OmniPoint

EPM Dealer
Installation Guide

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Download CellGate App

If you have not yet, download the CellGate app to your smartphone. Alternatively, search for "Cellgate" in the App or Play Store, and download the CellGate app.
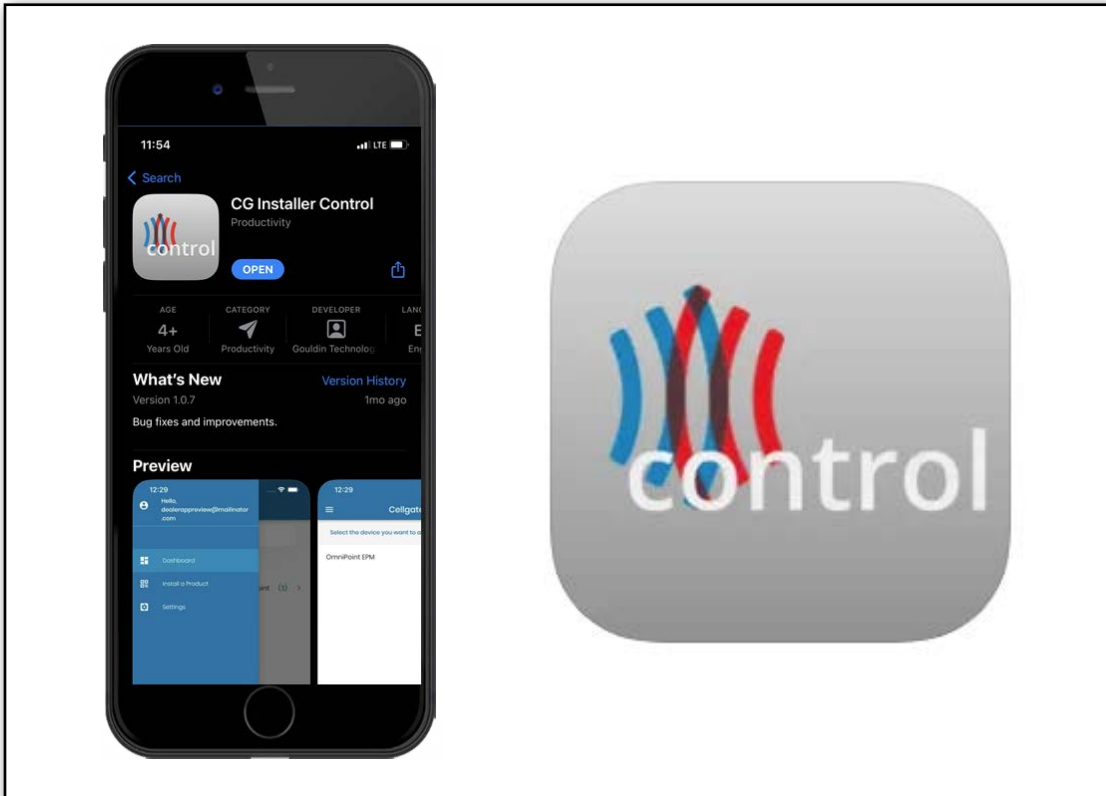
Notes: The install kit should come with a QR code to scan to find the app. There are two apps in the store, a "Cellgate Mobile Connect" app, and a "CG Installer Control" app. You will need to download the "CG Installer Control" app as shown above.
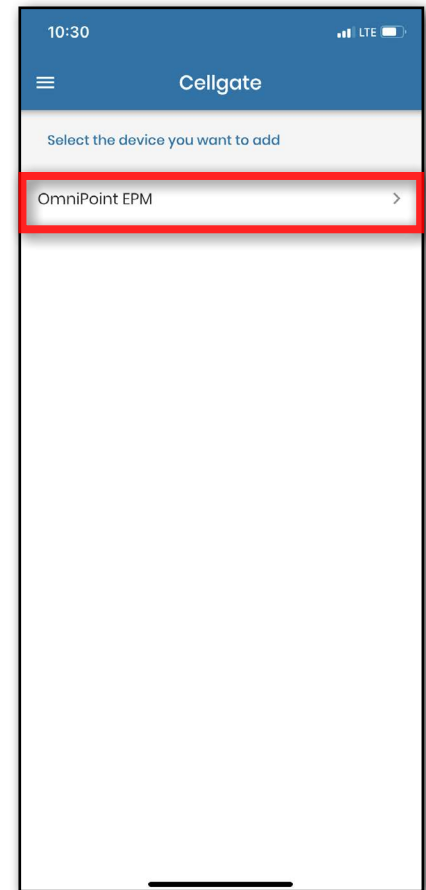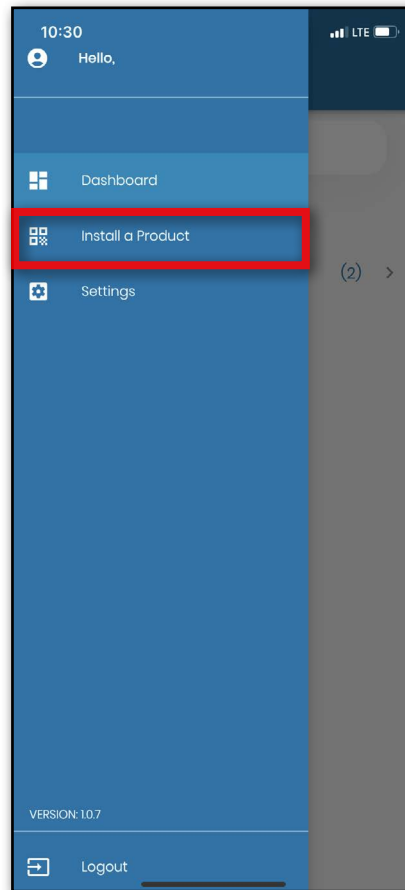
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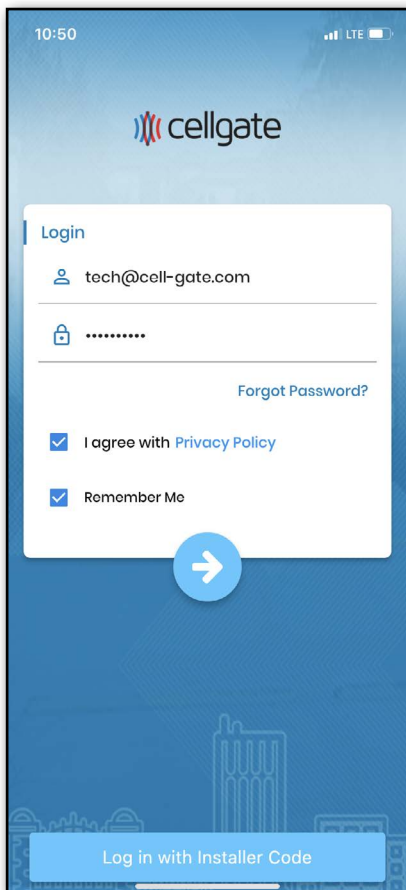Open the Cellgate Installer Control and login. If you do
not have a dealer log in, contact Cell Gate Customer
Support at 1-855-694-2837.

