



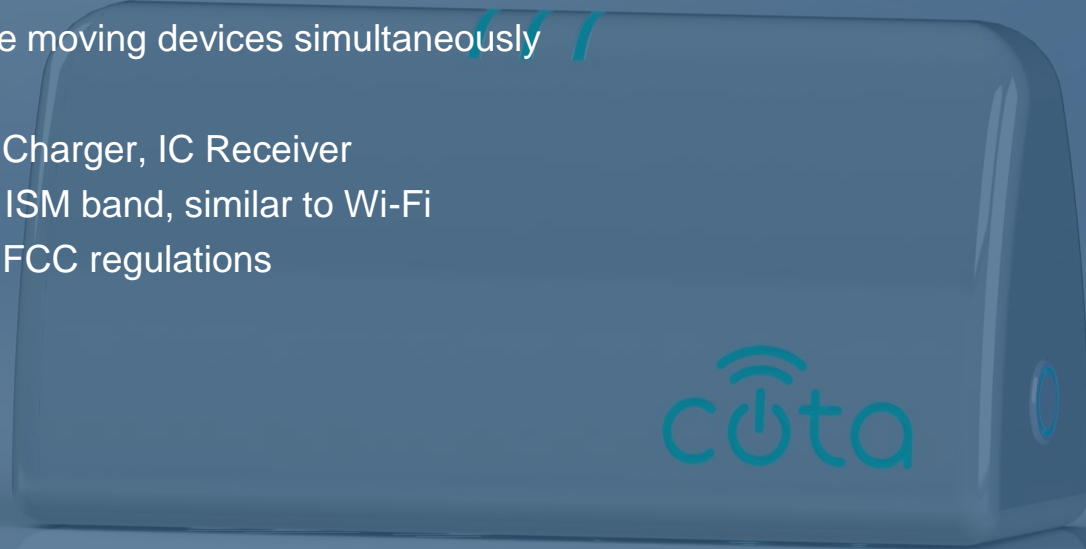
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Press Presentation, January 2015



Cota Overview

- Delivers wireless power at a distance: 1W@30ft or 0.5W@60ft
- Works around obstructions
- Charges multiple moving devices simultaneously
- Efficient
- Subwoofer size Charger, IC Receiver
- Utilizes 2.4GHz ISM band, similar to Wi-Fi
- Safe and within FCC regulations



Main Defining Features of Cota



POWERS AT A DISTANCE

- Powers devices at distances up to 30 feet
- Delivers power that is within the FCC regulations
- Knowledge of the location of the device to be powered is not necessary as it is not beam-forming
- Manage devices coming in or going out of range with the software capabilities of the system



NON LINE-OF-SIGHT POWER DELIVERY

- Efficient power delivery to devices anywhere within the 30-foot radius
- Inherently safe, as the non line of sight feature is designed to avoid absorption of energy by living tissue between the receiver and the transmitter
- Energy transmission within FCC limits
- System shut off when devices are obstructed by living tissue adding to the system safety design features



OMNIDIRECTIONAL ANTENNA

- Power is delivered to devices located in any direction relative to the Charger
- A critical feature since users may not know where the power delivery area begins or ends
- A safer design than a directional systems, since it can avoid people by discovering alternate paths vs. a directional system locked into specific directions



RECEIVER ORIENTATION

- Cota delivers power regardless of the device's orientation to the charger
- Devices can safely be in close proximity to a person (in a pocket)
- Device can be moving and changing orientation to the charger
- Efficiency of power delivery is not impacted by device orientation



