OSSIA™
REAL WIRELESS POWER

Company Overview

November 2017

Ossia: Pioneering Wireless Power Delivery

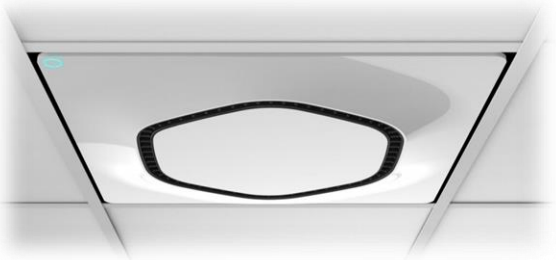
Our Vision	Establish cota as the global **standard** for the intelligent delivery of wireless power over distance
Our Experience	**Over 15 years** dedicated to the R&D of technology to deliver wireless power over distance
Our Results	The world's only available reference design and interoperability standard for safely delivering power wirelessly, backed by an extensive portfolio of **foundational IP** in RF power.

2010 - 2013

2014

2015

2016

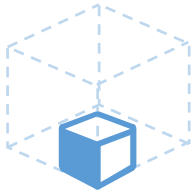


Wireless Power like Wi-Fi

Real Wireless Power:™ like WiFi- but instead of sending Data, Cota sends Power

At a distance – no wires or pads

Available everywhere in the presence of the Power Transmitter



Keeps the receiver device small

Smart, intelligent and secure

Wireless Power Technology Comparison

TECHNOLOGY	Distance	Non-line-of-sight	All Direction Transmission	Real-Time Client Tracking	Orientation Reception	Multi-Use Antenna Receiver	Commentary
cota	✓	✓	✓	✓	✓	✓	Broad range of applications from mobile devices to Industrial and IoT; the only proven non line of sight charging at a distance technology in motion
Beamforming RF	✓	✗	✗	✗	✗	✗	Lower power applications, technology enables less mobility than Ossia and has safety concerns
Induction/ Pad Charging	✓	✗	✗	✗	✗	✗	Pad Charging/ Qi requires contact to the pad to charge a device
Lasers/ Ultrasound	✓	✗	✗	✗	✗	✗	Mobile devices and IoT; suffers from NLOS limitations

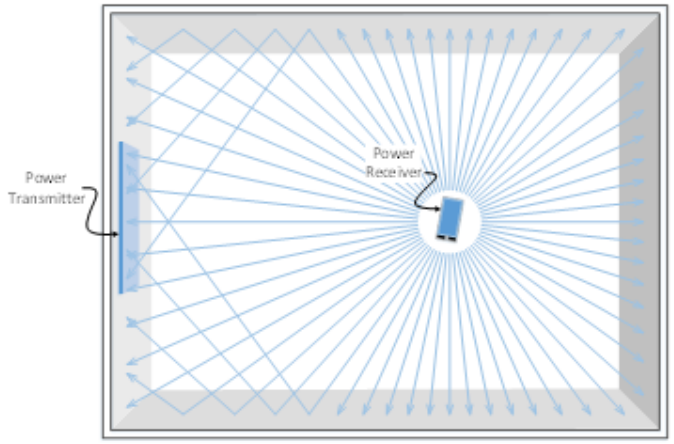


Figure 1: Power Receiver transmitting a Beacon Pulse when the most direct paths between the Power Transmitter and Power Receiver are unobstructed.

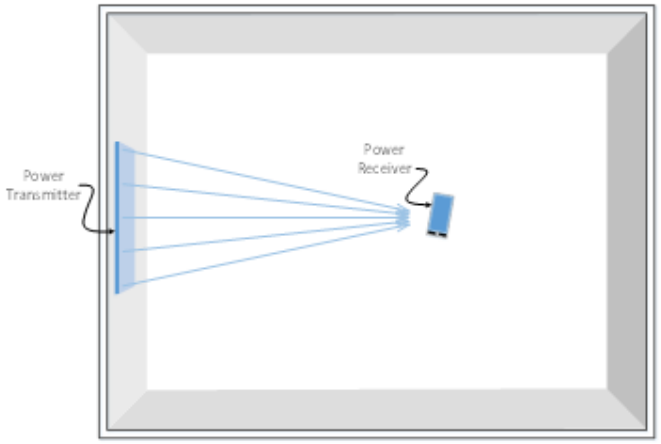


Figure 2: Power Transmitter sending power using a phase conjugate reflection of the Beacon Pulse when the most direct paths between the Power Transmitter and Power Receiver are unobstructed.

