Extending Your Reach With Bluetooth Router For IoT Applications
IoT is big, and could be a lot bigger if there is a common standard.
Bluetooth is best positioned for IoT

- Low power
- Low cost
- Open
- Universal

3+ billion shipped in 2015
Current limitations

- Limited range
- Limited pairing
  Typically one-to-one
- No-remote control
Introducing: Cassia Hub

1st – Long Range Bluetooth Router
300+ Meters
3 Walls
How to achieve Long Range?

- Smart Antenna
- Increase Receive Sensitivity
- Noise Cancellation
22 Devices

- Medical
- Wearable
- Plug
- Appliance
- Speaker
- Light
1. "METHODS, DEVICES AND SYSTEMS FOR INCREASING WIRELESS COMMUNICATION RANGE" is officially “patent pending” with Patent Application Number 14639711
2. "BLUETOOTH TRANSPARENT RELAY" is officially “patent pending” with Patent Application Number 14930307
3. “METHOD AND SYSTEM FOR FACILITATING AUTOMATION” is officially “patent pending” with Patent Application Number 14858607
4. “The Learning Logic Engine (LLE) for Wearable Medical Devices in Home Networks” is officially “patent pending” with Provisional Patent Application Number 62/048,870
5. "METHODS, DEVICES AND SYSTEMS FOR BLUETOOTH AUDIO TRANSMISSION" is officially “patent pending” with Patent Application Number 14919124
6. "METHODS, DEVICES AND SYSTEMS FOR SUPPORTING WIRELESS COMMUNICATION" is officially “patent pending” with Patent Application Number 14789614
7. "DEVICES, SYSTEMS, AND METHODS FOR DETECTING FALLS" is officially “patent pending” with Patent Application Number 14842044
“We were impressed by Cassia Networks’ vision and execution, and it had the buzz of the show as one of the best innovations to come out of CES this year, we've evaluated thousands of devices and products to find the technologies that will change the industry and our lives. Cassia Networks clearly was the best in show in Connected Home Products.”

—— Michael Gorman, Editor in Chief of Engadget
SDK for developers

22 Bluetooth LE Sensors → 300M → HUB → Remote control → SDK

300M → Remote control → Native APP Server

22 Bluetooth LE Sensors → Local control → SDK

APP → Local control → Server
SDK Features

- real-time
- secure
- no change to Bluetooth End Devices
Music

Stream music from cloud & local sources
Easy Setup & Same or different music for different rooms
Sports

60MPH

Sensor

www.hupu.com
Fitness

Bluetooth®

101 bpm

EPSON
EXCEED YOUR VISION

hosafitness
IoT Controller

- Security
- Locationing
- Management
- Roaming
Make BLUETOOTH The default standard of IoT

Salute to Bluetooth Founders
Thank You!

www.cassianetworks.com