



## Cassia Networks Bluetooth Roaming Technology Instructions

[Home](#) » [Cassia Networks](#) » Cassia Networks Bluetooth Roaming Technology Instructions 

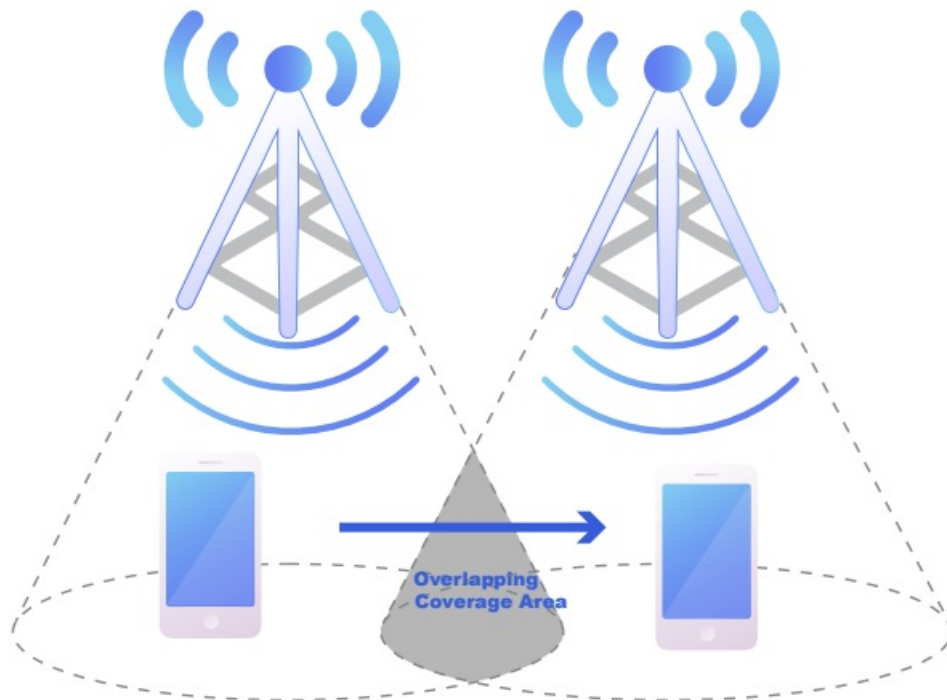


## Contents

- [1 What is Roaming?](#)
- [2 What is Bluetooth Roaming?](#)
- [3 What makes this feature so unique?](#)
- [4 Key Benefits of Bluetooth Roaming for today's Enterprises](#)
- [5 Bluetooth Roaming powered by Cassia Networks](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)

## What is Roaming?

For cellular and Wi-Fi, roaming occurs when a mobile device switches its association to the wireless base station with a stronger RF signal when moving from the coverage area of one base station to the next. A successful roaming is one that doesn't interrupt the user data communication during the roaming handoff.



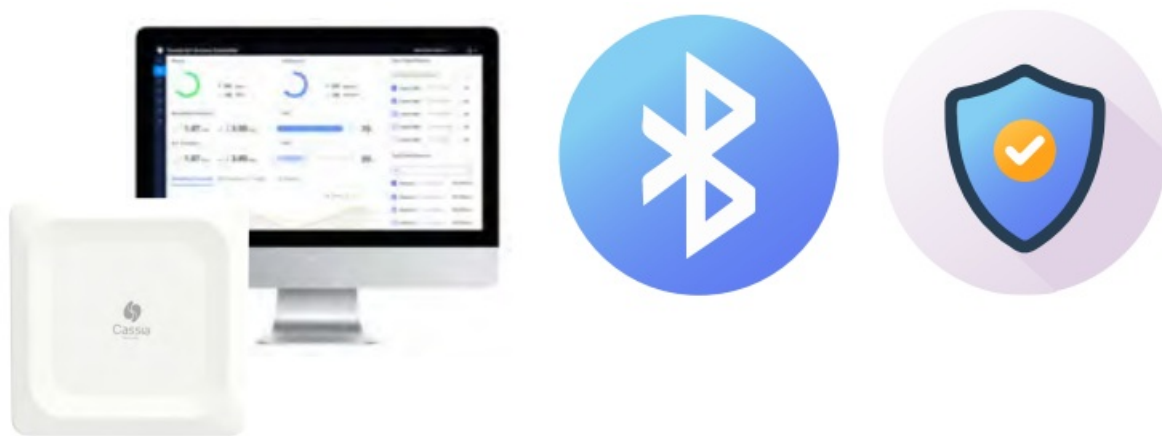
## What is Bluetooth Roaming?

This patented groundbreaking technology developed by Cassia Networks occurs when a BLE device switches its association to a BLE gateway with a stronger RF signal when moving from the coverage area of one BLE gateway to the next.



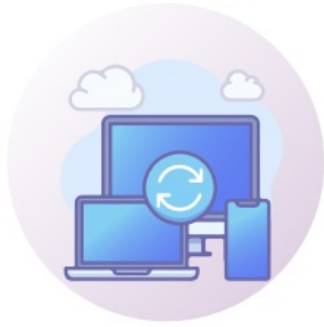
### What makes this feature so unique?

Unlike Wi-Fi and cellular, BLE devices have no inherent roaming support and therefore cannot initiate a handoff request. With Cassia's Bluetooth gateways and IoT Access Controller (AC), BLE devices like sensors can move/roam freely and securely throughout the network and remain connected at all times. With Cassia's BLE device roaming feature, all gateways in a BLE network under the IoT AC will function as a single gateway without manual intervention.



### Key Benefits of Bluetooth Roaming for today's Enterprises

**Bluetooth Roaming is applicable for any mobile Bluetooth IoT application that require devices to move.**



Seamless BLE continuous connectivity

No changes to BLE protocol or end devices

Supports a secure handoff without manual intervention

## Bluetooth Roaming powered by Cassia Networks



### Why today's leading IoT solution providers choose Cassia Networks

	Scalable, Flexible, Secure
	Easy to Manage and Deploy
	Cost-Effective Wireless Solution
	Long Range Multiple Device Connectivity
	Seamless Bluetooth Roaming and Locationing Support



Making Bluetooth IoT Easy. Scalable. Secure.

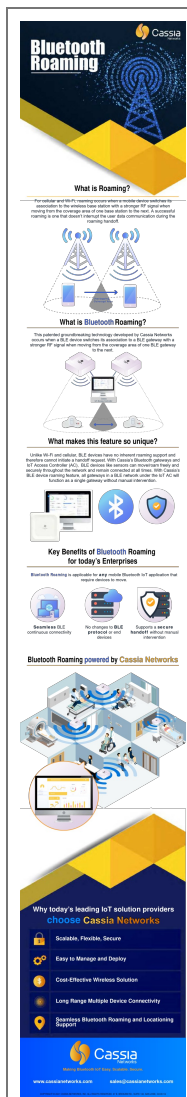
[www.cassianetworks.com](http://www.cassianetworks.com)

[sales@cassianetworks.com](mailto:sales@cassianetworks.com)

COPYRIGHT © 2021 CASSIA NETWORKS, INC.

ALL RIGHTS RESERVED. 97 E. BROKAW RD., SUITE 130, SAN JOSE, CA 95112

## Documents / Resources



[Cassia Networks Bluetooth Roaming Technology \[pdf\] Instructions](#)  
Bluetooth Roaming Technology, Roaming Technology, Bluetooth Roaming, Roaming

## References

- [Cassia Networks- Enterprise Bluetooth IoT Products & Solutions](#)