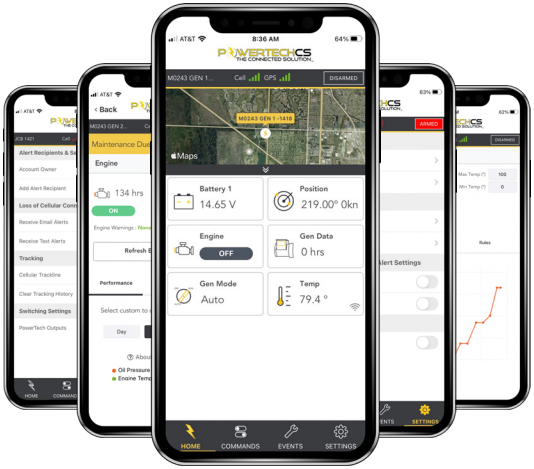
POWERTECHCS
THE CONNECTED SOLUTION™



PowerTechCS App Guide

Getting Started: Prior To Activation

Existing PowerTechCS Customers

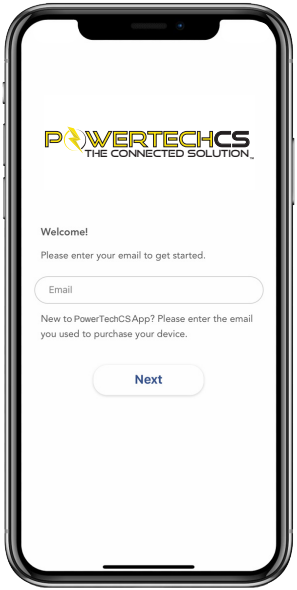
If you have previously paired your **ESN (serial number)** with your email please proceed to **Login**.

New Customers

If you have not yet created a customer account with the purchase of a subscription from theconnectedsolution.com, you will be prompted to do so during registration. You must enter the ESN of your PowerTechCS main device into your customer account on theconnectedsolution.com prior to activation.

Login

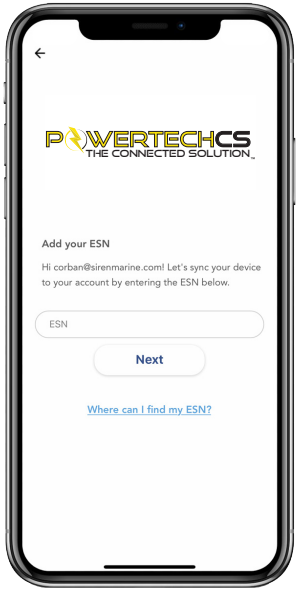
Upon launching the PowerTechCS App for the first time, you will be asked to **enter the email used to purchase your PowerTechCS device or subscription.**



Add Your ESN Number

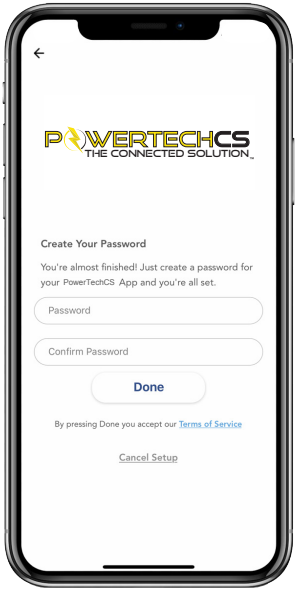
Your **Unit's ESN** can be found on the back of your PowerTechCS device or on the back of the packaging box.

If our records do not find an active subscription tied to your ESN, you will be directed to purchase a subscription at **theconnectedsolution.com**.



