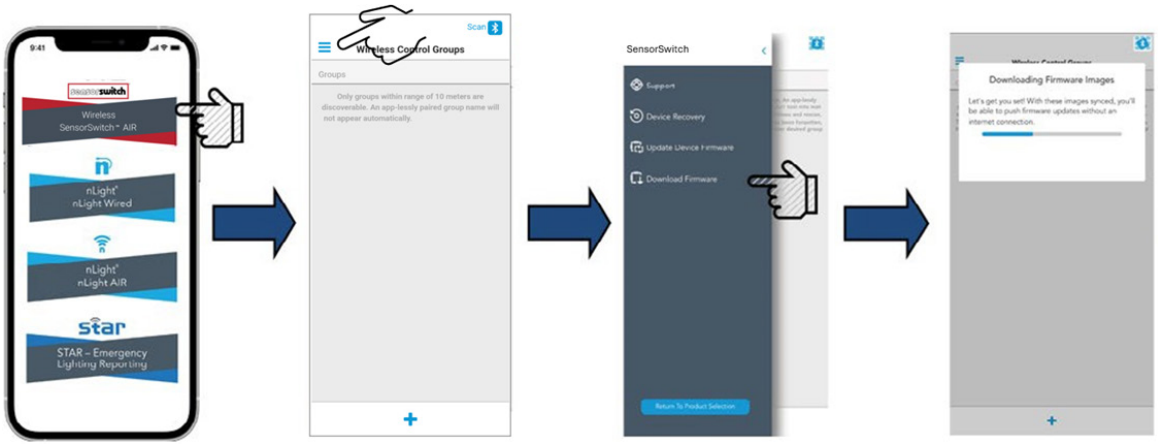
CLAIRITY™ + Application
Quick Start Guide

The CLAIRITY + mobile app and SensorSwitch™ micro-app, allows users to start up, configure and troubleshoot SensorSwitch™ AIR groups from a compatible smartphone or tablet. The CLAIRITY + mobile app is optimized for efficient onsite startup and maintenance activities. It allows users to easily modify the settings and installation sequence of operations. Multiple users may use the CLAIRITY + mobile app simultaneously to reduce on-site startup time.

Please be advised: Do not background the app while updating firmware, creating a group, or adding devices.

Update Firmware

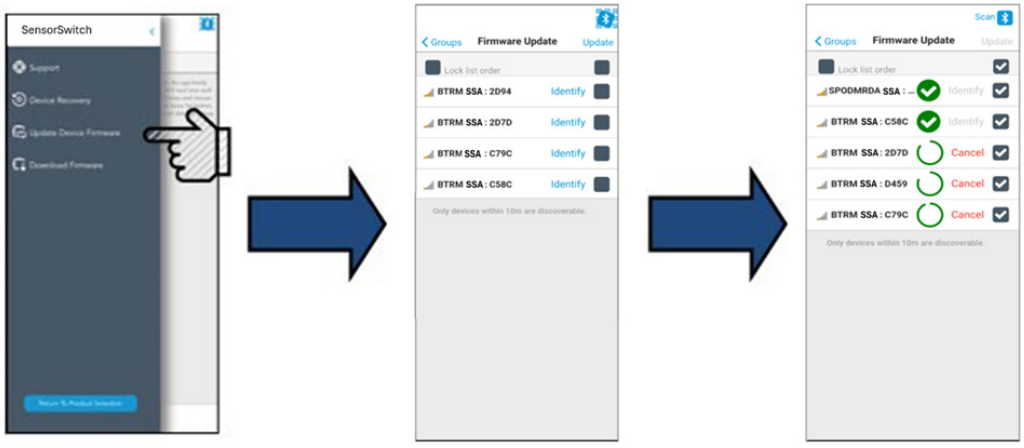
Updating firmware is generally a good practice; however, it is not always necessary. If you will like to do so, first download the firmware image to your mobile device as shown below.



