RIGADO

Cascade 5000
Product Overview

Cascade 5000 IoT Access Point

Edge Connectivity and Data Delivery for Retail Applications

Unified Enterprise Retail Networks

The Cascade 5000 IoT Access Point delivers enterprise connectivity and management for the next generation of smart retail devices and applications.

Features include:

- ✓ Dual Bluetooth® IoT radios
- ✓ Expansion slots for WiFi HaLow, Ultra-Wideband, and other IoT protocols
- ✓ Cloud data delivery, and network management with Rigado Edge Connect and Edge Direct software
- ✓ Edge processing for AI workloads

The Cascade 5000 provides flexible IoT connectivity for **stores, distribution centers, and warehouses**

Key Use Cases

Electronic Shelf Labels
Connect and update thousands of ESLs, support multiple vendor implementations, and monitor the health of each device with Rigado Edge Direct

Multi-Vendor Sensor Integrations
Onboard and scale up with any 3rd party sensor you choose, from temperature and conditions monitoring to asset tags and security locks

Ambient IoT Devices
Connect Wiliot battery-free tags for real-time inventory tracking, food waste reduction, and supply chain monitoring use cases

Specifications

Computing & Storage	• Quad Core ARM 64 1.6GHz Processor • 1GB DDR4 RAM • 16GB Storage
Sensor Interfaces	• Dual Bluetooth® 5.4 radios, 19.5dBm • Hardware support for Bluetooth® 6 • mPCIe and M.2 expansion ports for Wi-Fi HaLow, UWB
WAN Connectivity	• 10/100/1000 Ethernet with PoE 802.3at
Security	• Supports Bluetooth® Low Energy Secure Connections • Encrypted file system & Secure Boot
Accessories	• Wall/Ceiling Bracket
Certifications	FC IC CE