Create Your Password

Create your password that will be used when signing into the **PowerTechCS App.**

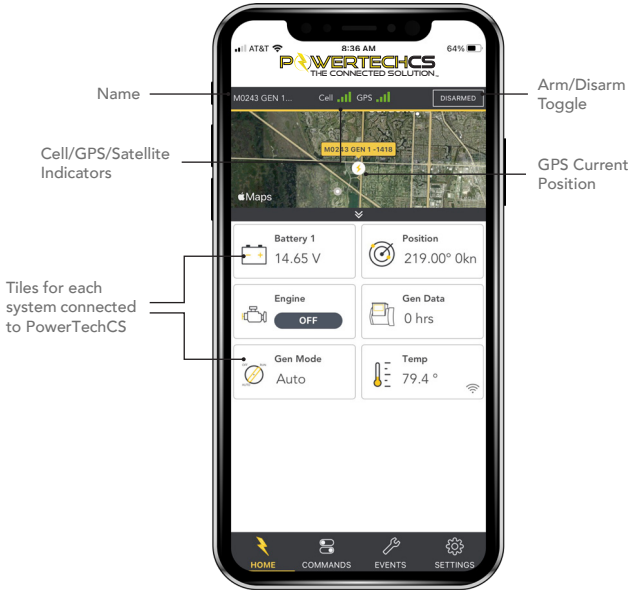


Get Started

You will receive a notification that your account has successfully been activated. Click **“Let’s Get Started”** to enter the app.

The Home Screen

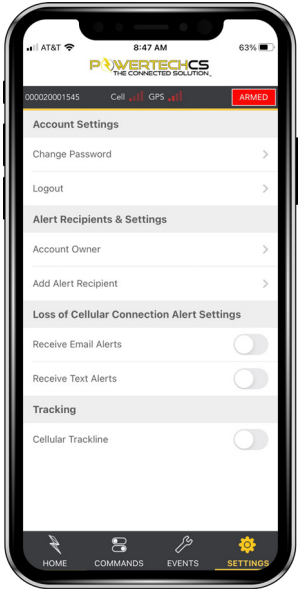
The first thing you'll see when you open the PowerTechCS App is the home screen. Here you can see all of the information in a simple, intuitive dashboard.



PowerTechCS App Settings

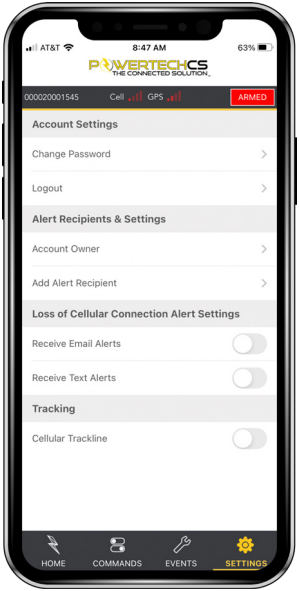
The **PowerTechCS App Settings** section of the Settings Page allows you to customize the PowerTechCS App to your preferences. Settings that can be adjusted include:

- Temperature Scale
- Speed Units
- Home Screen Settings
- Arm Aboard Settings
- Wireless Sensor Settings
- J1939 Device Settings



Account Settings

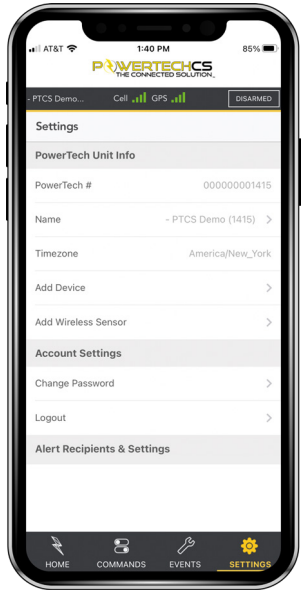
The **Account Settings** section of the Settings Page allows you to change your password or log out of your account.



PowerTechCS Unit Info

The **PowerTechCS Unit Info** section shows your unit's ESN #, the name of your vehicle, and your preferred time zone.

You can also add a **new device** to your account, add a **wireless sensor**.

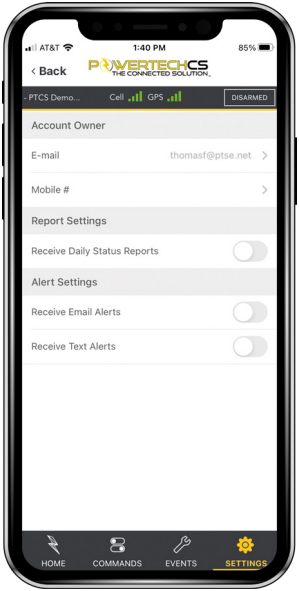


Adding An Account Owner

To enable email and text alerts, select **Account Owner** from the **Alert Recipients & Settings** section of the Settings Page.