-Tap Install a Product.
-Tap Omnipoint EPM.
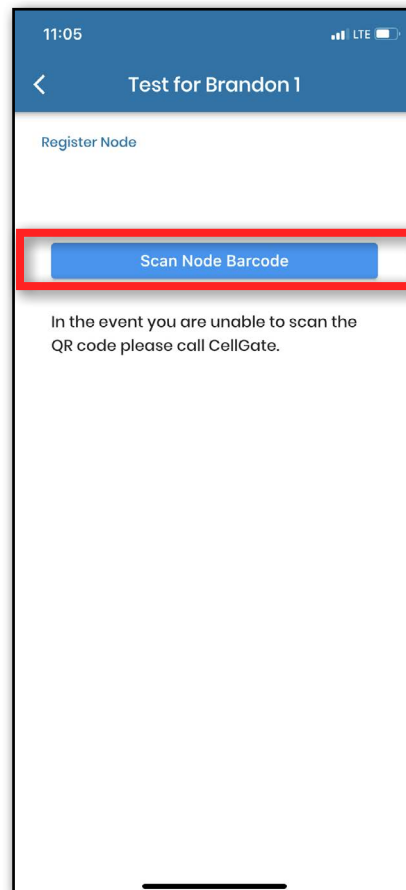
Notes: You will need a dealer login, not a customer login.

-Tap Test For *Location Name*.
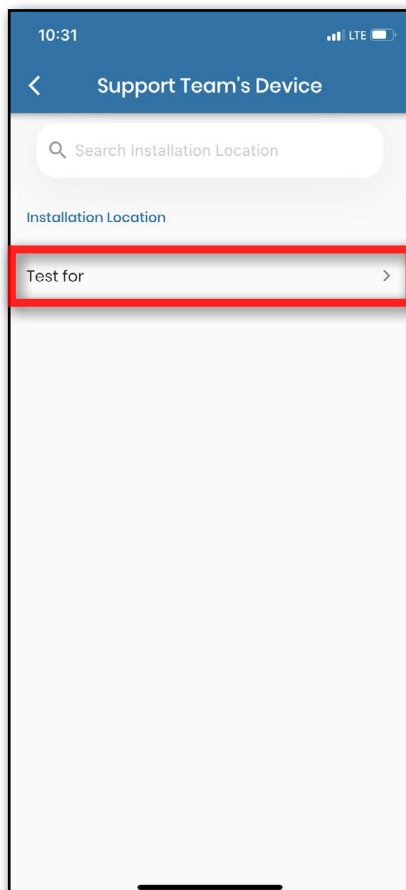-Select the property location.
-Tap Scan Node Barcode.

Notes: There may be multiple properties. Make sure you are on the correct property before trying to add the node/EPM. The app will ask for access to your camera. You will need to enable access.