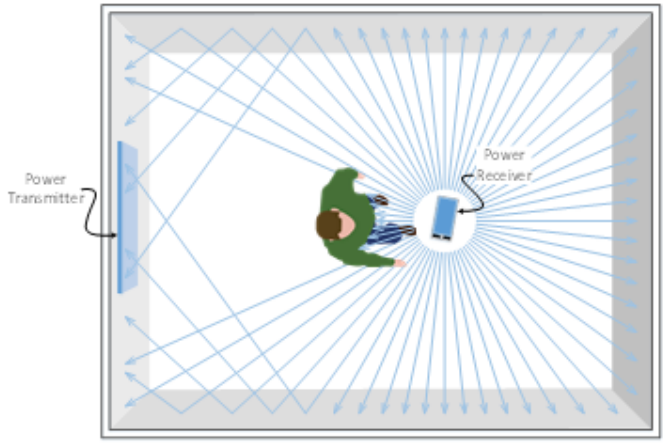


Figure 3: Power Receiver transmitting a Beacon Pulse when a person is blocking the most direct paths between the Power Transmitter and the Power Receiver.

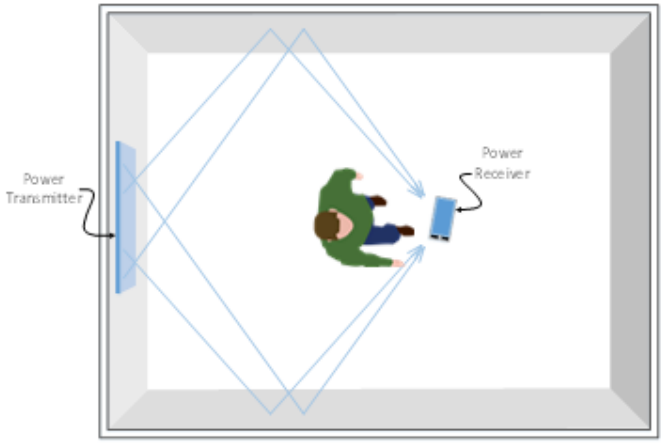
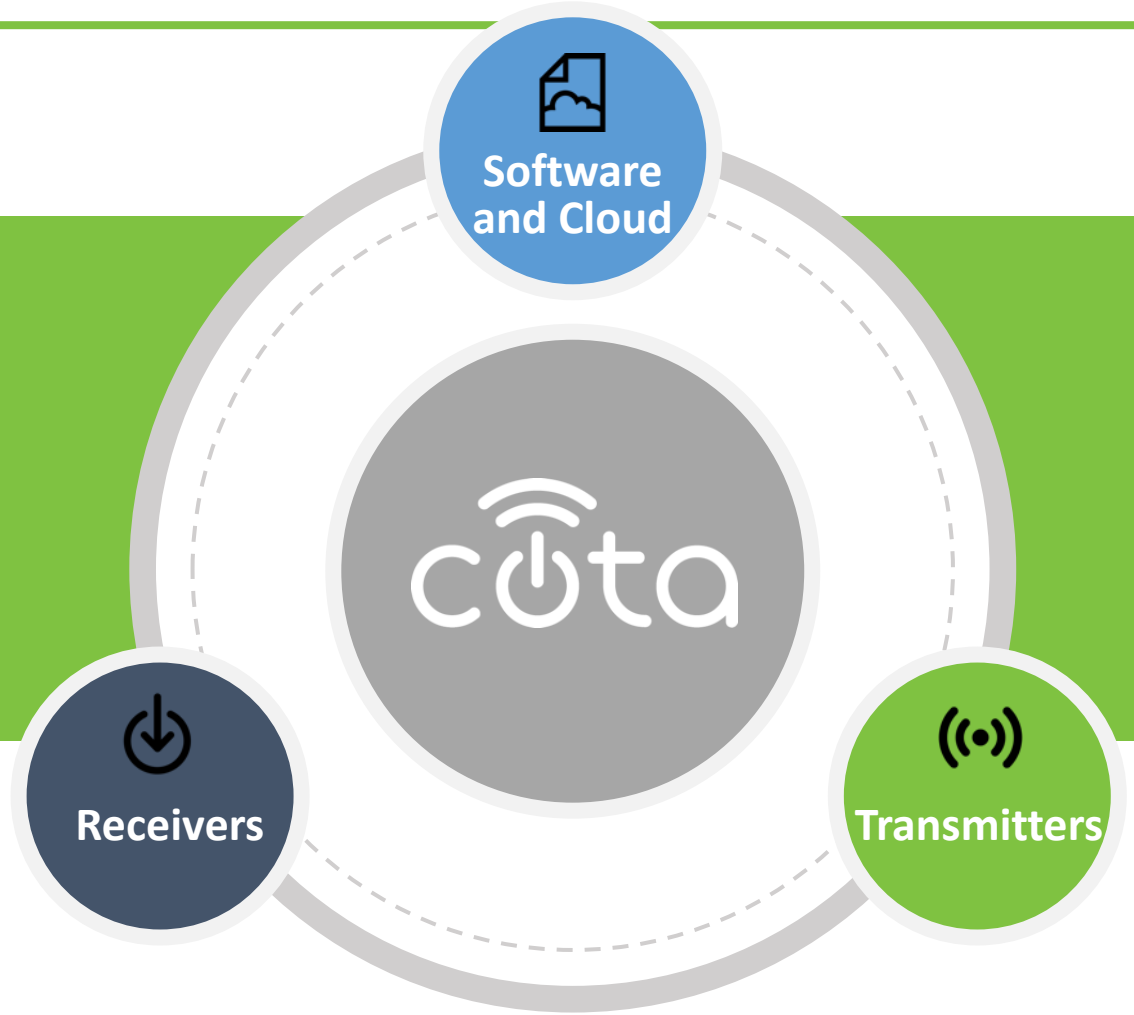