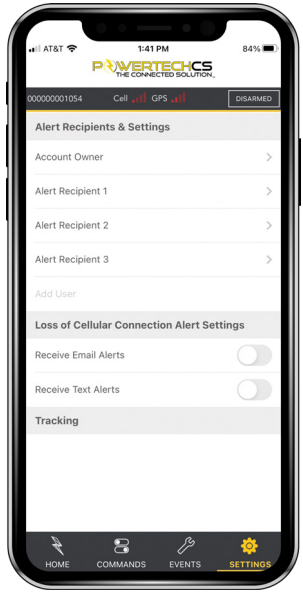
Here you can enter your mobile phone number and enable overall text message alerts (you must also enable text alerts for any systems for which you would like text alerts from the rules page of that system).

After selecting the account owner, you can add up to three additional alert recipients.



Alert Recipients & Settings

The **Alert Recipients & Settings** section allows you to set up an account owner and up to three additional alert recipients. Alert settings can be customized for each alert recipient.

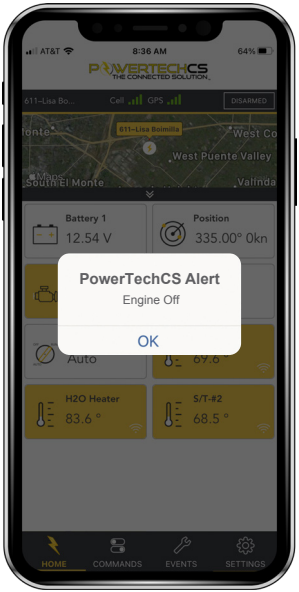


Notifications / Alerts

The PowerTechCS App is designed to alert you to changing conditions aboard your vehicle by sending **live app notifications.**

You can also choose to be notified via **Text Message or Email** by entering your contact information on the Settings Page.

***Note:** When prompted, be sure to **allow PowerTechCS to send notifications.**

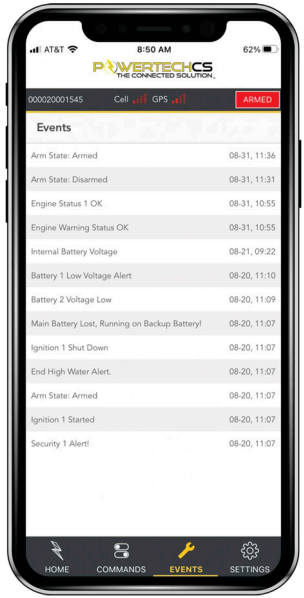


Events

The **Events Page** lists all alerts from every sensor that is being monitored by your PowerTechCS unit.

Every alert will display a timestamp and the date the event occurred.

***Note:** Events are stored in the PowerTechCS App for 30 days.



Adding A Wireless Sensor

To **Add a Wireless Sensor**, select Add Wireless Sensor from the **PowerTechCS Unit Info** section of the settings page. The app will access the camera on your mobile device – use the camera to scan the QR code on the back of the sensor.

Once scanned, name and identify the sensor type and then select **Add**.

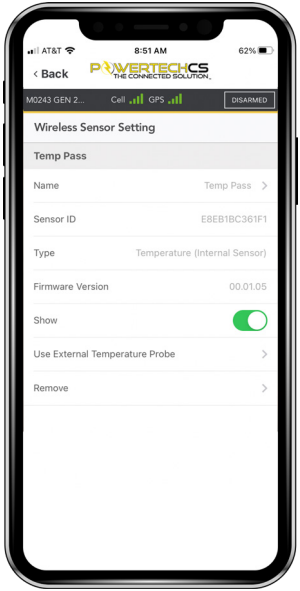
Once added, the wireless sensor will automatically appear on the **Home Screen**.

Wireless Sensor Settings

Wireless Sensor settings such as name, type, and internal or external temperature probe can be viewed and adjusted from within the app.

Select **Wireless Sensor Settings** from the settings page of the app to view all currently paired wireless sensors.

You can also **remove** a wireless sensor by selecting **Remove** at the bottom of the page.

