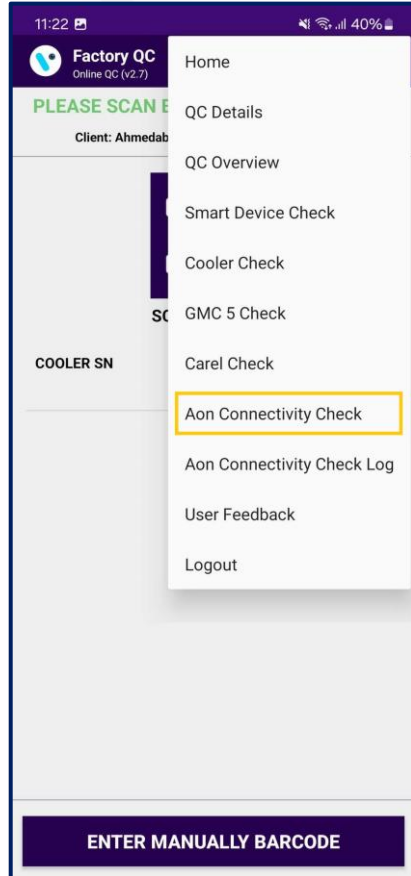
SMART TAG AON

For the Smart Tag AON Connectivity check, the user must associate the Smart devices before 15 minutes.

SMART TAG AON: before the check AON Connectivity Status Give 5 to 9 door events within 30 seconds to start the advertisement.

After Checking the AON Connectivity of the Device Must Press the "SUBMIT" button to Save the AON Connectivity Check Logs.

If the device is not found within 120 seconds, the application will display the "Retry" and "Submit" buttons.

GREEN LED – When the Green LED Blinks the user can check the AON Connectivity status.

PURPLE LED* device in cellular mode phone application will not be able to connect and the Device will not come in the advertisement.

AON CONNECTIVITY CHECK – Sollatek FDEx2

To check the Advertisement and Ping Status, tap on the hamburger menu in the upper right corner and then tap on **Aon Connectivity Check**.
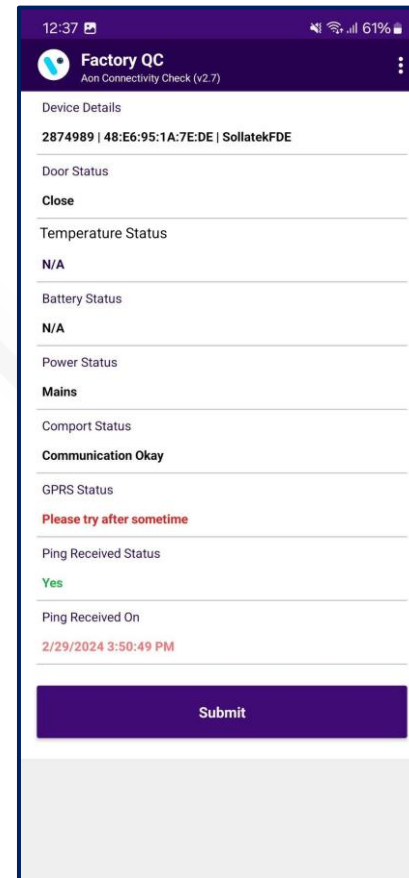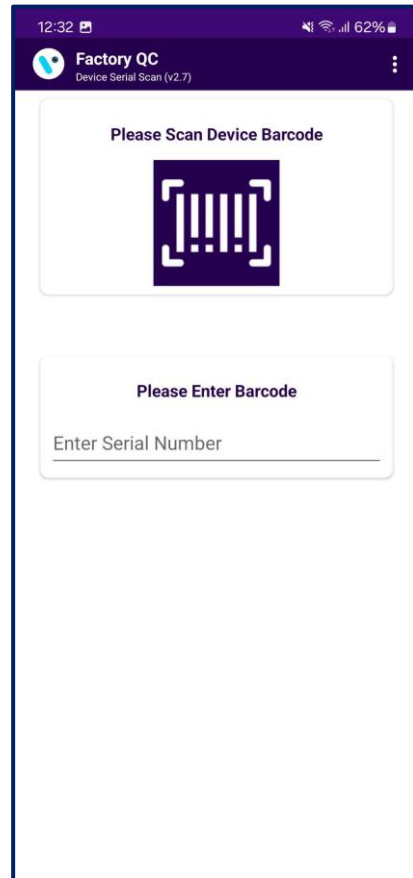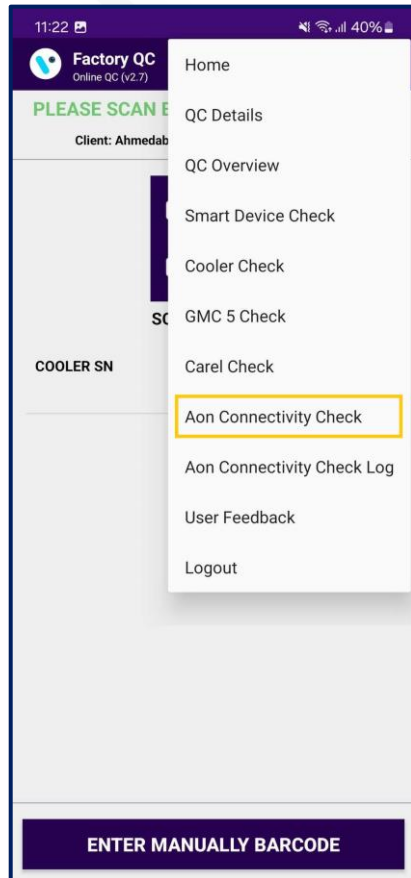
SOLLATEK FDEx2

SOLLATEK FDEx2:
The device Must be powered Minimum of 10 minutes before the AON Connectivity check.