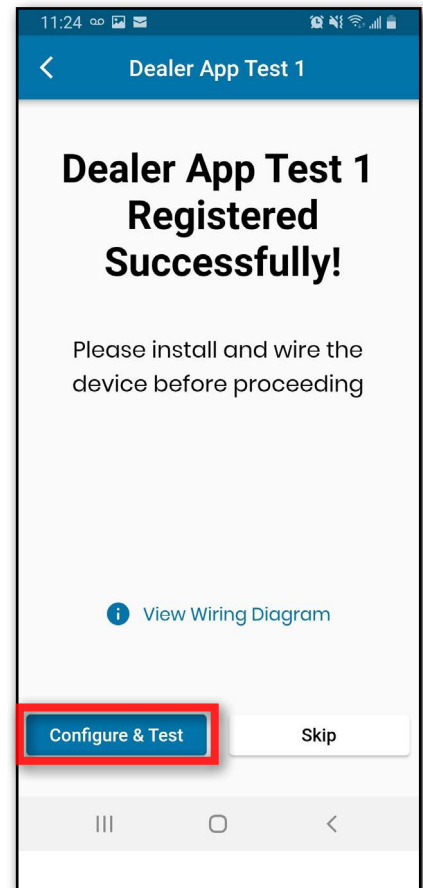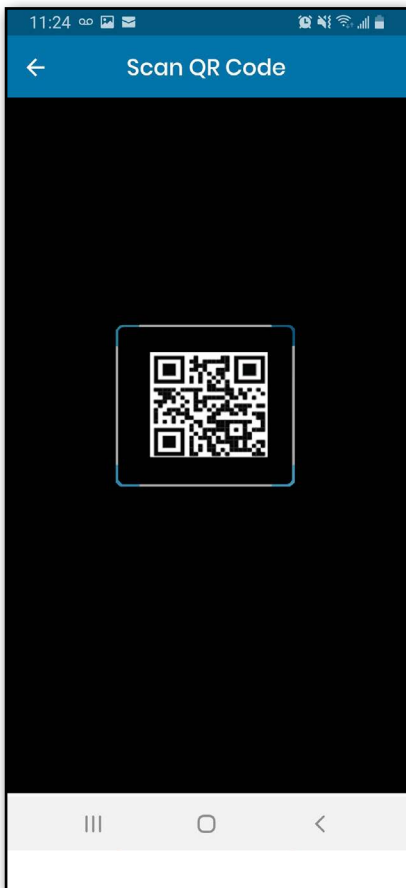At this point, you can scan the QR code on the side of the EPM. A message will pop up showing the registration was successful. Next click Configure & Test.

Notes: Make sure the Device Number, and the number on the yellow sticker match the numbers on the EPM.

Verify the green light is blinking slowly, at the rate of once a second approximately. If it is, click "Yes" - if not click "No" - Clicking "No" will take you to a troubleshooting step. Otherwise, we can click "Yes" and proceed to the next step.
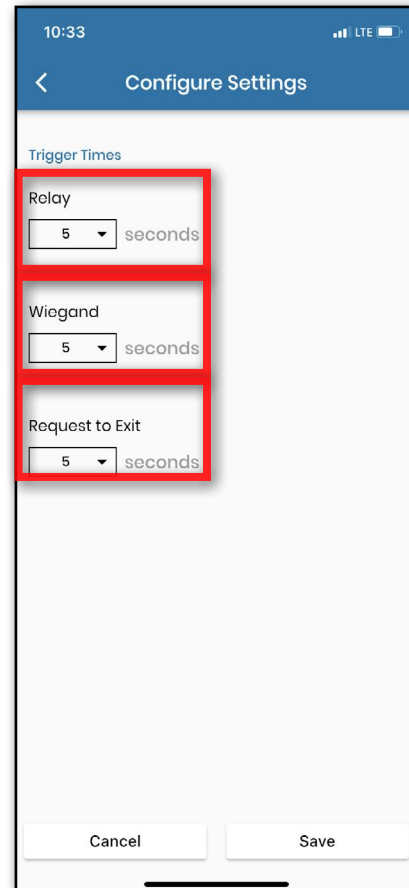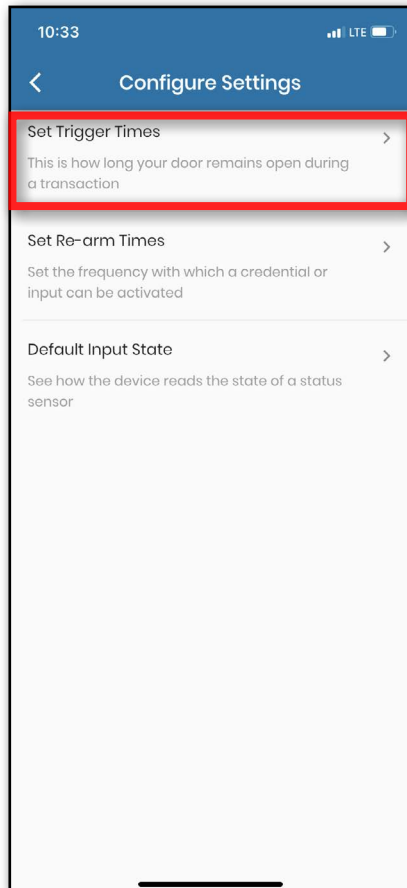

Notes: It will take a few minutes for the device to be ready. You will see the red and green lights blinking until it gets a steady green heartbeat.

