

Telecom Towers & BTS Monitoring



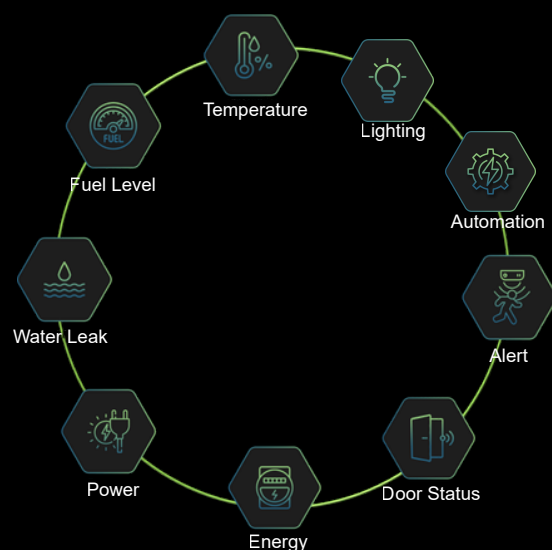
TELECOM INFRASTRUCTURE MONITORING & AUTOMATION

The OmniWOT Telecom Tower & Base Transceiver Station (BTS) Monitoring Solution provides centralized, real-time monitoring and intelligent automation for distributed telecom infrastructure. Designed for telecom operators, TowerCos, and managed service providers, the solution enables continuous visibility into power systems, batteries, generators, environmental conditions, security, and site assets through a single unified IoT platform.

Supporting LoRaWAN, Modbus, BACnet, MQTT, SNMP, OPC UA, BLE, and REST APIs, OmniWOT seamlessly integrates with existing telecom infrastructure without vendor lock-in.

KEY BENEFITS

- Connect. Monitor. Control
- Unified IoT Platform for Distributed Telecom Infrastructure
- Real-Time Monitoring of Critical Telecom Assets
- Intelligent Alerts & Event-Driven Automation
- Reduce Manual Site Visits through Remote Monitoring
- AI-Powered Analytics & Predictive Insights
- Centralized Management of 1000s of BTS Sites
- Secure, Scalable & Multi-Tenant Architecture
- Improve Operational Efficiency & SLA Compliance
- Open Platform. No Vendor Lock-In.
- Reduce Downtime. Maximize Uptime.



