

Larry's Journey into Home Automation

Presented at the Pi Mobile Lifestyle SIG
February 27, 2016

My Motivation for Home Automation

- Tired of walking up-and-down stairs to turn off lights;
- Save energy by deploying “smart devices”;
- Have control over home resources even when not at home;
- Want to try out new technology;
- Have fun!

Larry's Initial Foray

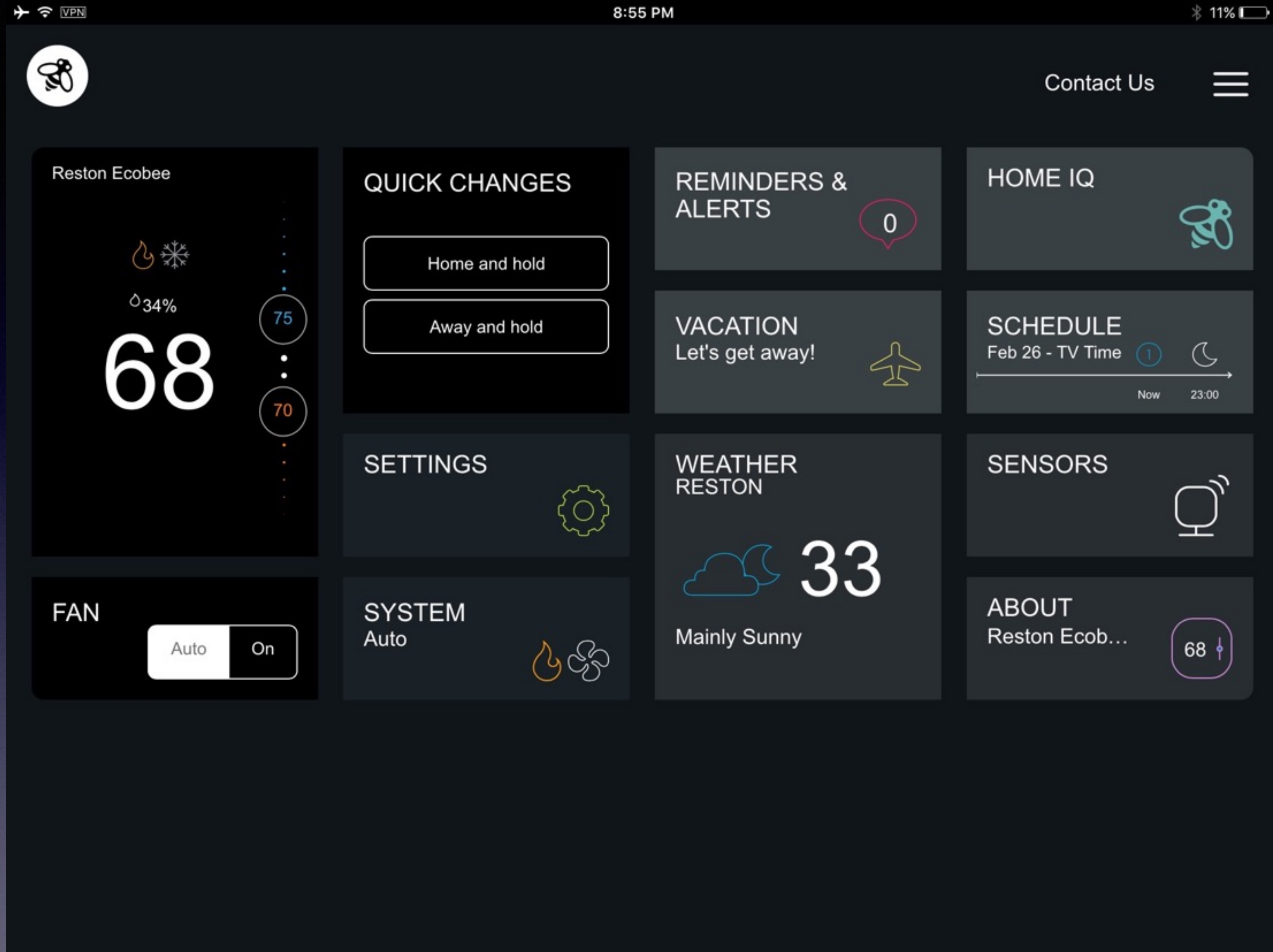
- My goal was to get devices compatible with Apple's HomeKit.
- I want to control devices securely over the Internet by using 3rd or 4th generation Apple TV. Apple TV handles **end-to-end encryption** from your iPhone/iPad to the home device.
- **Larry's Devices**
 - Ecobee3 Smart Thermostat (<https://www.ecobee.com>) [\$249 + Professional Installation]
 - Lutron Caseta Wireless Kit (<http://www.lutron.com/en-US/Products/Pages/SingleRoomControls/CasetaWireless/Overview.aspx>) [\$180] [Self-install]
 - ElGato Eve Room (<https://www.elgato.com/en/eve>) [\$49] [Self-install]
 - Schlage Sense Lock (<http://www.schlage.com/en/home/keyless-deadbolt-locks/sense.html>) [\$249 + Professional Installation]