Select "**Set Trigger Times**"
   -Set the "**Relay**" time in seconds
   -Set the "**Wiegand**" time in seconds
   -Set the "**Request to Exit**" time in seconds
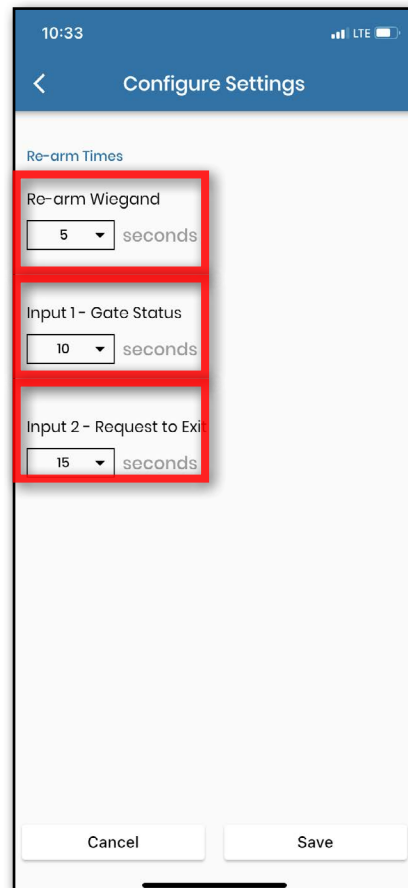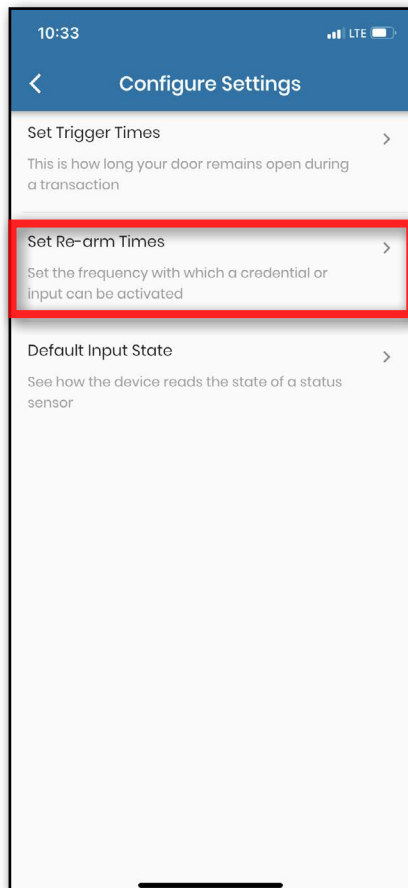   -Tap **Save**

Notes:
   - Relay time: the amount of time relay stays open when activated
   - Wiegand: how long relay remains active from Wiegand transaction
   - Request to exit: how long relay remains open after request to exit

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Select "**Set Re-Arm Times**"
  -Set the "**Re-Arm Wiegan**" time in seconds
  -Set the "**Input 1**" time in seconds
 -Set the "**Input 2**" time in seconds
  -Tap **Save**

Notes:
  - Re-arm Wiegand: how may times the same code can be used within the set number of seconds
  - Input 1: how often the input switches states; how often input 1 changes are logged
  - Input 2: how often the input switches states; how often input 2 changes are logged