Figure 4: Power Transmitter sending power via a phase conjugate reflection of the Beacon Pulse when a person is blocking the most direct paths between the Power Transmitter and the Power Receiver.

CORE **DISCOVERY**

Originally, this was an attempt to improve Wi-Fi communication

But it turned out to be so efficient, the discovery was useful power transfer



COTA PLATFORM

The Cota platform spans receivers, transmitters, secure communication protocols, software and cloud services for **delivering managed wireless power**

2010

- Discrete components
- Proves non- line of sight
- One device
- Non tracking of devices

2014

- Modest power delivery
- Provides proof of scale and function

2016

- Integrated custom ASICs
- Low power consumption
- Implements the complete Cota architecture
- Provides proof of scale and function

BEYOND

- More distance, more devices, more available power, IoT+ location

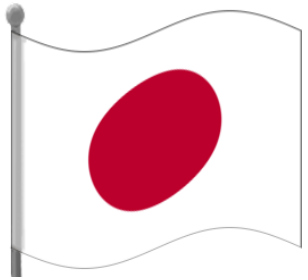
Video Demo

Regulatory Approvals – Recent Progress

US FCC:

Ossia will submit detailed application in December 2017. FCC expected to establish:

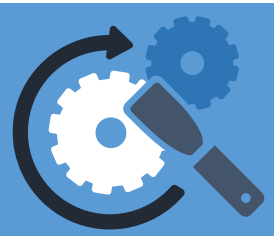
- Cota is properly classified as an ISM device (similar to high frequency equipment under Japanese Law).
- Cota devices meet all human health and safety standards.