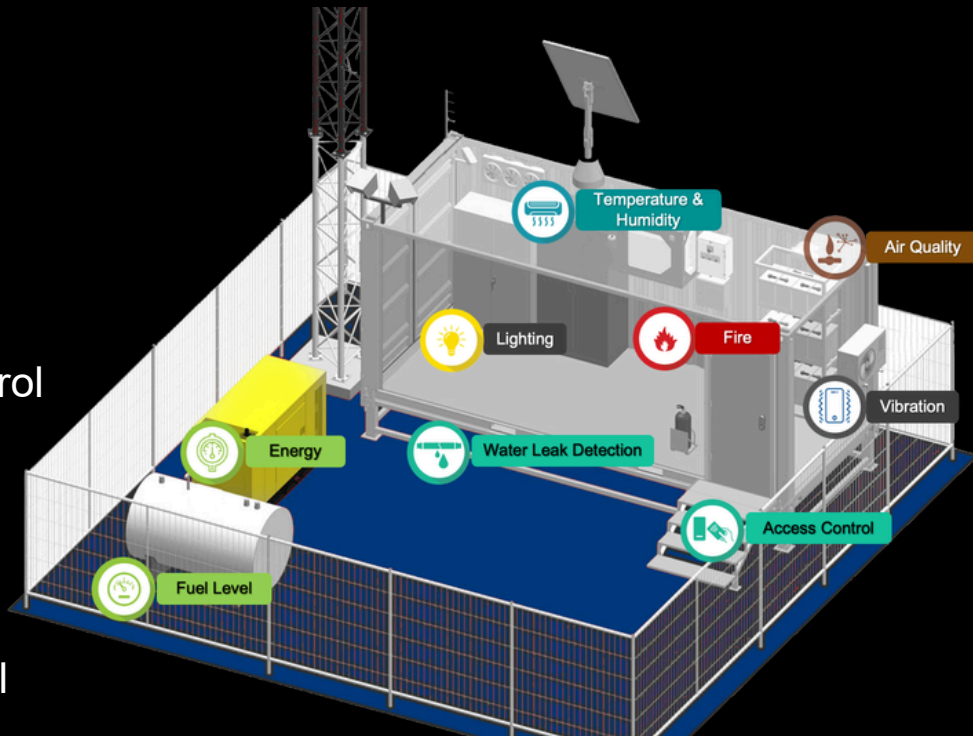


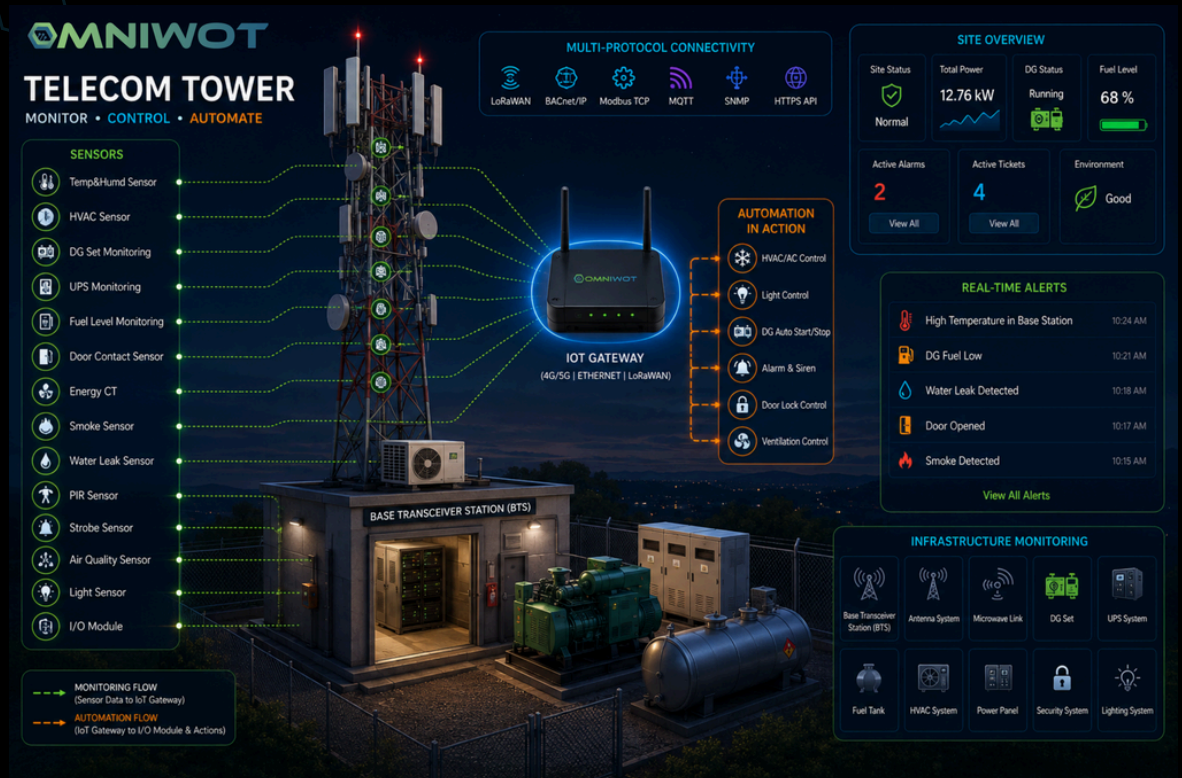
KEY CHALLENGES

- Asset Monitoring & Maintenance
- Utility & Energy Monitoring
- Unsecure Remote Sites
- Equipment Failure & Downtime
- Fuel Usage & Pilferage
- Monetary Loss, Time & Energy

KEY MONITORING CAPABILITIES

- Power & Energy
- Temperature & Humidity
- Smoke Detection
- Water Leak Detection
- Lighting Monitoring & Control
- Cooling Infrastructure
- DG Fuel Level Monitoring
- Door Status Monitoring
- Remote Equipment Control





“A smart tower is essentially a self-aware structure. It can report on its own health, security, and operational status. This fundamental shift from passive to active is what defines the smart tower.”

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