Ecobee3

The Smart Thermostat

iPhone and iPad apps
Apple Watch Complication





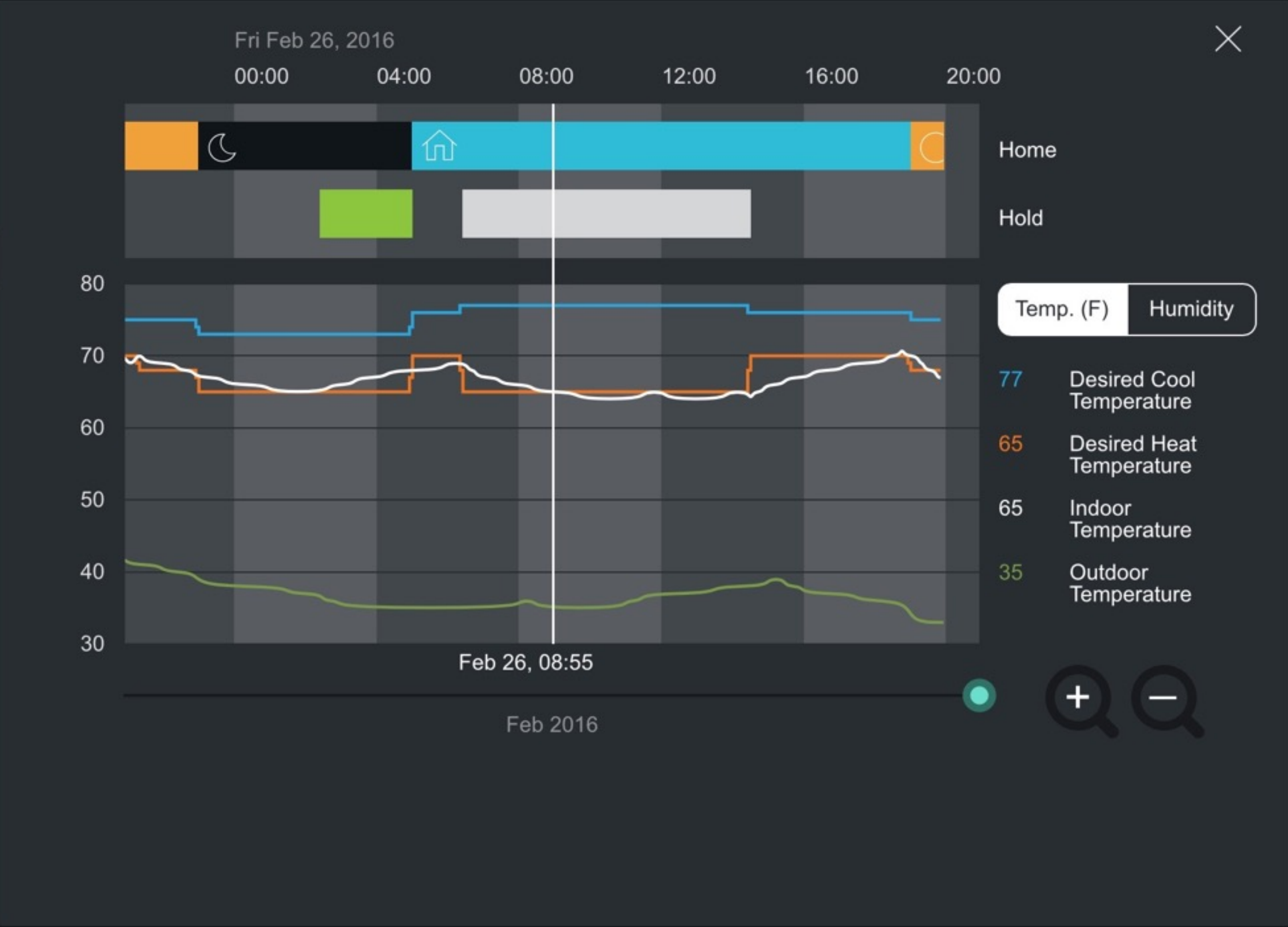
Ecobee3 Screen Shots
Taken on Larry's iPad