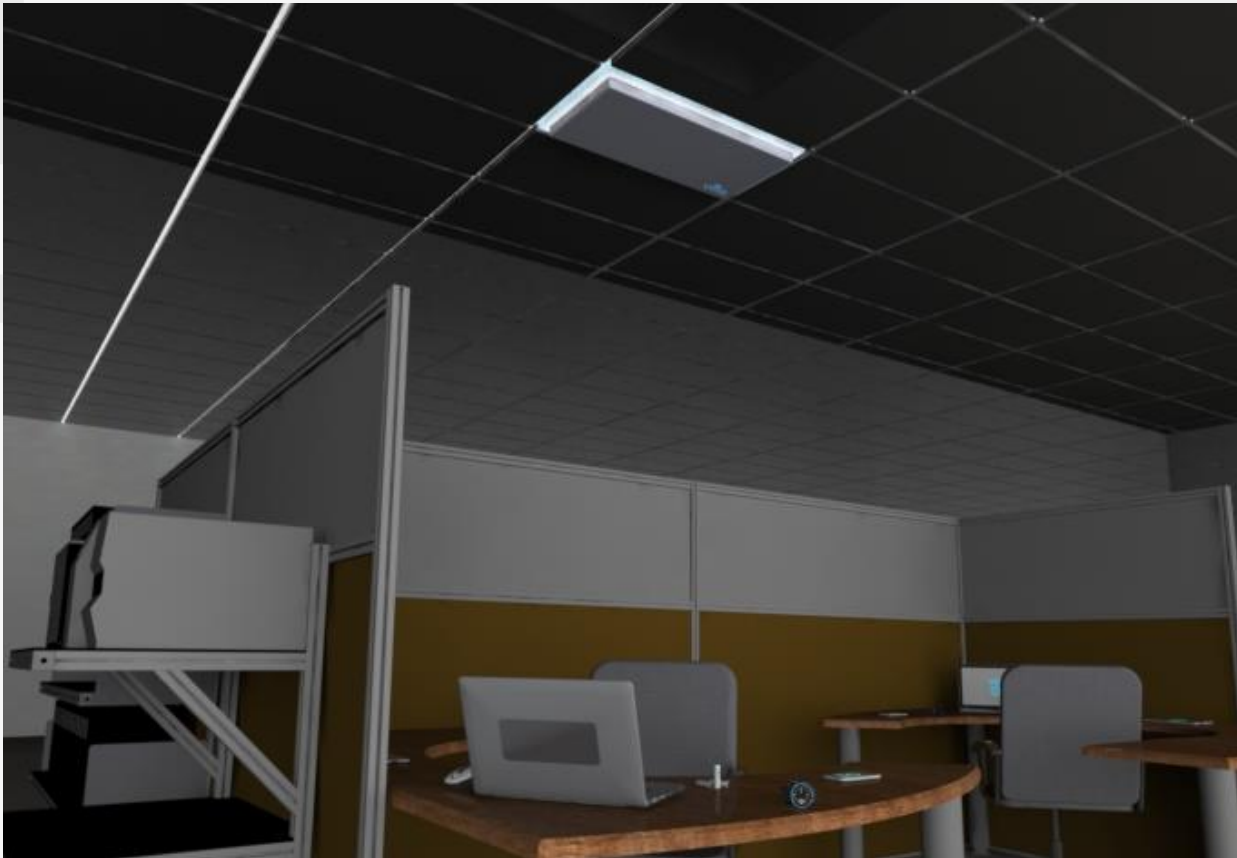
MULTI-USE RECEIVER ANTENNA

- Cota can leverage the existing WiFi-class antennas in the device

As a result, this...

- Reduces the size and complexity of devices
- Reduces part count and cost
- Makes form factor more manageable