Japan: MIC/BWF

Ossia has been working with MIC and BWF since 2016

- Met with MIC in November 2016. MIC has not taken a position on WPT
- Ossia and its partners, -- KDDI and other Japanese companies (under confidentiality) -- have participated in BWF on wireless power issues since March 2017
- BWF met with MIC on WPT in October 2017, and MIC was non-committal on WPT



Next steps:

- Ossia expects FCC to issue approval by early 2018
- Ossia plans continued engagement in BWF with Japanese partners
- Following FCC approval, Ossia will engage directly with MIC to seek approval for Cota prototype devices ASAP
- Target approval is mid-2018

Patent Overview: Representative List of Patents

PATENT TITLE	PATENT NUMBER	PATENT FILING DATE	ISSUE DATE
Wireless power transmission system	8,446,248	6/14/07	5/21/13
Wireless power transmission system	8,159,364	8/23/10	4/17/12
Wireless power transmission system	8,410,953	4/10/12	4/2/13
Wireless power transmission system	8,558,661	3/27/13	10/15/13
Method & apparatus for focused data communications	9,351,281	2/21/14	5/24/16
High Dielectric Antenna Array	9,685,711	8/15/14	6/20/2017
Wireless power transmission system	8,854,176	10/14/13	10/7/14
	9,142,973	10/6/14	9/22/15

25+ patents currently in 6 countries so far with published and unpublished **patent application for 300+ inventions**

Leader in the Intelligent Delivery of Wireless Power Over Distance

OSSIA
REAL WIRELESS POWER

OSSIA

PROVEN TECHNOLOGY

Backed by an extensive portfolio of foundational IP in RF wireless power

EXPERIENCED & PROVEN MANAGEMENT

The team to build the market enabler for wireless power

MASSIVE MARKET OPPORTUNITY

Addressable market of billions of units annually, with new applications emerging

Additional Background

Notable Awards for Ossia, 2016-2017

Media Praise for Ossia

Ossia featured in TIME Magazine

TIME

BIG IDEA

A ceiling that wirelessly charges devices

Imagine a room in which everything charges automatically. That's the idea behind the Cota Tile, a ceiling fixture that can send power over radio waves to devices like phones, laptops and smoke detectors, so long as they're outfitted with special receiver chips. (Think Bluetooth or wi-fi connectivity, but more advanced.) Bellevue, Wash.-based tech startup Ossia, which developed the Cota, said it's working on licensing the technology before the Tile hits the market—though it will likely be many years before this kind of wireless power is commonplace. —*Julia Zorthian*

Press Quotes

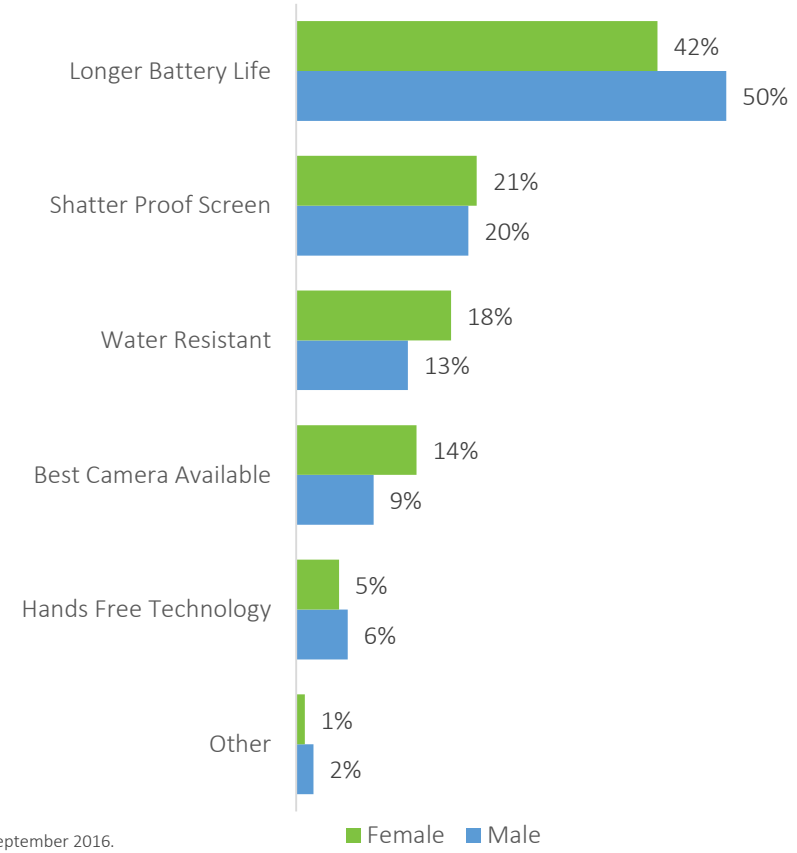
"It's safe to say that Ossia, the wireless pioneers behind over-the-air charging platform Cota, gave one of the most impressive demonstrations at last year's Consumer Electronics Show. And this year is no different." –Kyle Wiggers, Digital Trends