Ecobee3 System - Shows Heat, Fan, Aux Heat, Temperatures
Taken on Larry's iPad



- HOME IQ™
- System Monitor
- System
- Schedule
- Follow Me
- Weather Impact



Ecobee3 Schedule

Taken on Larry's iPad



Ecobee3 FollowMe show which rooms are occupied
Taken on Larry's iPad



Contact Us



HOME IQ™

System Monitor

System

Schedule

Follow Me

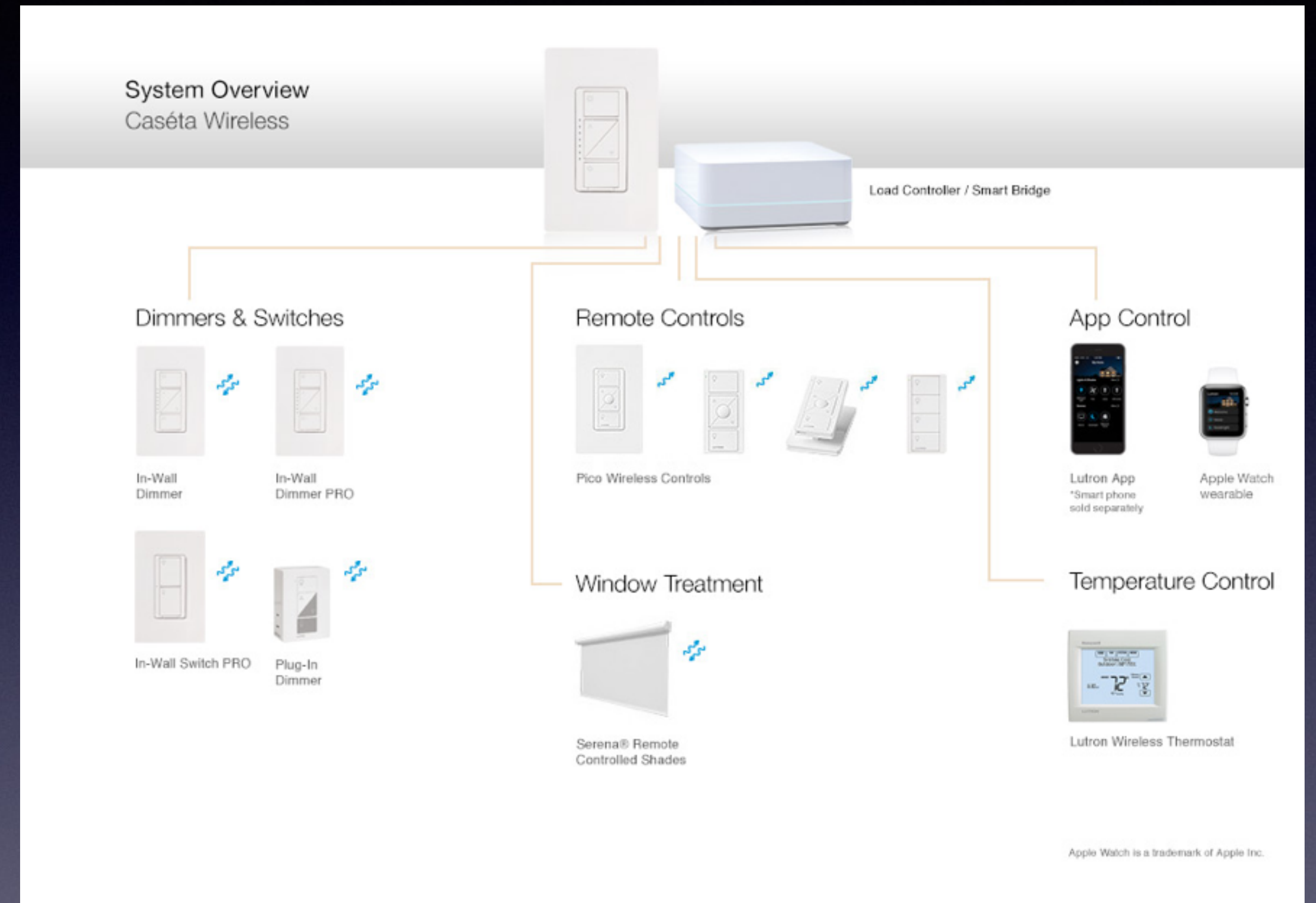
Weather Impact



Ecobee3 Weather Impact
Taken on Larry's iPad

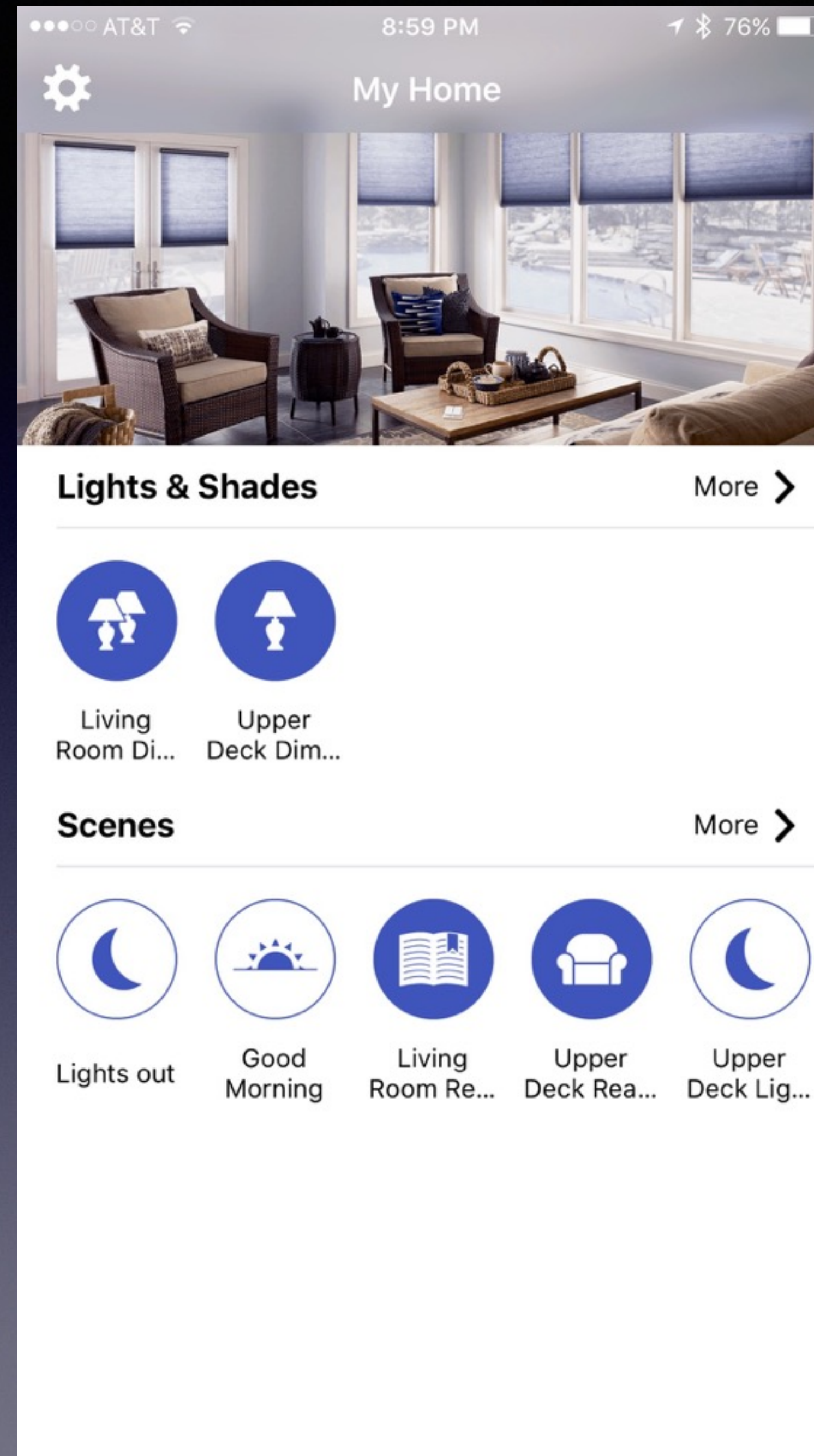
Lutron Caseta Wireless

Control all your lights, dimmers and shades via a smart hub.



