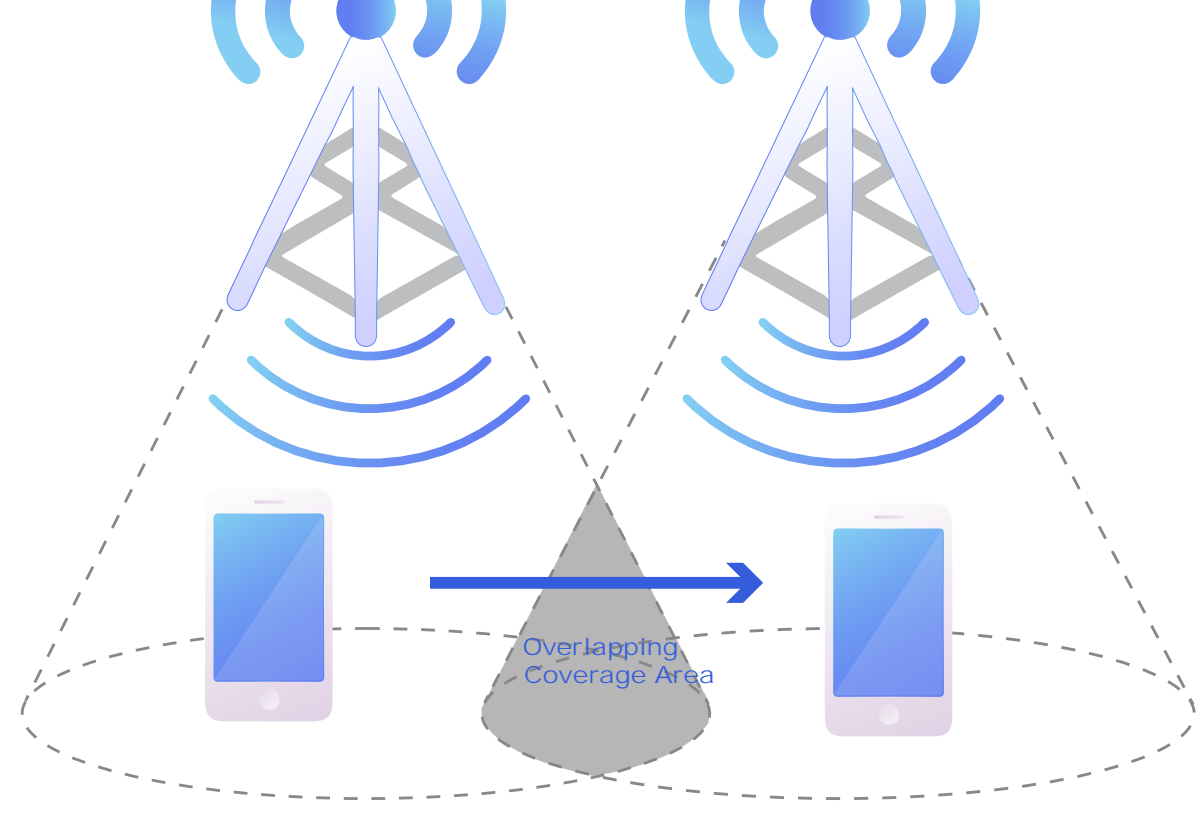


Bluetooth Roaming

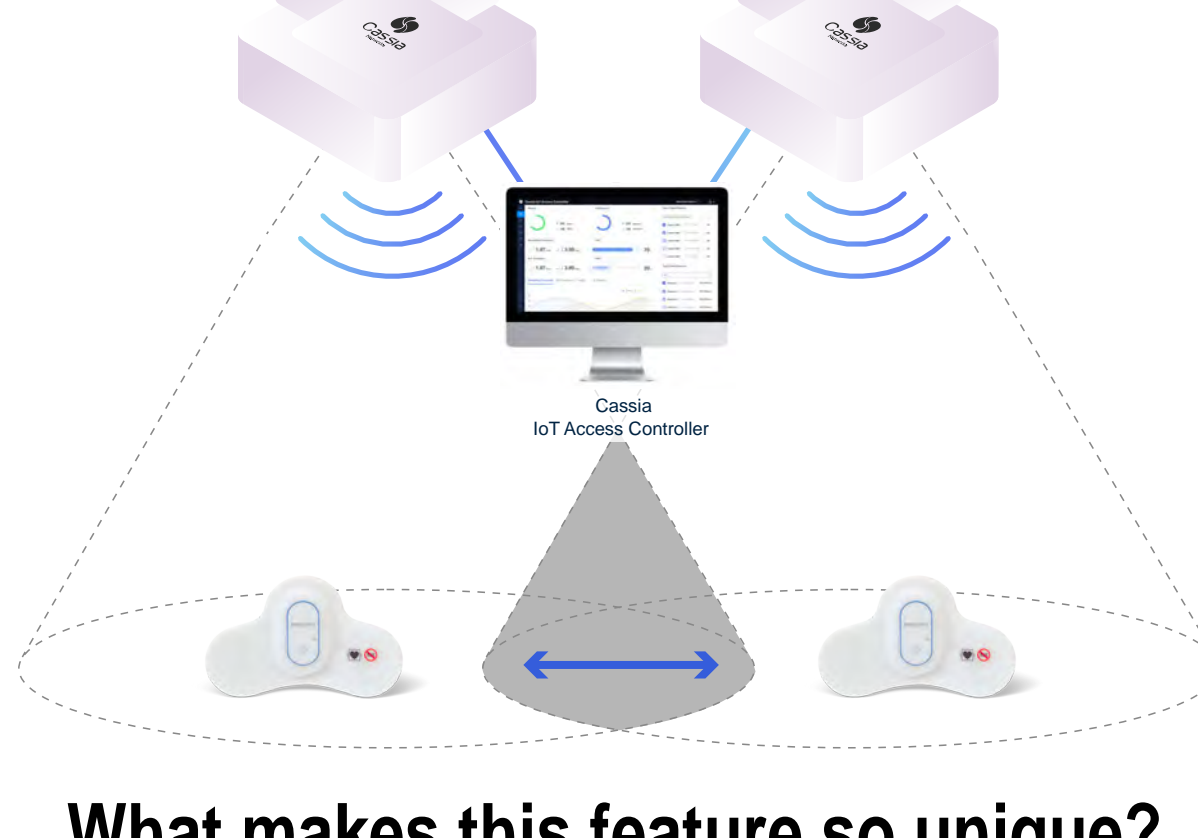
What is Roaming?

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.



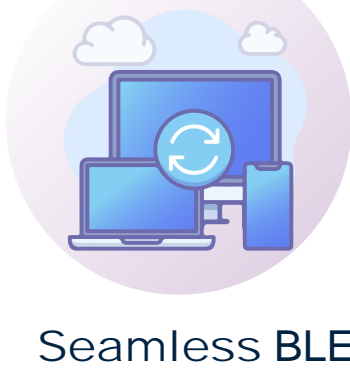
What makes this feature so unique?

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.