There should not be in GPRS Activity going on with the FDEx2 Device. If it is not coming in the advertisement retry AON check after the 5 minutes with keep it powered ON.

After Checking the AON Connectivity of the Device Must Press the "SUBMIT" button to Save the AON Connectivity Check Logs.

If the device is not found within 120 seconds, the application will display the "Retry" and "Submit" buttons.

AON CONNECTIVITY CHECK

PARAMETERS	VALUE FORMAT	SMART TAG AON	SOLLATEK FDEX2
DEVICE DETAILS	Serial Number | MAC Address | Device Type Name	YES	YES
DOOR STATUS	Open / Close	YES	YES
TEMPERATURE STATUS	Working Fine / Faulty	YES	YES
BATTERY STATUS	Battery %	YES	N/A
POWER STATUS	Mains	N/A	YES
COMPORT STATUS	Communication Okay / Not OK	N/A	YES
GPRS STATUS	Status	YES	YES
PING RECEIVED STATUS	Yes / No	YES	YES
PING RECEIVED ON	Date and Time	YES	YES

AON CONNECTIVITY CHECK LOG

To check the Advertisement and Ping Status Logs, tap on the hamburger menu in the upper right corner and then tap on **Aon Connectivity Check Logs**.
The page is Scrollable to see the other parameters to scroll right to left.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device \<SD SN\> is associated successfully to Cooler \<COOLER SN\> and \<CLIENT ID\> is correct	**SUCCESS**	The user scans the SD SN and Cooler SN, the scanned SD, and Cooler are associated successfully.	No Action Needed. All Working Fine.
Please check your internet connection and try again	**ERROR 01**	No Internet	Check Internet/Wi-Fi Again.
Cannot connect to server, please try again	**ERROR 02**	No Internet or server not available	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.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device <SD SN> and Cooler <COOLER SN> are not associated	**ERROR 07**	The user scans the SD SN and Cooler SN, the scanned SD is not associated, and the scanned Cooler is not associated.	Scanned Cooler SN and Smart Device are not associated. Need to Do the Association process with a Factory Application again if not check with Relogging. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is not associated and Cooler <COOLER SN> is not in the Portal	**ERROR 08**	The user scans the SD SN and Cooler SN, the scanned SD is not associated, the scanned Cooler is not in the Portal.	Need to Do the Association process again with a Factory Application with a valid Cooler SN if not check with Relogging. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is not in the portal and Cooler <COOLER SN> is not associated	**ERROR 10**	The user scans the SD SN and Cooler SN, the scanned SD is not in the Portal, the scanned Cooler is not associated.	Need to Do the Association process again with a Factory Application with a valid Smart Device SN if not check with Relogging. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device <SD SN> and Cooler <COOLER SN> are not in the Portal	**ERROR 11**	The user scans the SD SN and Cooler SN, the scanned SD is not in the Portal, the scanned Cooler is not in the Portal.	Need to Do the QC process again with a valid Smart Device SN and Valid Cooler SN if not check with Relogging in the Application. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is associated successfully to Cooler <COOLER SN> and <CLIENT ID> is incorrect	**ERROR 20**	The user scans the SD SN and Cooler SN, the scanned SD and Cooler are associated successfully, but the client is incorrect.	The selected Client in the QC Application is not matched with the Associated Data Client. The user must select Same Client in the QC Application also.
Smart Device <SD SN> is associated to <COOLER SN> and Cooler <COOLER SN> associated to Smart Device <SD SN> and the <CLIENT ID> is incorrect	**ERROR 21**	The user scans the SD SN and Cooler SN, the scanned SD is associated with a different Cooler, and the client selected is incorrect, than the one scanned. The scanned Cooler is also associated with a different SD than the one scanned.	The user must select Same Client in the QC Application also, Scanned Cooler SN and Smart Device SN are associated with Different Smart Device SN and Cooler SN, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device <SD SN> is associated to <COOLER SN> and Cooler <COOLER SN> associated to Smart Device <SD SN> and the <CLIENT ID> is correct	**ERROR 22**	The user scans the SD SN and Cooler SN, the scanned SD is associated to a different Cooler, and the client selected is correct, than the one scanned. The scanned Cooler is also associated with a different SD than the one scanned.	Scanned Cooler SN and Smart Device SN are associated with Different Smart Device SN and Cooler SN, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is associated to <COOLER SN> and Cooler <COOLER SN> is not associated and the <CLIENT ID> is correct	**ERROR 23**	The user scans the SD SN and Cooler SN, the scanned SD is associated with a different Cooler than the one scanned, the scanned Cooler is not associated, but the client is correct.	Smart Devices Associated with Different Cooler SN and Scanned Cooler SN is not associated, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is associated to <COOLER SN> and Cooler <COOLER SN> is not associated and <CLIENT ID> is incorrect	**ERROR 24**	The user scans the SD SN and Cooler SN, the scanned SD is associated to a different Cooler than the one scanned, the scanned Cooler is not associated, and the client is incorrect.	