"True wireless power that travels through the air is the holy grail of mobile tech and Ossia has found it." – Avram Piltch, Tom's Guide

"This is no longer science fiction. It's science fact, and the transmitters are going to be hidden in plain sight." –Mike Brown, Inverse

Wireless Power Over Distance: The Killer App of the Connected Future

The Most Wanted Smartphone Features[1]



[1] YouGov, September 2016.

Our cota Platform Revolutionizes Power Delivery for Consumers and Enterprises Alike:

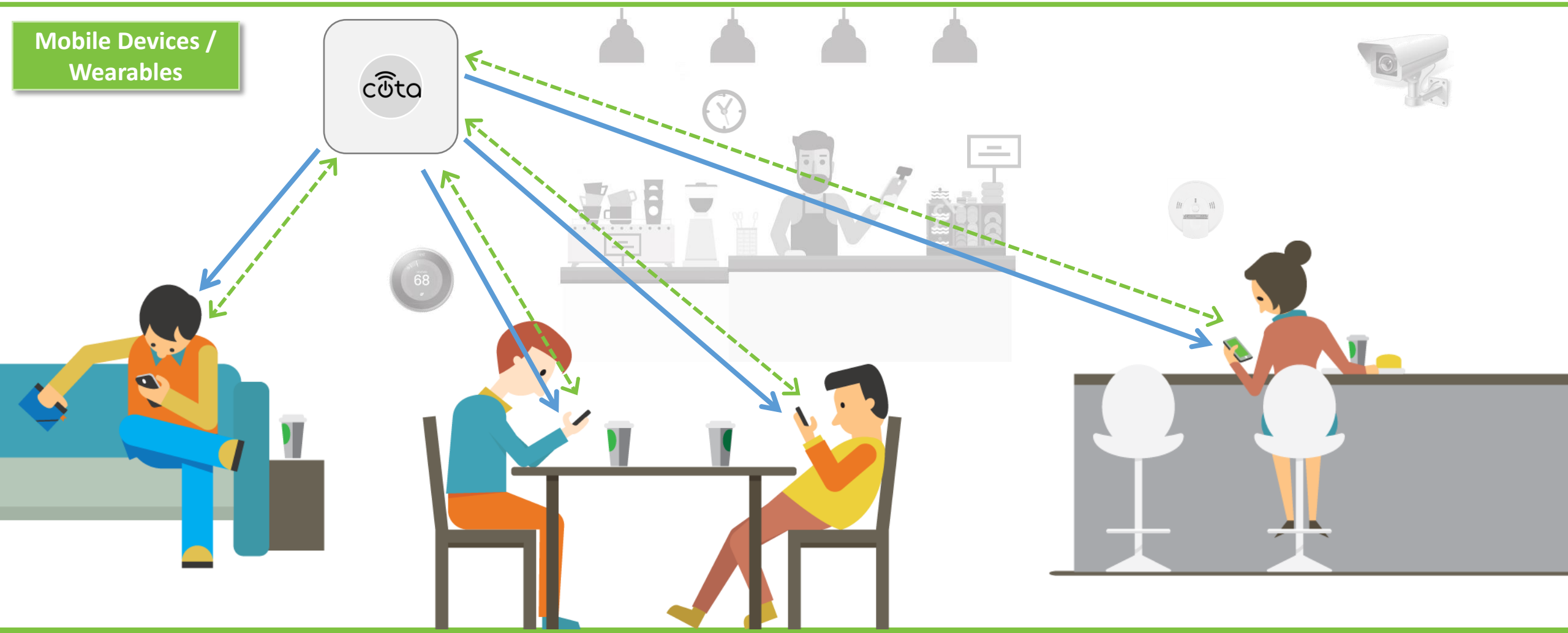
Seamless Charging: Never have to think about charging your small devices again- no more plugging devices into the wall. No more replacing batteries. That's cota