Edge Connect Bluetooth® wiliot AMBIENT IOT ENABLED

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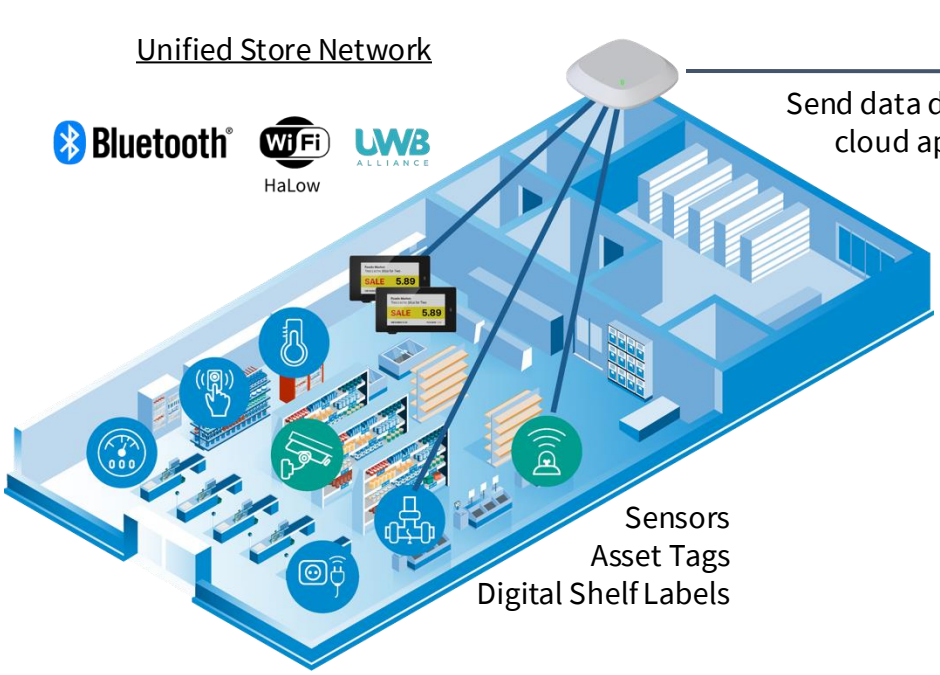
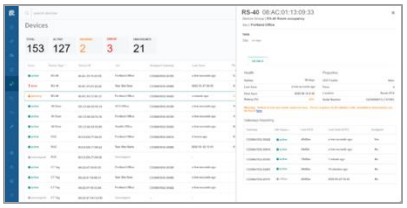
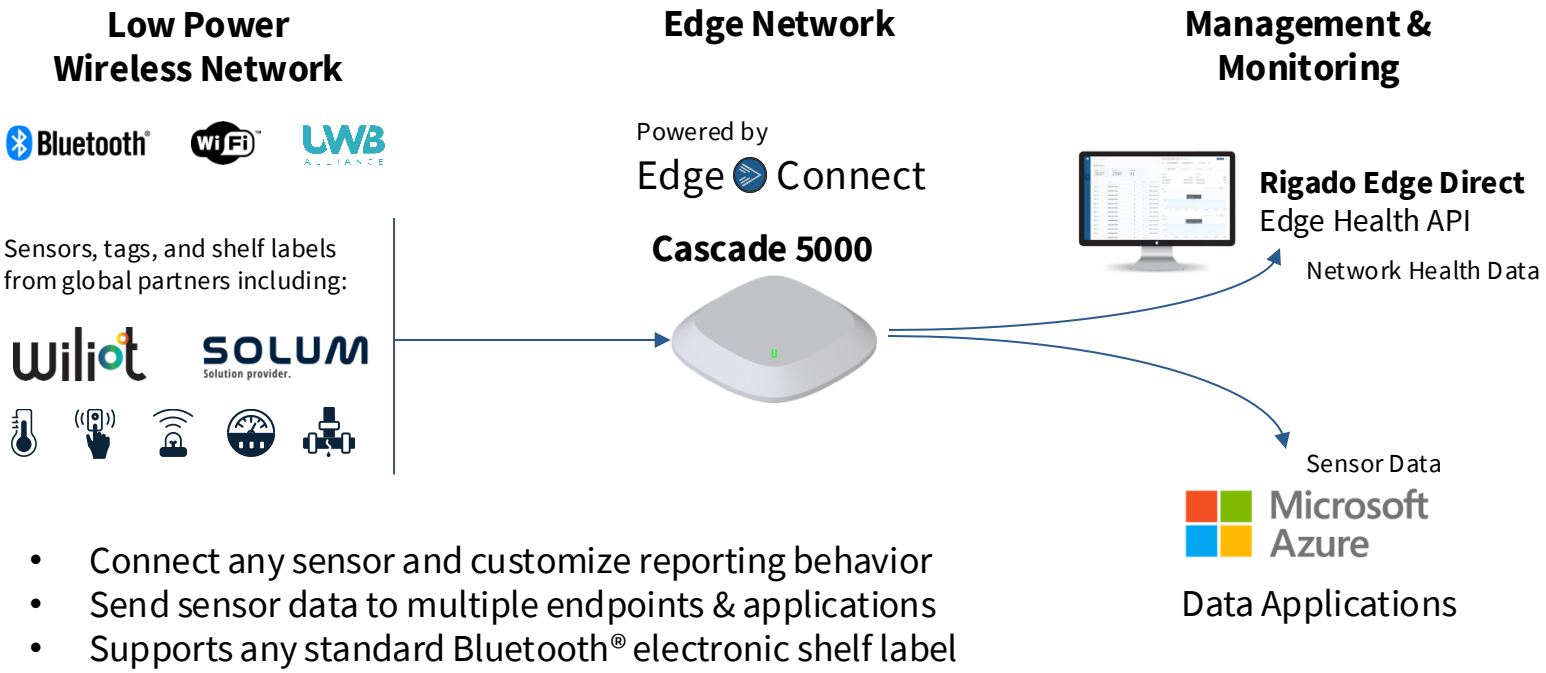
Create a Unified IoT Network in Stores and Distribution Centers





Manage and monitor IoT devices like an IT service

Send data directly to your dashboard, workflow or application



- Connect any sensor and customize reporting behavior
- Send sensor data to multiple endpoints & applications
- Supports any standard Bluetooth® electronic shelf label

The Cascade 5000 is available for trials now, contact us to learn more!