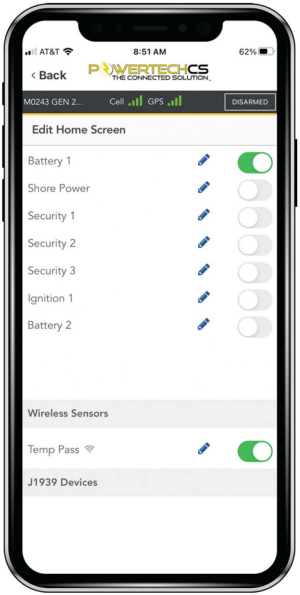


Edit Home Screen

You can edit your Home Screen to add or remove sensor tiles. These settings only apply to hardwired sensors as some devices, such as wireless sensors, will automatically populate tiles once initiated.

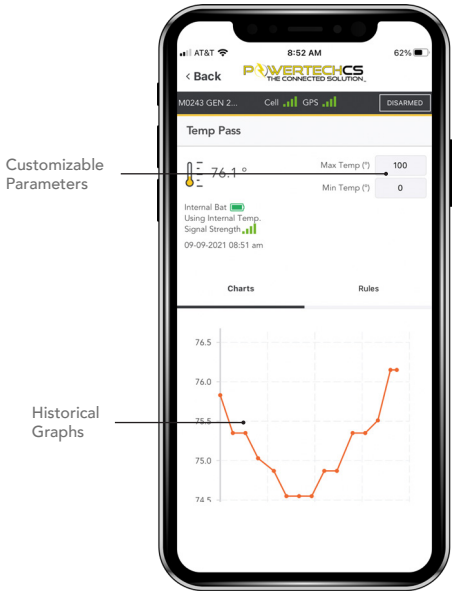
Edit your Home Screen by selecting **Home Screen Settings** from the **PowerTechCS App Settings** section of the Settings Page.

***Note:** Some sensor icons may not appear on your Home Screen upon initial app launch. Be sure to add the sensor tiles of the sensors you have connected.



Tile Detail Pages

Each tile on the dashboard can be clicked on to see more detail. On the **tile detail pages**, you can set **parameters** for the associated sensor and view **historical graphs** (where applicable) of data from that sensor.

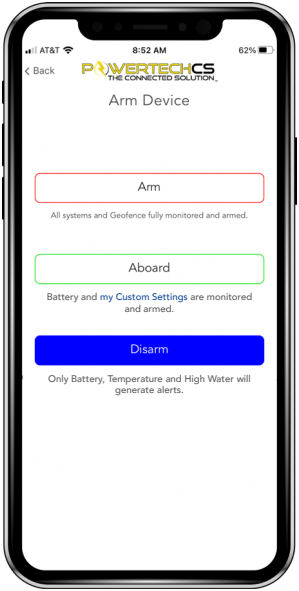


Arm Device

Arm and Disarm your system by selecting the **Arm/Disarm Toggle** on the top right of your Home Screen.

Set your system to **"Arm"** while you are away to receive notifications for security breaches and other pre-selected alerts.

***Note:** For steps on how to customize the "arm aboard" settings, see page 21.

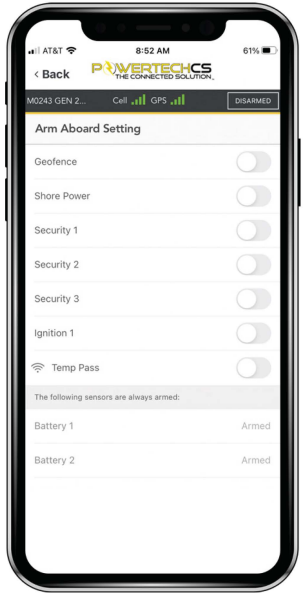


Arm Aboard

Edit what sensors are being included in your Custom Arm Sequence by selecting **Arm Aboard Settings** from the **PowerTechCS App Settings** section of the Settings Page.

Disarm Device

Set your system to "**Disarm"** to disable alerts on all sensors with the exception of battery and monitoring. PowerTechCS considers battery, and monitoring alerts to be critical and cannot be disabled.



Setting A Geofence

To **Enable the Geofence** or change your geofence settings, tap on the **Position Tile** on the **Home Screen** of the PowerTechCS App. There are three settings:

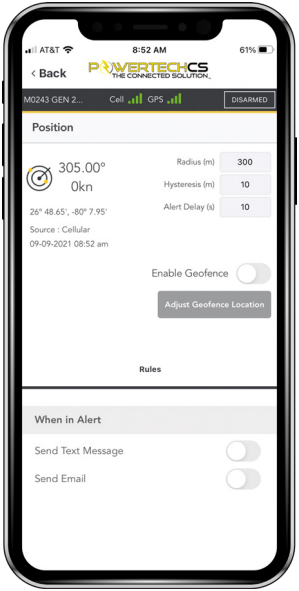
Radius
The radius in meters, centered on your vehicle. If the vehicle leaves this radius you will receive an alert.

Tolerance
This setting is designed to mitigate false geofence alarms due to small movements.

Alert Delay
Time in seconds that the vehicle must be outside the geofence before you will receive alerts.

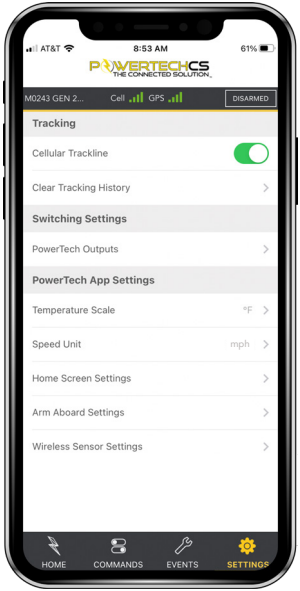
To enable the geofence, slide the toggle for Enable Geofence to the right.

***Note:** In order to receive geofence alerts, the toggle must be on and the device state must be set to Armed (or Arm Aboard if you have geofence selected as part of your aboard sequence).



Tracking

The **Tracking** section of the Settings Page allows you to toggle bread-crumb tracking (viewable when you click the map on the homescreen) and clear tracking history.



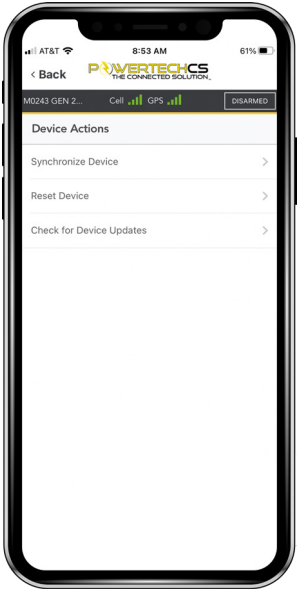
Device Actions

If your device has been powered down for an extended period of time or does not seem to be transmitting data to the app, it may be necessary to perform one or more of the following device actions:

Synchronize Device
Select this action to synchronize your PowerTechCS App and main device with the cloud server.

Reset Device
Select this action to perform a power cycle (soft reboot) of the main device.

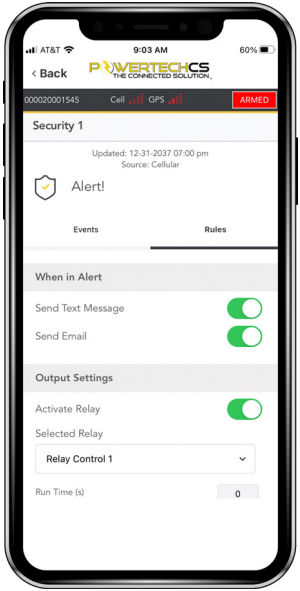
Check for Updates
PowerTechCS periodically sends over-the-air firmware updates to units in the field. Select this action to check for and download firmware updates.



Output Settings

Position/Geofence, Temperature, Switch 1 & 2, and Security 1 & 2 can trigger one of the three outputs on the main device to activate accessories such as sirens/alarms, strobe lights, air conditioning, heaters, etc.

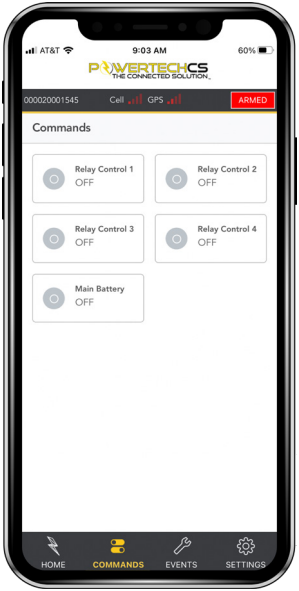
From the Home Screen of the app, select the **System** or **Tile** to which you would like to apply rules. Select **Rules**, then select the corresponding Output/Relay that you would like activated when the system is in violation. You can select a run time (in seconds) for which you would like the output to stay on.



Commands

The **Commands** Page allows you to control systems that you have connected to the outputs of your PowerTechCS device. Toggle each connected system on/off by clicking the switch next to its name.

***Note:** Connected systems will automatically be added to this page, but can be renamed by selecting **"PowerTechCS Outputs"** under **Switching Settings** on the **Settings Page**.

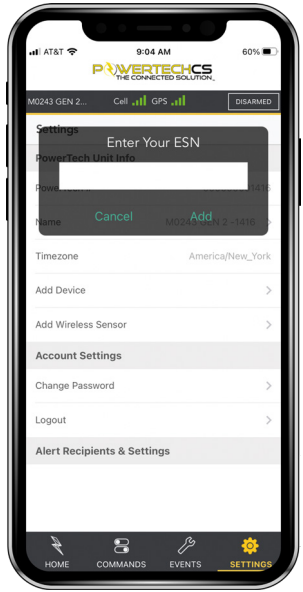


Adding Additional Vehicles To Your Fleet

To **Add Additional main devices,** select **Add Device** from the settings page of the PowerTechCS App.

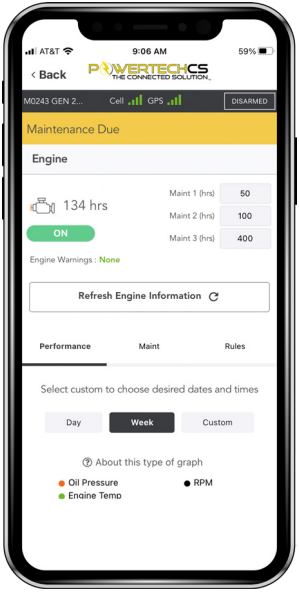
Enter the ESN of the main device you want to add to your account and select **Add**.

***Note:** Each main device on your account must have an active subscription.



Setting Engine Maintenance Alerts

To set Engine Maintenance Alerts, select an engine from the **Home Screen** of the app. You can set three separate alerts and you will be notified when the engine hours have been exceeded. To reset the hours on one of your alerts, tap on the circular blue arrow.

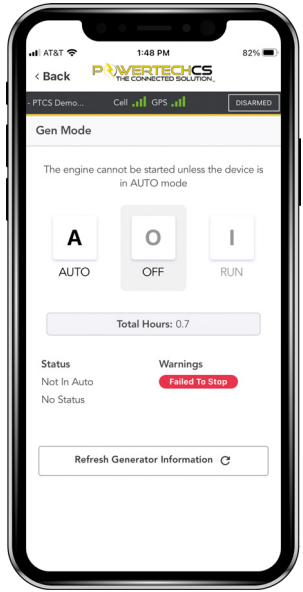


Gen Mode

To start the generator, first select "Auto" and confirm, then press "Run" and confirm.

To stop the generator, press "Off" and confirm.

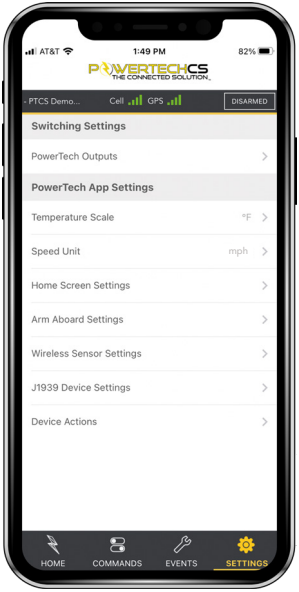
Note: The generator can only be started from the local controller unless it is in "Auto" mode.



Switching Settings

The **Switching Settings** section of the Settings Page allows you to change the names of **PowerTechCS Outputs** and change the order of **Digital Switching Modes & Circuits**

***Note:** Adjusting Digital Switching Modes & Circuits requires connection to a digital switching system.



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