Enabling the IoT: Instantly providing smart connectivity to thousands of devices while ensuring they are always on and always charged

Green Power: Trickle charge approach significantly extends the lifespan of rechargeable batteries, while embedding cota technology in AA and other form factors potentially removes billions of batteries from landfills annually

Catalyzing Innovation: What could you design if battery capacity wasn't an overriding constraint for your mobile and IoT devices? Faster processors, brighter screens, better connectivity and higher definition cameras are just the beginning

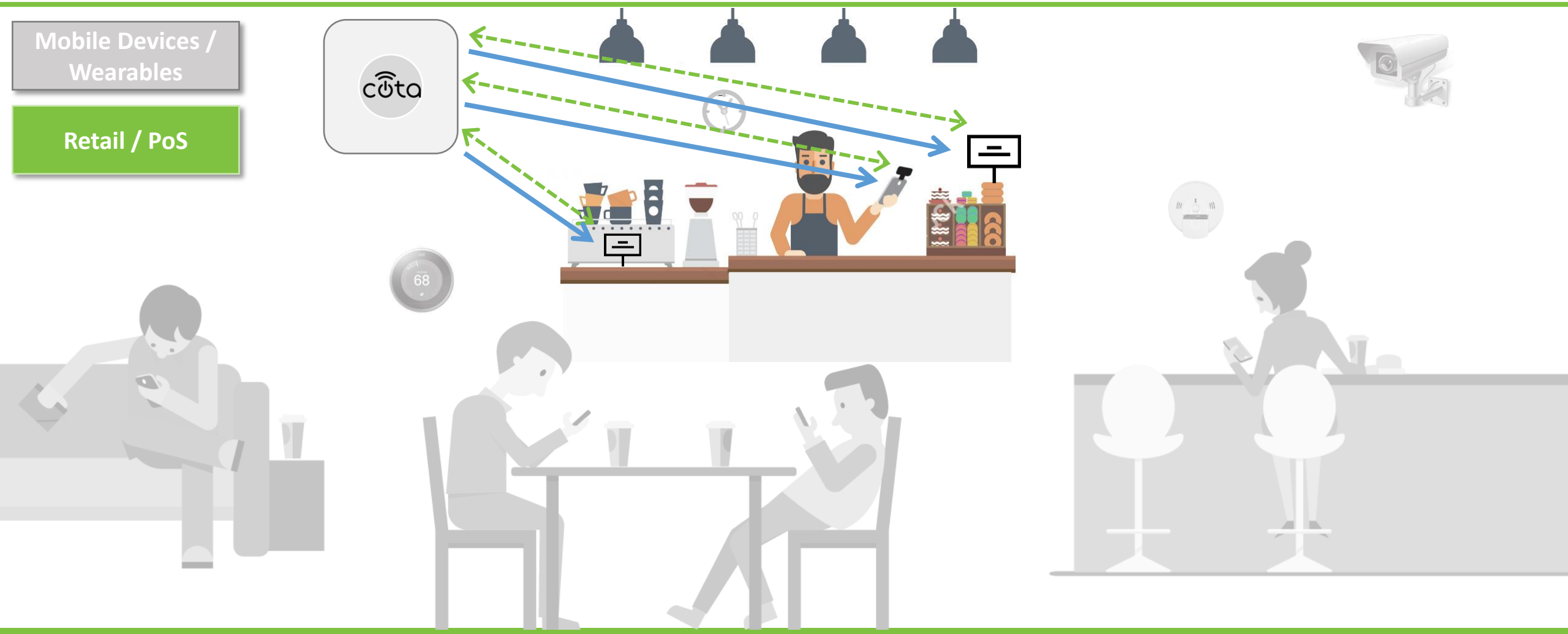
cota's Potential: One Store, a Thousand Applications



