Cisco Industrial Wireless Service in IoT Operations Dashboard

Organizations are accelerating their digitization journey, requiring more and more assets to be reliably connected to the core network.

Fiber is not available everywhere, and reliable wireless connectivity is a key requirement in the OT space to support the most demanding industrial applications, from Terminal Operating Systems (TOS) and teleremote Rubber-Tired Gantries (RTG)s in ports to Programmable Logic Controller (PLC) connectivity on Autonomous Guided Vehicles (AGVs) on the factory floor and autonomous hauling in a mine.

Cisco® Ultra Reliable Wireless Backhaul (URWB) delivers fiberlike wireless connectivity for moving assets or to extend your network where running fiber isn't feasible or is too costly. It provides high-bandwidth, high-availability, ultra-low-latency wireless and seamless handoffs with zero packet loss, making it ideal for connecting the most demanding applications that need uninterrupted wireless connectivity.

The Cisco Industrial Wireless service (IW service), an OT service in Cisco IoT Operations Dashboard, offers a suite of tools dedicated to configuring, deploying, provisioning, and monitoring Cisco URWB devices in a centralized manner.

The bridge to possible

Benefits

- **Reduce operational complexity:** Use a single pane of glass to configure your industrial wireless devices.
- **Increase scalability:** Provision hundreds of devices from the cloud, anytime, anywhere.
- **Accelerate time to revenue:** Simplify your wireless network configuration for faster deployment.
- **Improve configuration accuracy and consistency:** Track configuration and firmware versions for all your wireless devices.
- **Gain visibility into inventory to optimize efficiency:** Easily view device inventory and each project assignment.

The bridge to possible

What it does

Deploying wireless devices can sometimes be complex and time consuming. Now, with the IW service in IoT Operations Dashboard, operations teams can easily and simply configure IW devices from a single cloud-based dashboard.

Scalability is no longer a problem, thanks to the IW service: zero-touch provisioning eliminates the need to independently configure every single device locally, optimizing time and resources and improving efficiency. Onboarding devices, assigning them to defined groups, and applying bulk configuration templates has never been so easy.

The IW service also offers visibility into configuration versioning, shows the availability status of each radio, and checks for any configuration mismatch between the local and latest configuration available in the dashboard. This provides the reassurance of complete consistency across your network.

The IW service offers advantages even in cases where offline configuration is necessary. If your network is not cloud-connected, you can still track your inventory and create your configuration templates in the cloud, and then download and push them to the devices locally.

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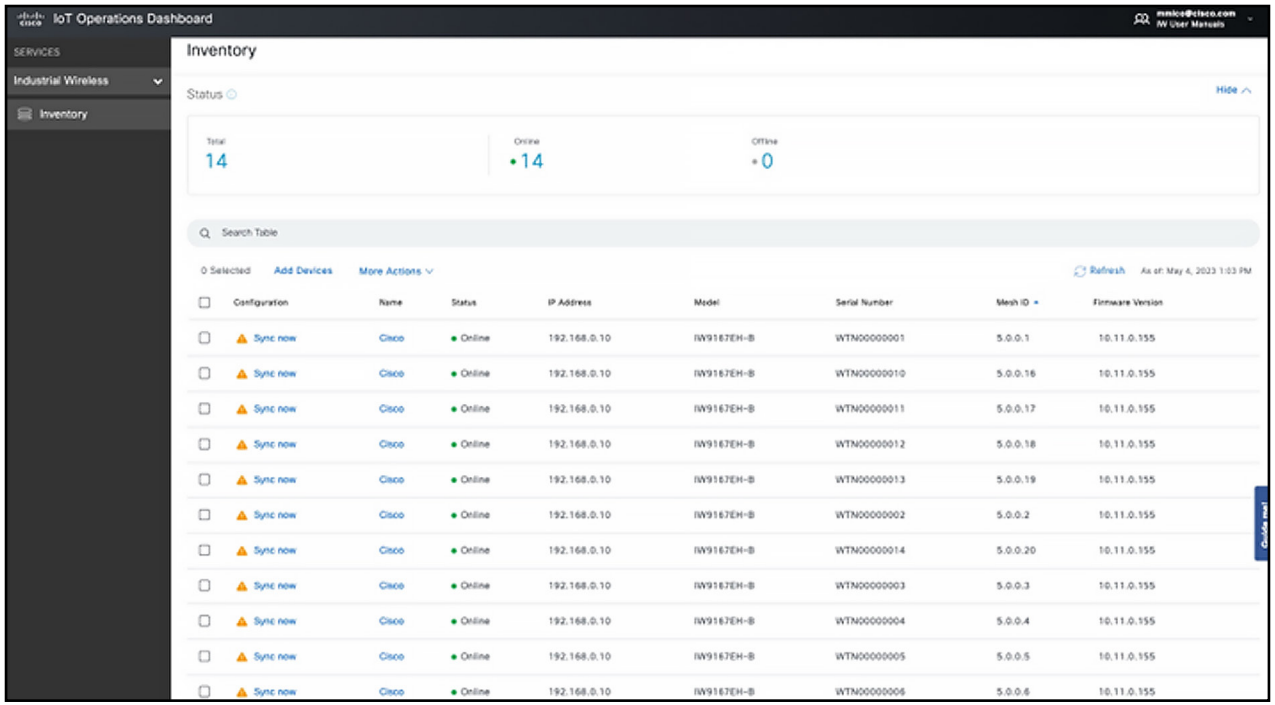

For more information

Learn more about Cisco URWB devices

- Cisco Ultra Reliable Wireless Backhaul

Explore IoT Operations Dashboard

- IoT Operations Dashboard

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