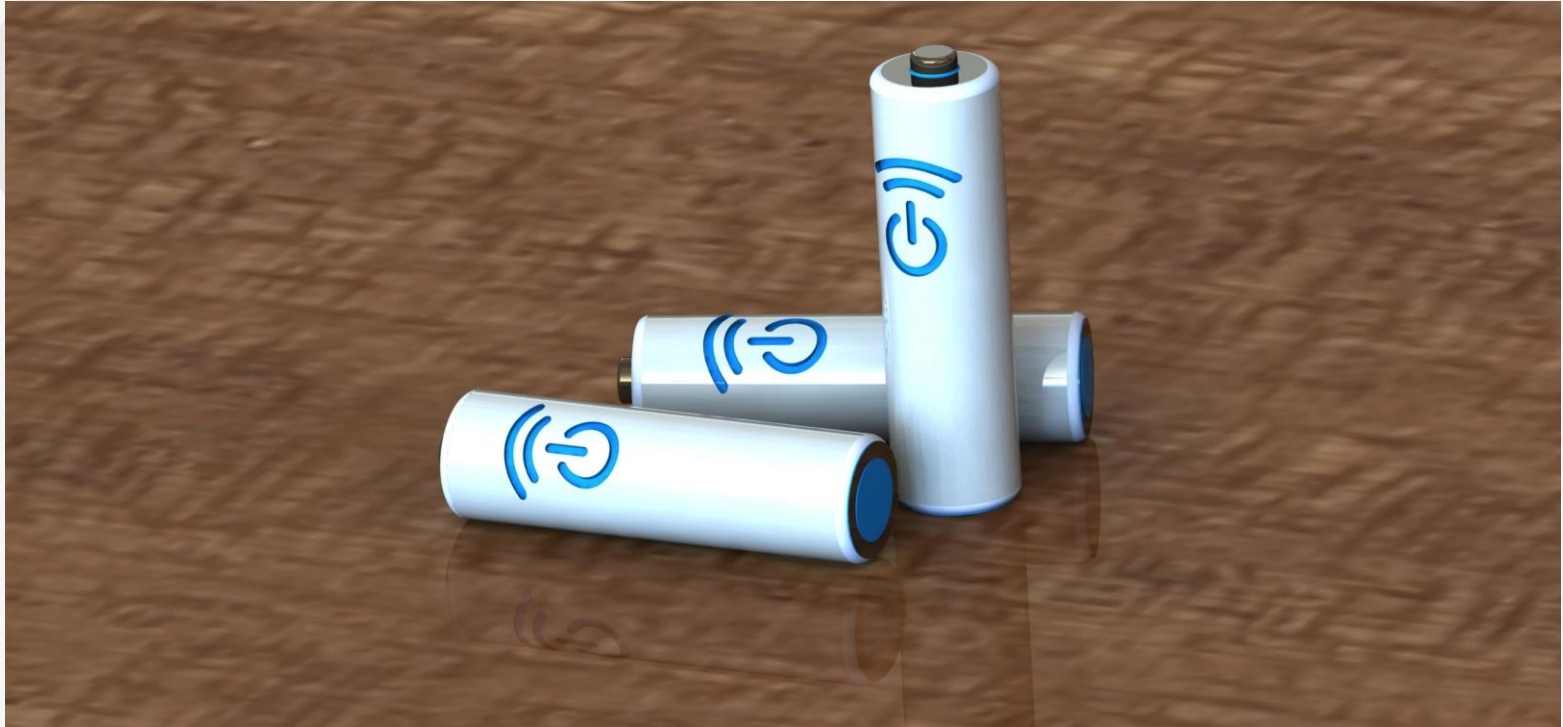
Cota Charger – Ceiling unit example



Cota Charger – Desk/tabletop example

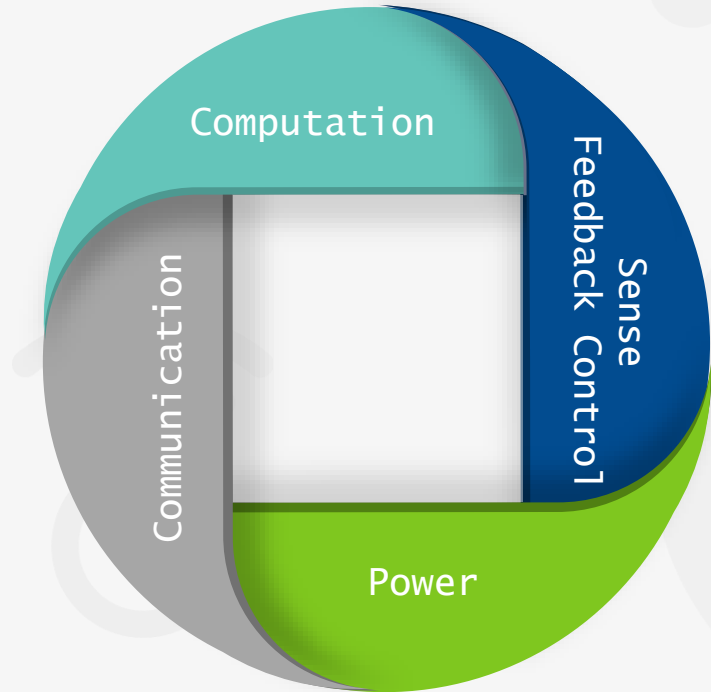


Cota self-charging battery



Internet of Things

Components of IoT



The IoT Power Envelop

The power availability impacts product design