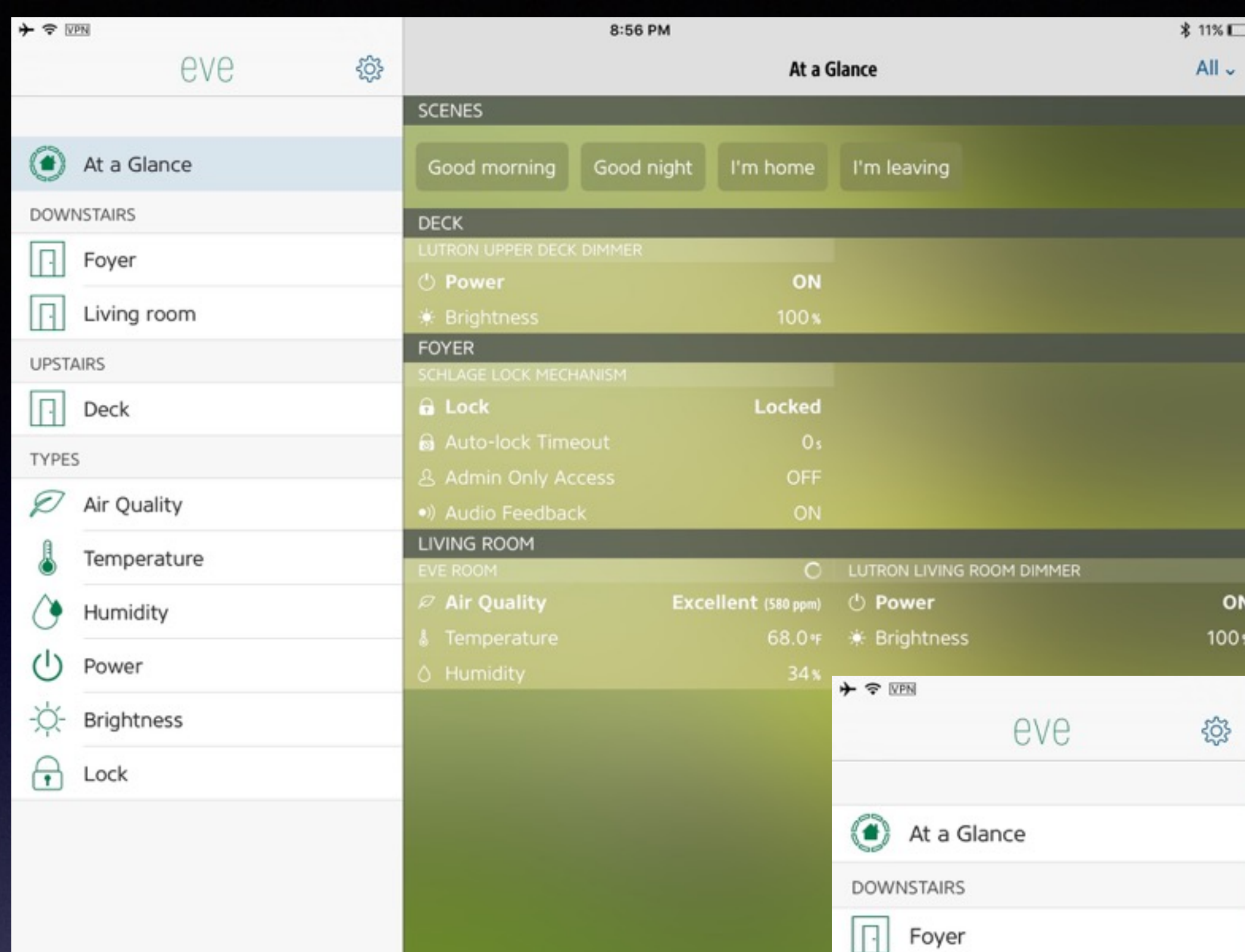
Lutron app

Taken on Larry's iPhone



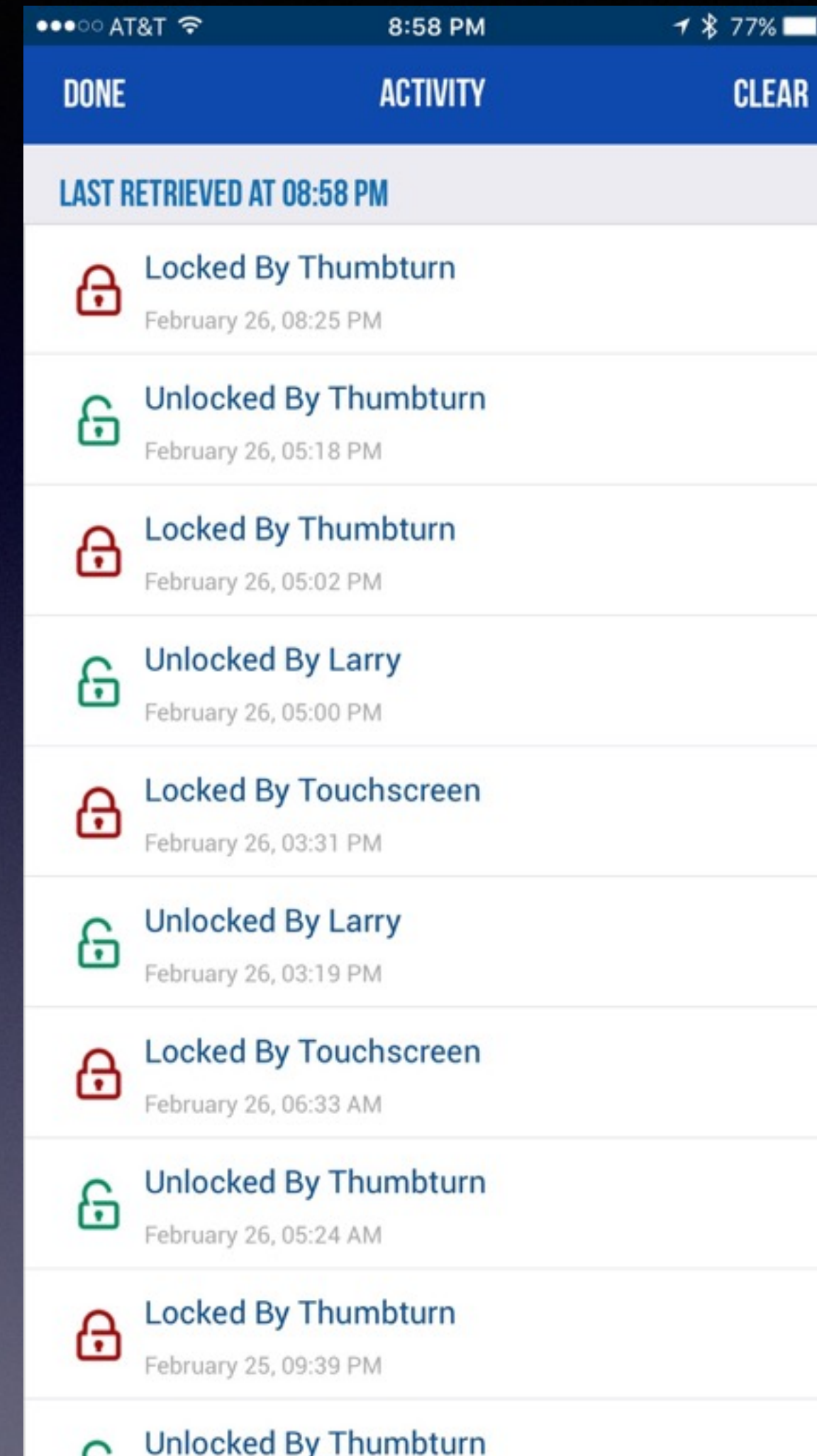
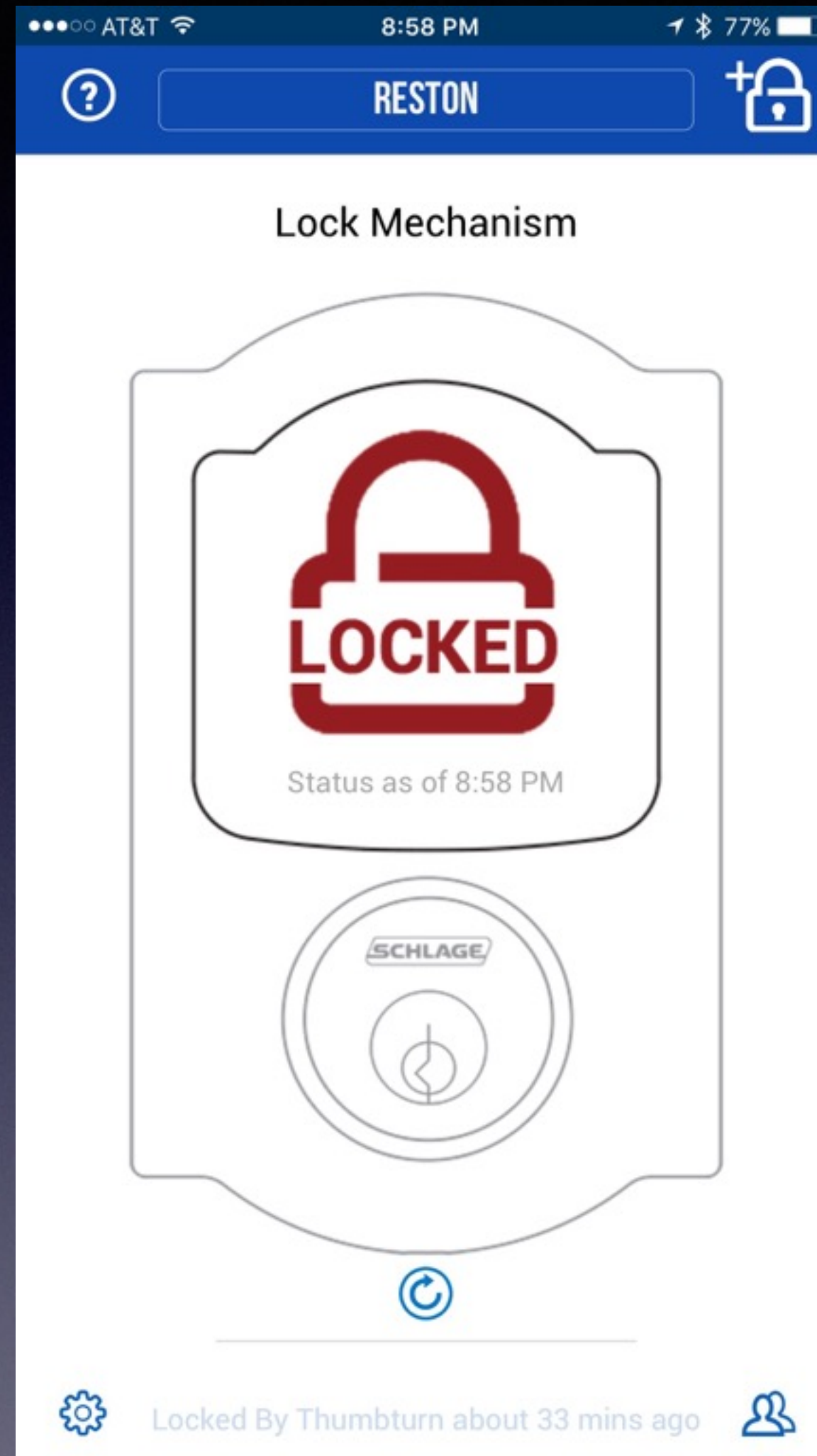
EiGato Eve Room

Monitor Air
Quality in your
home



Schlage Sense Lock

- Control the locking mechanism from your app over the Internet.
- Assign codes to people you want to have access to your house.



Home app

Configure your home into rooms, Zones, Scenes, and Triggers.

