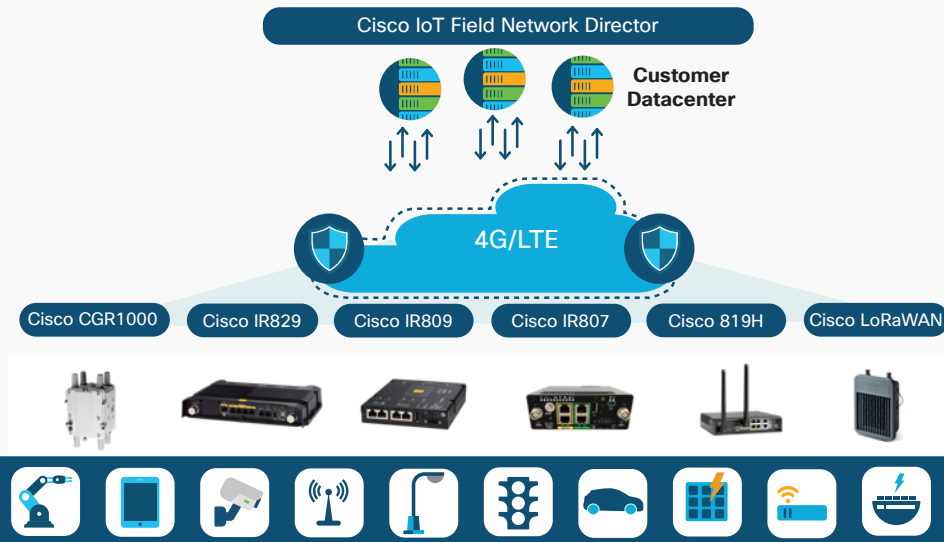ıllııllı
CISCO

Cisco IoT Field Network Director

Deploy, manage, monitor, and maintain field area networks at scale

Cisco IoT Field Network Director (FND) is the network management system for your IoT Field Area Networks (FAN), managing thousands to millions of connected devices at scale. Cisco FND is designed to help Advanced Metering Infrastructure (AMI), Distribution Automation (DA), Substation and Street Light operations teams manage large-scale FAN lifecycles across changing conditions to stay up and running.

Cisco IoT Field Network Director

Customer Datacenter

4G/LTE

Cisco CGR1000 · Cisco IR829 · Cisco IR809 · Cisco IR807 · Cisco 819H · Cisco LoRaWAN

Benefits

With the Cisco® IoT Field Network Director (FND), you get:

- **Rapid scaling.** Enjoy zero-touch deployment and secure enrollment for tens of thousands IoT gateways and millions of endpoints.

- **Increased reliability.** Experience reliable communications over cellular and low-power networks for device lifecycle management and FCAPS (fault-management, configuration, accounting, performance, and security), 24-hour monitoring and alerts.

- **Enhanced security.** FND includes secure IoT management across networks using encryption, secure tunnels, role-based user access and audit trails.

Cisco IoT FND has a rich set of features that enables you to do:
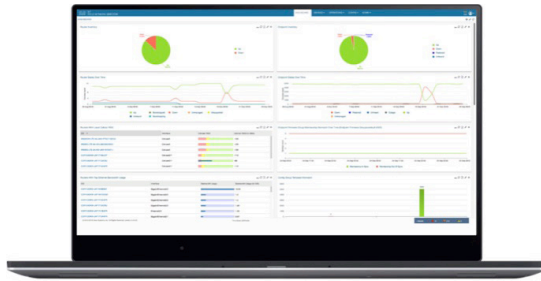
Lifecycle management

- Automated enrollment and provisioning of gateways and endpoints
- Over-the-air lifecycle management
- Dynamic, customizable dashboard
- Device inventory
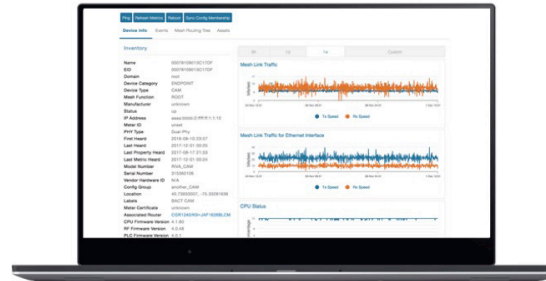
Network optimization

- Configuration management
- Network management for constrained bandwidth
- Network troubleshooting
- Role-Based Access (RBAC) user management
- Rich APIs for third-party operation application integration
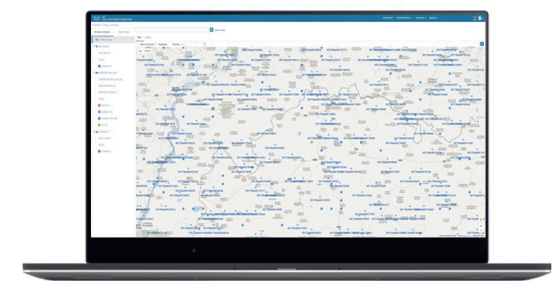
Real-time monitoring

- Active monitoring and alerts for critical events
- Real-time location tracking of assets and geo-fencing
- Rich GIS map overlays
- Ability to go back and play back the mobility path of the assets (for gateways)

Customer Testimonial

"All 2 million+ endpoints are managed through the Cisco Field Network Director application by over 40 operators across cross-functional teams."

"FND functions effectively thanks to the hard work Cisco has poured into making the platform powerful and efficient."

Russell Barilea,
Smart Meter Network Operations, BC Hydro

And with over seven million endpoints deployed, it has shown to do all of these functions at scale.

For additional information, visit www.cisco.com/go/fnd.