SensorSwitch Micro-App | Menu (shown as 3 lines) | Download Firmware | Wait until "Download Complete"

Push Firmware Update to Devices

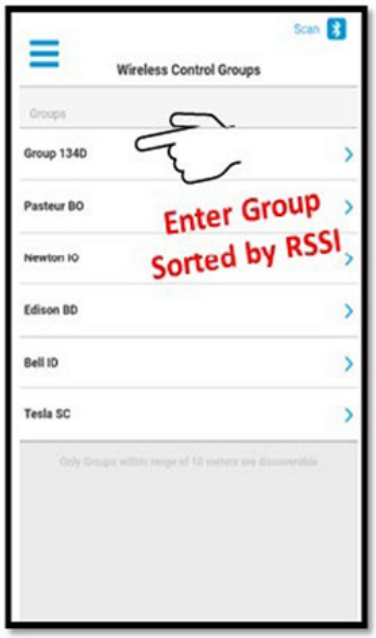
The app will compare the downloaded firmware image to the device firmware image. Only devices with outdated firmware will populated.

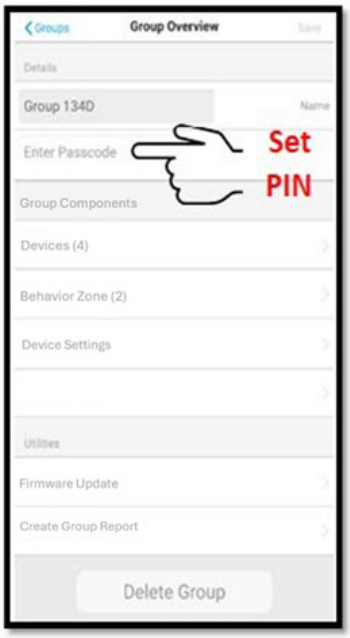


Update Device Firmware | Devices Populate Automatically | Select and Update Firmware

Add Mobile to Existing Provisioned Group

To add mobile to a provisioned group, first start active configuration mode for that device. Next, press the device button 8-times, which will enable Acuity Config-GATT and allow the mobile to join the provisioned group. The group will have a generic name as shown in the example below.

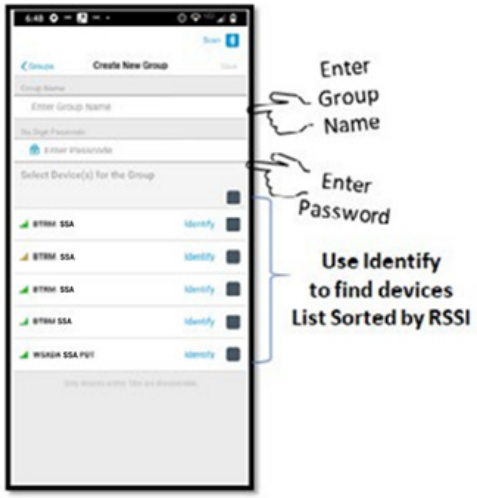




Create a New Group

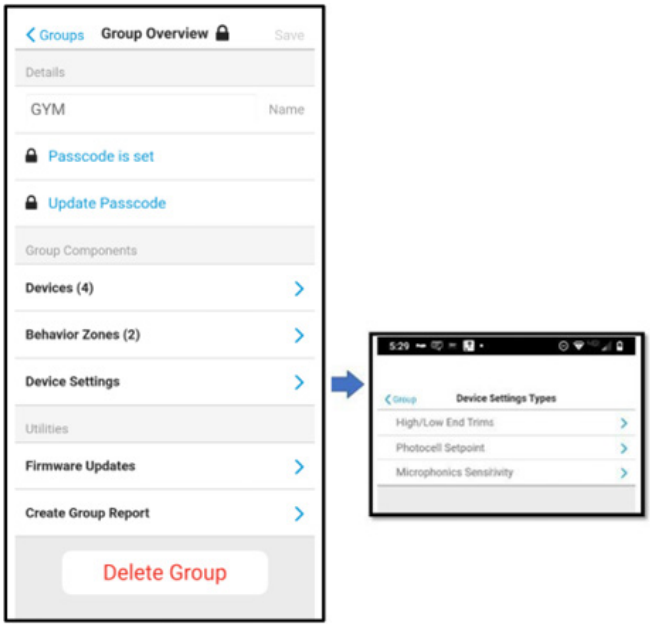
Typically, a group is created for each space. A SensorSwitch AIR group cannot contain more than 40 devices.
To create a new group, follow these steps:

- **STEP 1:** Tap on the + icon on the Groups screen.
- **STEP 2:** Enter a name for the group and a 6 digit PIN. The group name is typically going to be the name of the room.
- **STEP 3:** Tap the Create button.
- **STEP 4:** You will then be taken to the Group Overview screen for the group that you created.
- **STEP 5:** If you wish to edit a different group, select the Group icon in the top left to navigate back to the Groups screen.

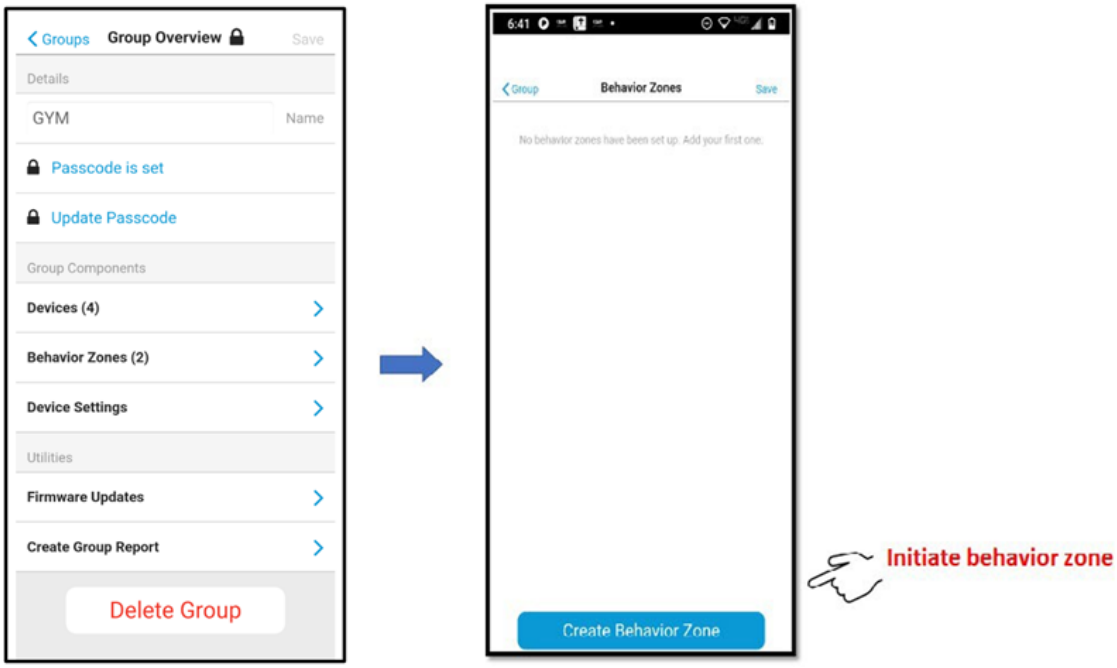


Intuitive Individual Device Settings

1. **High and Low Trim**
   a. High Trim refers to the maximum light level that an output device can achieve.
   b. Low Trim refers to the minimum light level that an output device can achieve.
2. **Photocell Set-point**
   a. The photocell set-point is the light level threshold value the sensor will maintain during daylight harvesting.
      i. If daylight illumination increases above set-point the luminaire will automatically dim.
      ii. If the daylight illumination decreases below set-point, the luminaire will increase its light output.
   b. WSXA SSA will operate in inhibit mode only.
      i. The ambient light level at the sensor prevents the lights from initially turning on. Once lights are on they will remain on until the space becomes unoccupied (occupancy time delay expires and turns lights off).
3. **Microphonics Sensitivity**
   a. Alters occupancy detection sensitivity.