The user must select Same Client in the QC Application also, Smart Devices Associated with Different Cooler SN and Scanned Cooler SN is not associated, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device <SD SN> is associated to <COOLER SN> and Cooler <COOLER SN> is not in the Portal and the <CLIENT ID> is correct	**ERROR 25**	The user scans the SD SN and Cooler SN, the scanned SD is associated with a different Cooler than the one scanned, the scanned Cooler does not exist in the Portal, but the client is correct.	Smart Devices Associated with Different Cooler SN and Scanned Cooler SN is not associated, Contact Support at <u>support.iot@visiongroupretail.com</u> with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is associated with <COOLER SN> and Cooler <COOLER SN> is not in the Portal and the <CLIENT ID> is incorrect	**ERROR 26**	The user scans the SD SN and Cooler SN, the scanned SD is associated with a different Cooler than the one scanned, the scanned Cooler does not exist in the Portal, but the client is incorrect.	The user must select Same Client in the QC Application also, Smart Devices Associated with Different Cooler SN and Scanned Cooler SN is not associated, Contact Support at <u>support.iot@visiongroupretail.com</u>. with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is not associated and Cooler <COOLER SN> is associated to Smart Device <SD SN> and the <CLIENT ID> is correct	**ERROR 27**	The user scans the SD SN and Cooler SN, the scanned SD is not associated, the scanned Cooler is associated to a different SD than the scanned, but the client is correct.	Cooler SN Associated with Different Smart Device SN and Scanned Smart Device SN is not associated, Contact Support at <u>support.iot@visiongroupretail.com</u> with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
Smart Device <SD SN> is not associated and Cooler <COOLER SN> is associated to Smart Device <SD SN> and the <CLIENT ID> is incorrect	**ERROR 28**	The user scans the SD SN and Cooler SN, the scanned SD is not associated, the scanned Cooler is associated to a different SD than the scanned, but the client is incorrect.	The user must select the Same Client in the QC Application also, Cooler SN Associated with Different Smart Device SN and Scanned Smart Device SN is not associated, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is not in the Portal and Cooler <COOLER SN> is associated to Smart Device <SD SN> and the <CLIENT ID> is correct	**ERROR 29**	The user scans the SD SN and Cooler SN, the scanned SD is not in the Portal, the scanned Cooler is associated with a different SD than the one scanned and the client is correct.	Cooler SN Associated with Different Smart Device SN and Scanned Smart Device SN is not associated, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device <SD SN> is not in the Portal and Cooler <COOLER SN> is associated to Smart Device <SD SN> and the <CLIENT ID> is incorrect	**ERROR 30**	The user scans the SD SN and Cooler SN, the scanned SD is not in the Portal, the scanned Cooler is associated with a different SD than the one scanned, but the client is not correct.	The user must select Same Client in the QC Application also, Cooler SN Associated with Different Smart Device SN and Scanned Smart Device SN is not associated, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
SMART DEVICE CHECK			
Smart Device \<SD SN\> is associated to Cooler \<COOLER SN\>	**SUCCESS**	The user scans the SD SN, the scanned SD is associated with Cooler SN.	No Action Needed. All Working Fine.
Smart Device \<SD SN\> is not associated	**ERROR 12**	The user scans the SD SN, the scanned SD is not associated.	The scanned Smart Device is not associated. Need to Do the Association process again if not check with Relogging in the Application. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
Smart Device \<SD SN\> is not in the Portal	**ERROR 13**	The user scans the SD SN, the scanned SD is not in the Portal	Need to Do the Association process again with a valid Smart Device SN if not check with Relogging in the Application. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

MESSAGES – SUCCESS/ERROR Messages

DETAILED MESSAGE	MESSAGE	USER STORY	SOP ACTION
COOLER CHECK			
Cooler <COOLER SN> is associated to Smart Device <SD SN>	**SUCCESS**	The user scans the Cooler SN, the scanned Cooler is associated with SD SN.	No Action Needed. All Working Fine.
Cooler <COOLER SN> is not associated	**ERROR 14**	The user scans the Cooler SN, the scanned Cooler is not associated.	The scanned Cooler SN is not associated. Need to Do the Association process again if not check with Relogging in 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 <COOLER SN> is not in the Portal	**ERROR 15**	The user scans the Cooler SN, the scanned Cooler is not in the Portal	Need to Do the Association process again with a valid Cooler SN if not check with Relogging in the Application. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

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Thank You!