Select Normally Open or Normally Closed for the Default Input State.
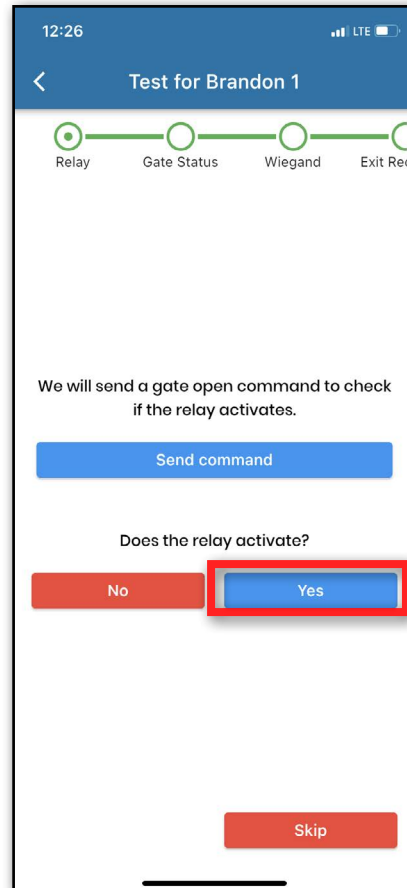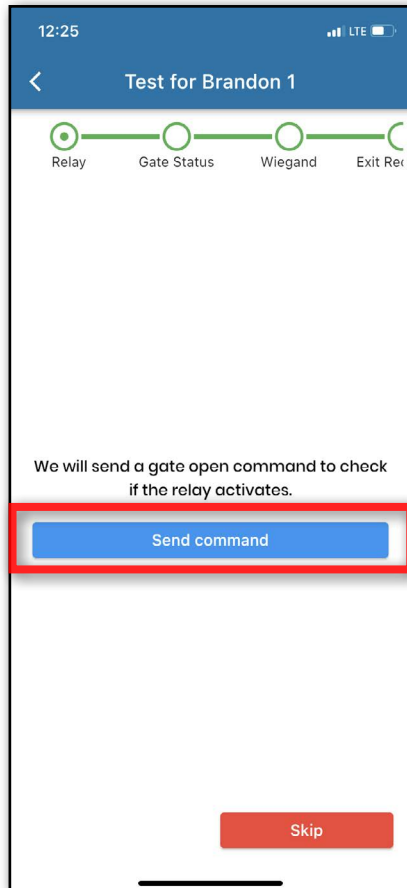   -Tap "**Push Changes to Device**"
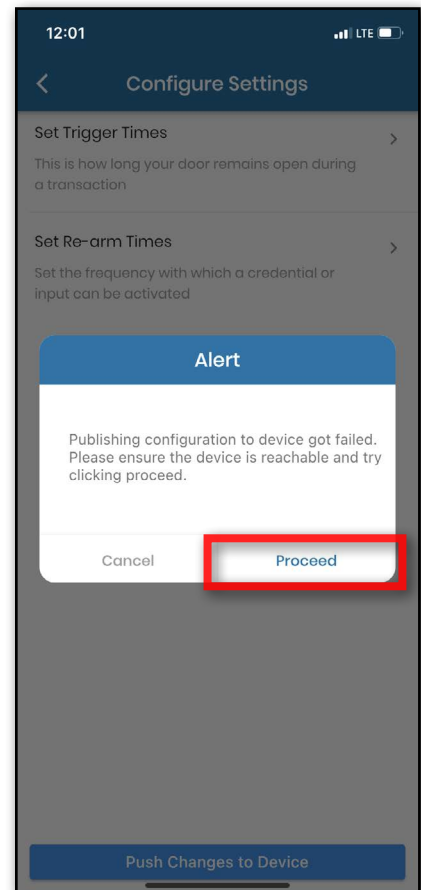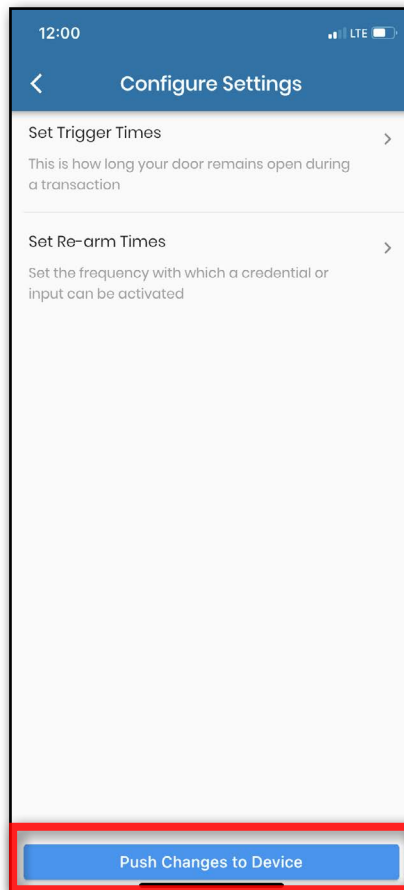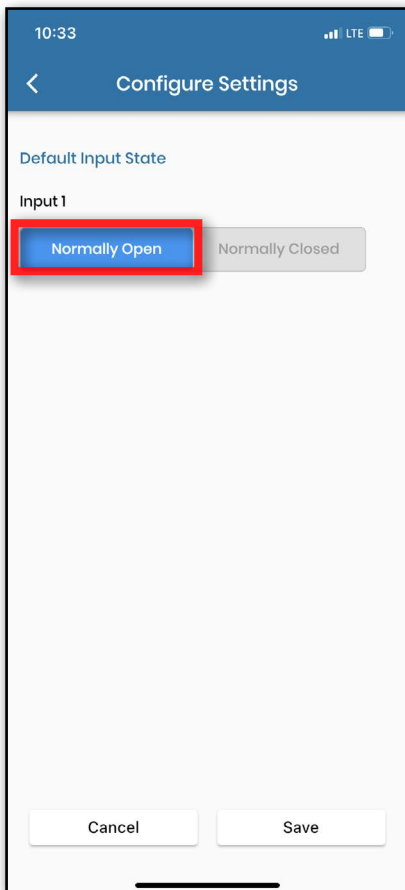
Notes: If you get the push error, power cycle your EPM and wait for the green heartbeat again, then click Proceed.

Testing the EPM:

Activate the relay by tapping "Send Command". This should trigger the gate/door. If it was successful then tap "Yes" - if not tap "No".
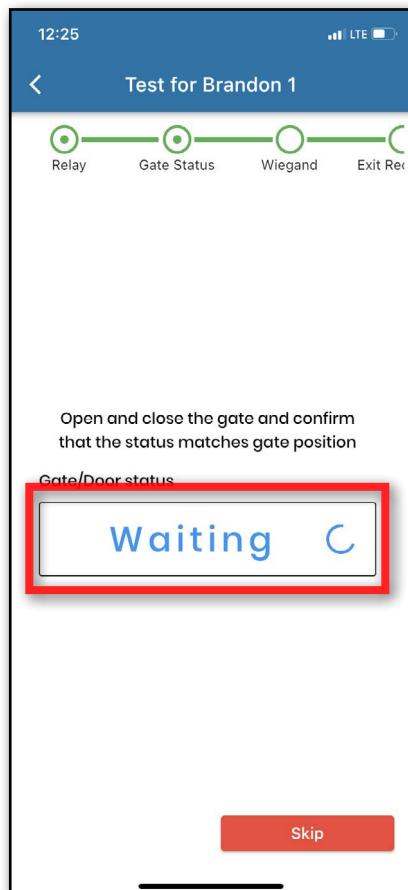
Verify the Gate Status. If Omnipoint is working correctly, **Gate Status** displays as either **Opened** or **Closed**. A Gate Status of **Unknown** indicates the system is not receiving data from the door status sensor. If you don't use gate status, click **Skip**. Tap **Yes** to move to Wiegand testing.
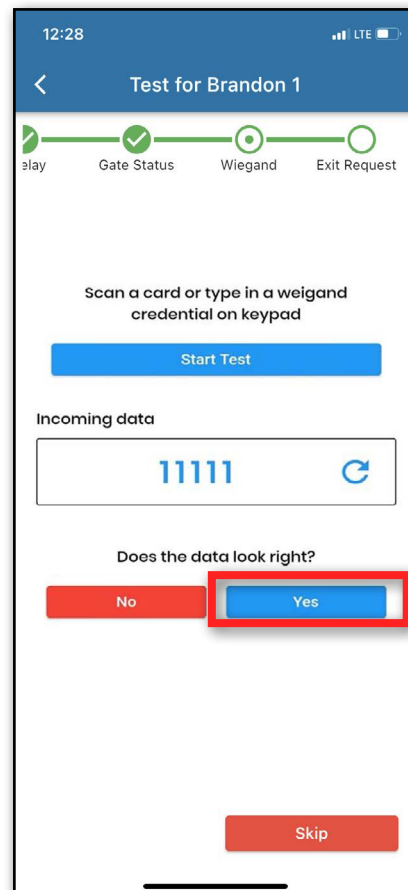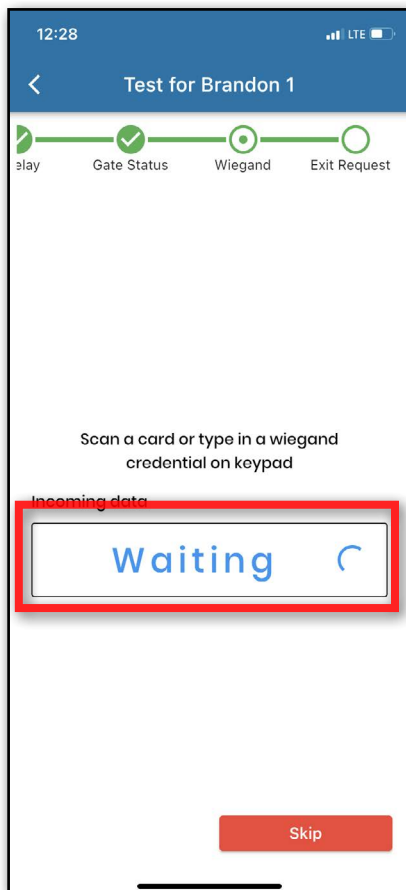

Notes: Open and close the door to ensure the status is correct.

Testing the Wiegand Function:

Now it's time to verify that the Omnipoint device reads Wiegand codes correctly. Tap **Start Test**. To test, scan a RFID card or enter a Wiegand code. Verify that the Wiegand information you entered displays. An incorrect or
blank code generally indicates a wiring problem.

Notes: The most common wiring problem is the D0 and D1 wires being reversed. If you are getting inconsistent or incorrect codes, try swapping the D0 and D1 wiring.
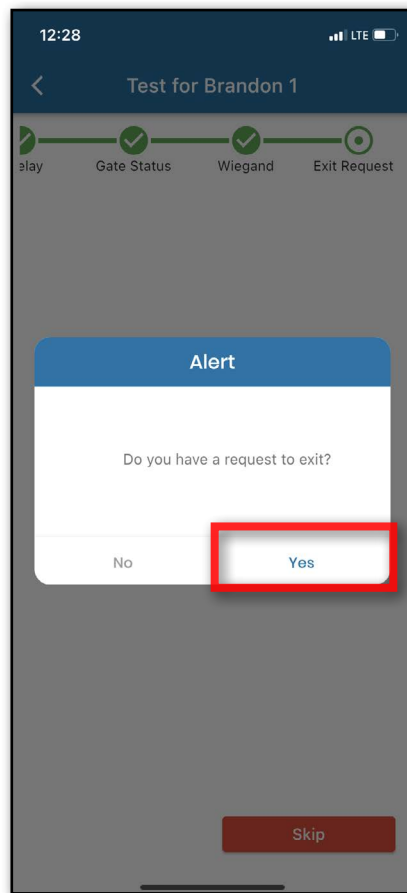
Tap "**Yes"** to test Exit Request.
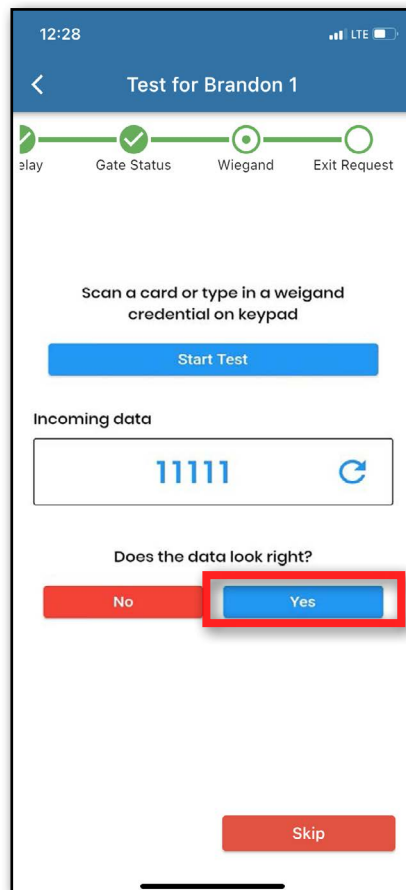
Notes: If the data is incorrect, you will need to troubleshoot.