cota's Potential: One Store, a Thousand Applications

Mobile Devices / Wearables

Retail / PoS

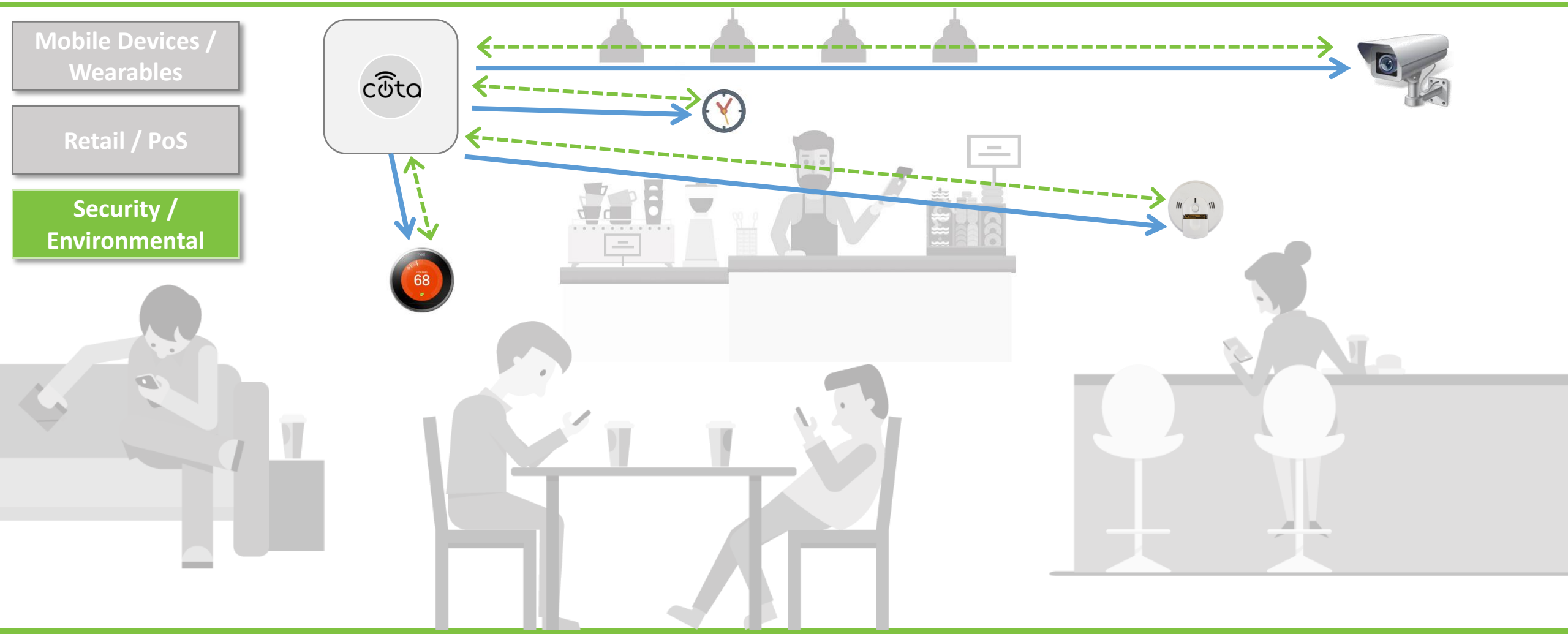


cota's Potential: One Store, a Thousand Applications

Mobile Devices / Wearables

Retail / PoS

Security / Environmental

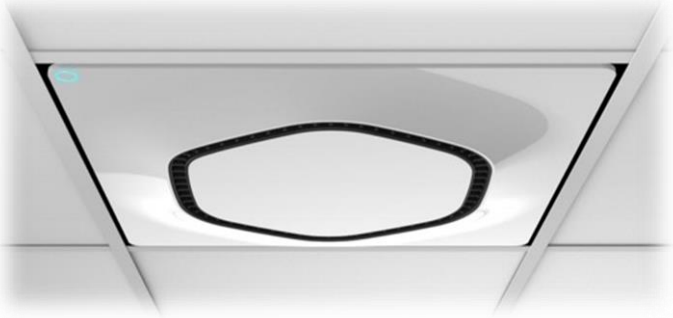


Cota is Form factor Agnostic

The PAC: Compact Cylindrical format, used for stand alone home use, servicing personal space/room

2016

2017



The Cota Tile: Invisible, infrastructure based Tile, can be extended with multiple units to service larger spaces

Smart Furniture
Conspicuous, hidden power transmitter for home, office space or public spaces

Beyond