Create Behavior Zone

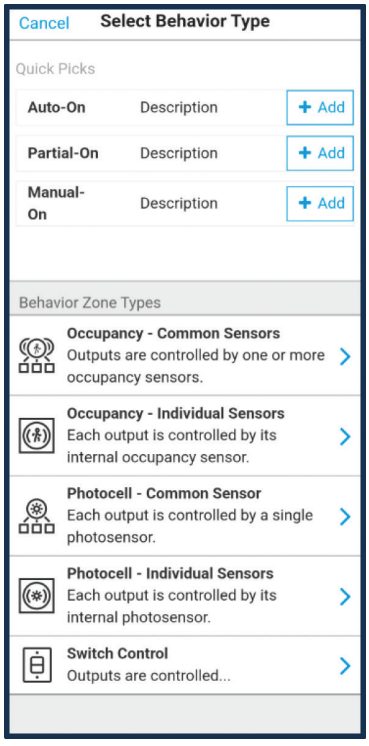


Zone Behavior Explained

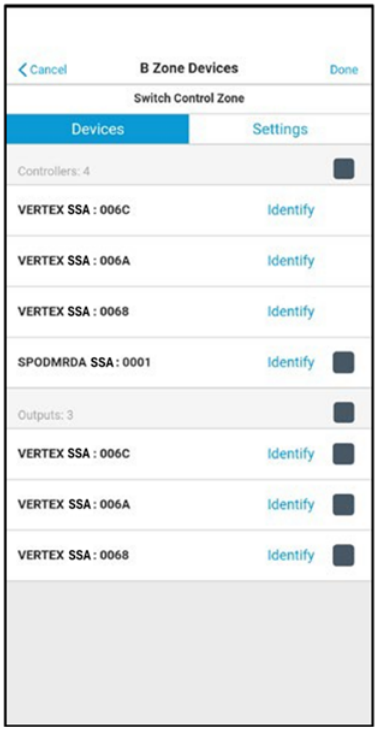
1. **Switch Control: On / Off / Dim**
   a. Can be applied to any group that has at least one one switch.
   b. You may select turn on by: Turn on to brightest Level (high trim level) or keep dim level when the "on" button is pressed.

2. **Occupancy**
   a. Can be applied to any group with at least 1 sensor.
   b. Configurable parameters include:
      i. On Mode:
         A. Occupancy (Auto on) - lights will turn on when at least 1 sensor in the zone sees motion. Lights will dim down after "X" minutes of no activity.
         B. Switch (Manual On) - Lights must be turned on via a switch. Lights will dim down after "X" minutes of no activity.
         C. Turn on to xx% when occupied
      ii. Dim to % - The level the lights will dim to after "X" minutes of no activity.
      iii. After "X" minutes of no activity - The time delay between the sensors no longer sensing motion and the lights dimming to the dim to %.
      iv. Turn off time - The time delay between the dim to light level and the lights turning off. Total time between no motion and the lights turning off is the sum of the turn off time and the dim after time.
         A. Immediately after sending programming values to the luminaire, the luminaire require a 5-minutes to synchronize before following the programmed time outs.

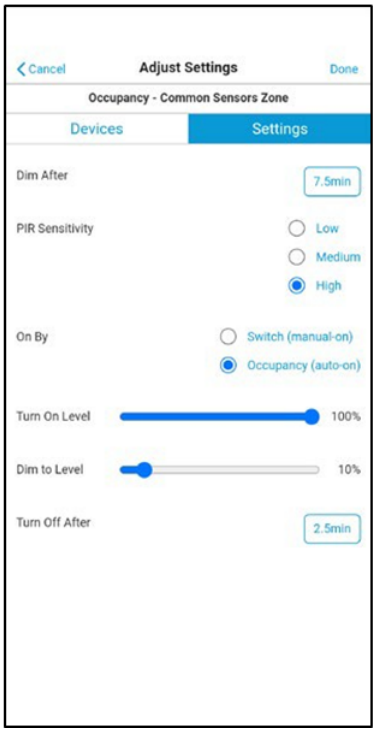
3. **Photocell**
   a. Each occupancy sensor includes a photocell standard.
   b. Zone control, can be applied to any group with at least 1 sensor.
      i. Common Sensor – Each output is controlled by a single photosensor.
      ii. Individual Sensor – Each output is controlled by its internal photosensor.



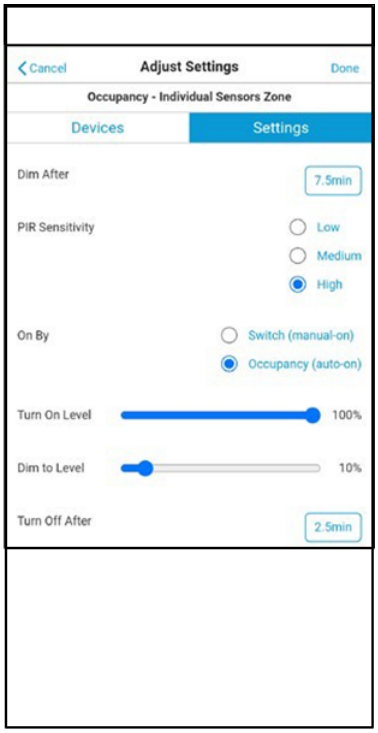
Behavior Zone Options



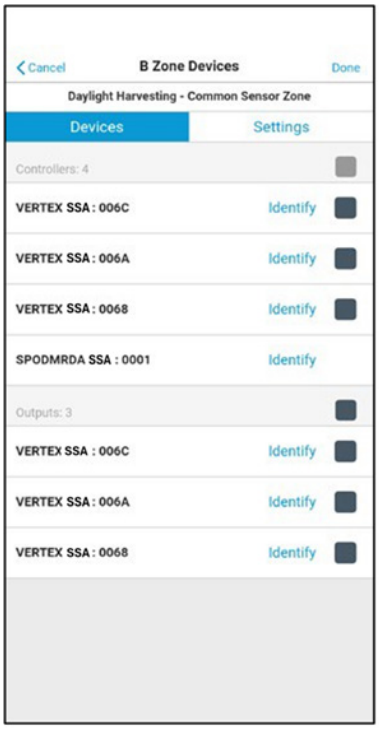
Switch Control



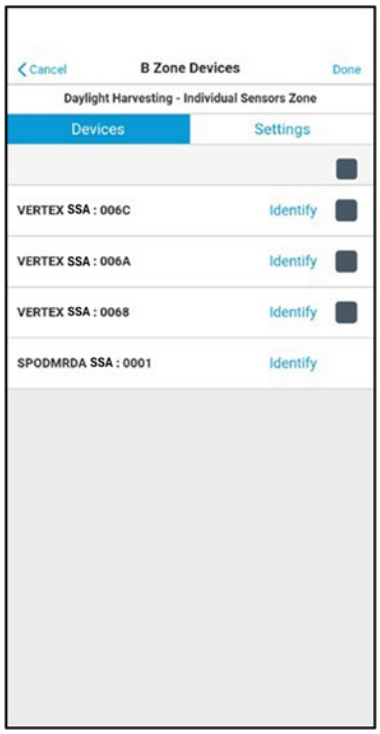
Occupancy
Common Sensors



Occupancy
Individual Sensors



Photocell Common
Sensors



Photocell Individual
Sensors

Must choose one control device.

Create Group Report

The "Create Group Report" section provides a summary of deployed group details, including group size, device settings, behavior zones, and other key information. The summary is generated in CSV format, which can be emailed for review. A report can also summarize an entire site with multiple groups, provided all groups share the same site name to ensure inclusion in a single report.