Testing Request to Exit:

The app prompts you to send a Request to Exit to verify the process is working correctly. A pop-up asks if you have a request to exit. Tap "**Yes"**.

Notes: Request-to-exit (REX) devices are used in conjunction with access control systems to ensure that tenants are able to freely and safely exit an area.

Verify the Gate Status. Tap "**Yes**" if the command worked. The Gate Status should display **Open** or **Closed**. If the Gate Status is **Unknown**, the request to exit did not work and the system is not receiving data from the Omnipoint device.
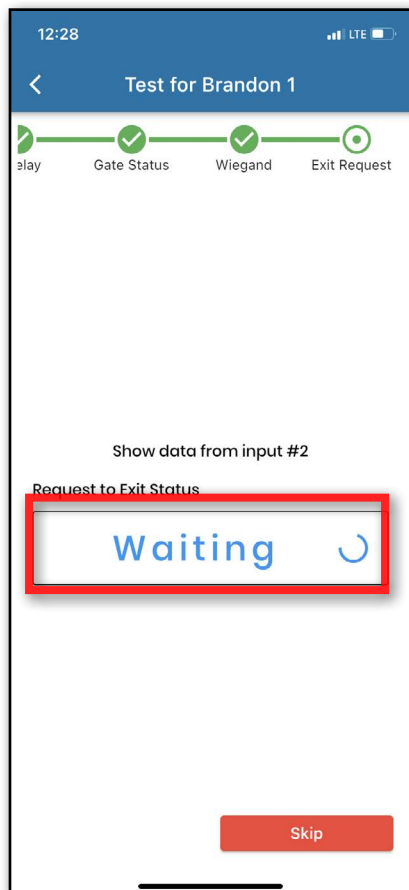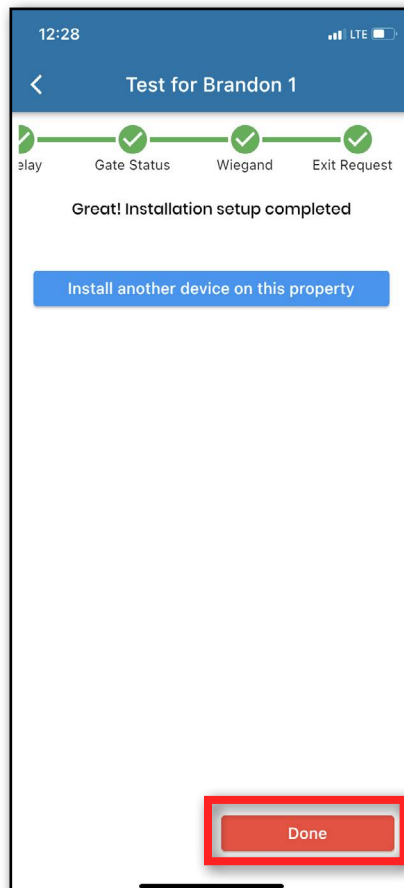

Notes: Open and close the door to ensure the status is correct.

Installing the next EPM:

If installation is successful, a message displays stating, **"Great! Installation setup completed."** If you want to install another device, tap Install another device on this property.
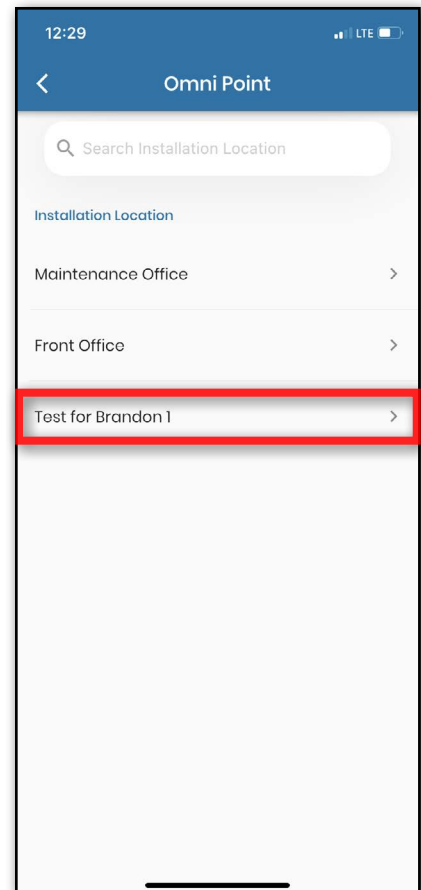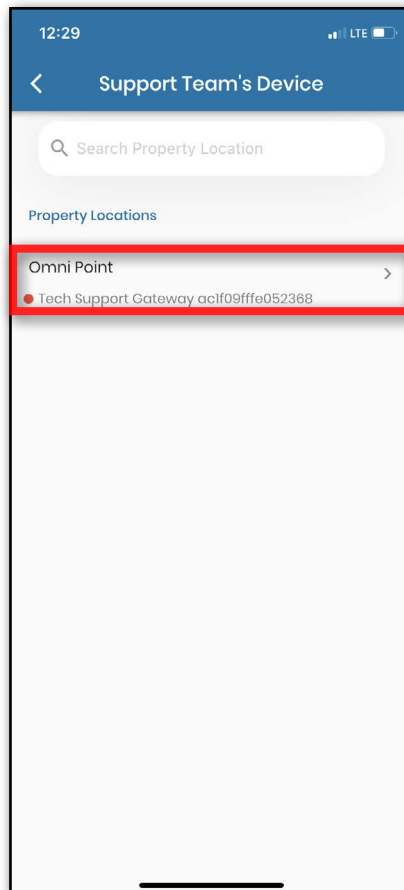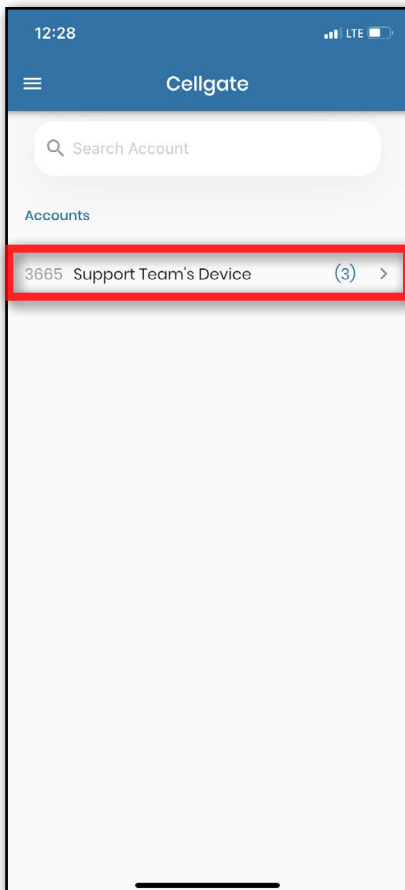

Notes: If you tap **Done**, you are returned to Account Selection on the dashboard.

Going to the Function Screen for Your EPM:

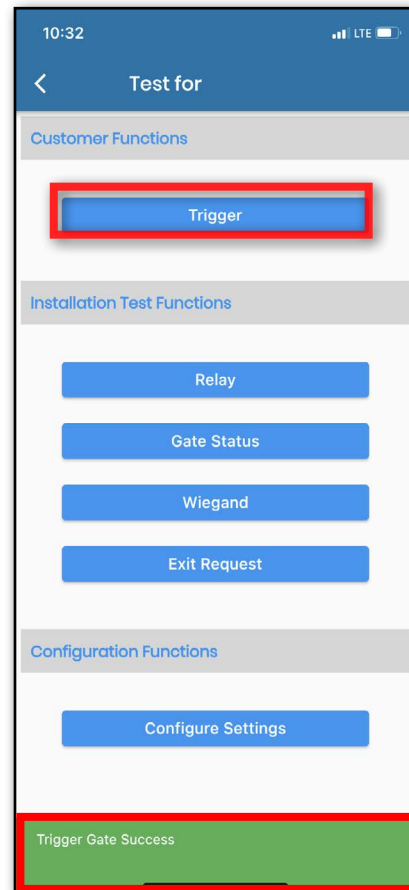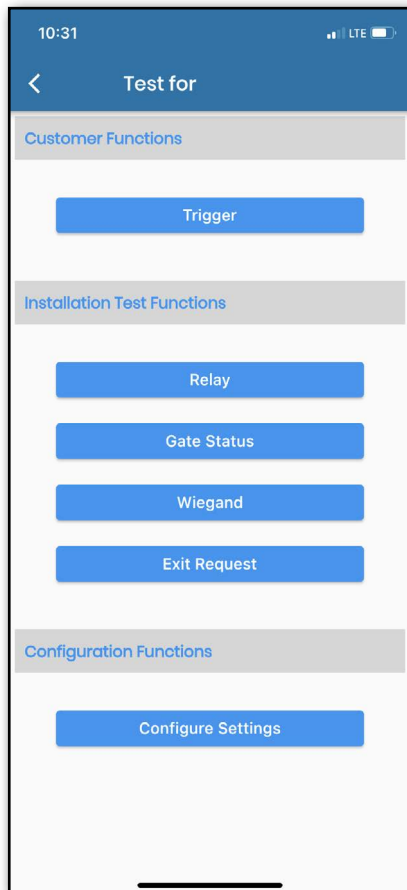Now click through your **Account**, **Property**, and then **Location**.

Notes: Your steps may vary depending on your Properties.

Test Your Relay:

Now you are on the main function screen for the EPM. Here you can do various tests, and also go back and change the settings that were configured previously.

Notes: