

# Edge IT Site Monitoring & Operational Intelligence

## Unified Monitoring & Management for Edge IT Sites

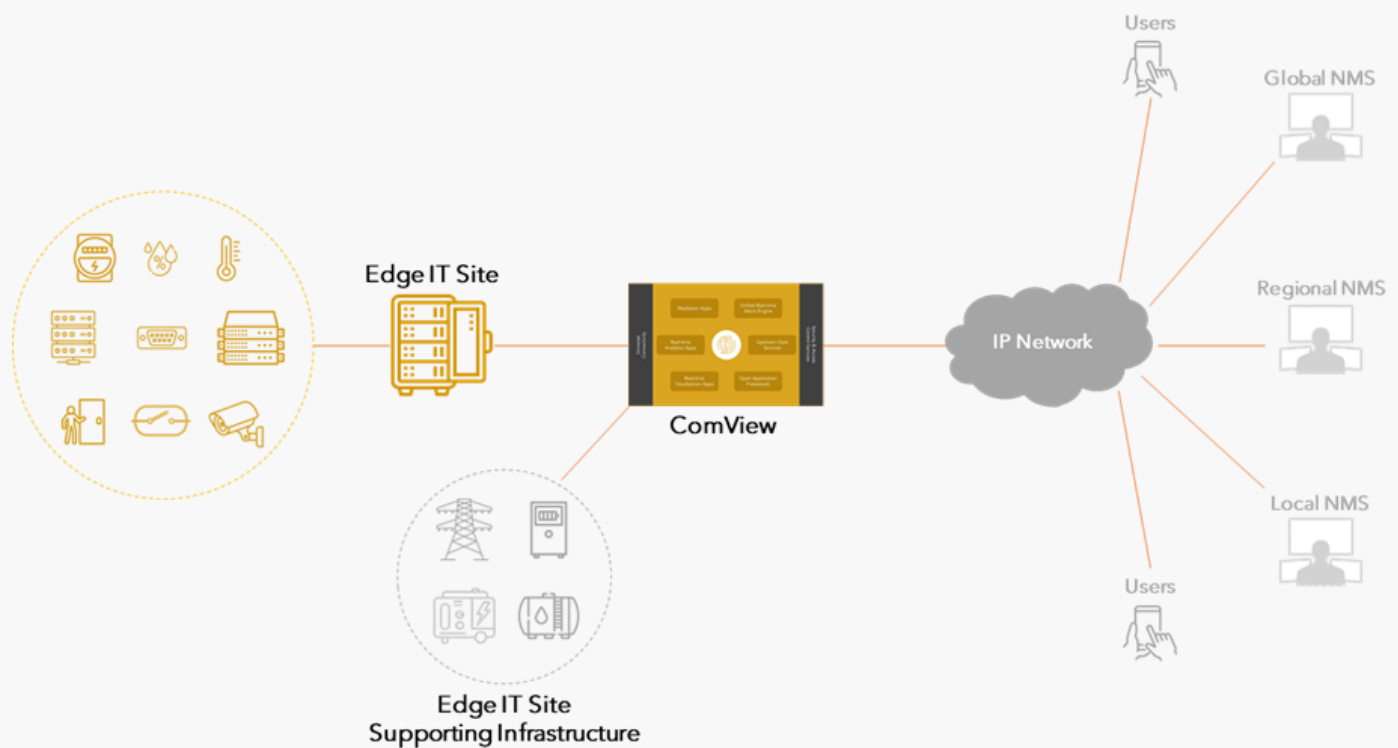
### The Challenge

Across industries, organizations increasingly rely on Edge IT Sites — small but critical environments that house servers, network equipment, storage systems, power distribution units, and supporting infrastructure. These sites may exist in remote corporate branches, field offices, industrial facilities, transportation hubs, utility substations, or RF and cellular locations.

Yet these environments often operate without dedicated onsite staff. Issues such as server failures, unauthorized access, abnormal power conditions, environmental changes, or equipment tampering can go unnoticed until they disrupt operations, compromise security, or cause data loss. Without real-time visibility and secure remote access, IT and Operations teams are forced into reactive troubleshooting and costly site visits.

### The ComView Solution — Comprehensive Edge Intelligence for IT Infrastructure

ComView provides a unified platform for monitoring, managing, and securing Edge IT Sites. By combining out-of-band access, data collection, automation, and environmental intelligence, ComView gives IT, Operations, and Engineering teams the tools they need to maintain uptime, strengthen security, and reduce operational overhead.





### Services & Application Oversight

Monitor application-level services, CPU/RAM usage, and auto restart failed processes



### Serial Data Collection

Capture boot diagnostics, system logs, device messages, and application data to detect early-stage failures



### Syslog NG Collection

Aggregate syslog messages and trigger alarms on user defined signatures for immediate response



### Energy & Power Quality Monitoring

Track energy usage, voltage, frequency, power factor, and harmonics for safe IT operation



### Environmental Monitoring

Temperature, humidity, airflow, smoke/fire, and water leak detection for thermal and physical protection



### Secure Out of Band Access

Remote console access to servers and network devices for troubleshooting and recovery



### Task Automation

Schedule scripts for log retrieval, configuration checks, health queries, and security monitoring



### SNMP Trap Collection

Real time monitoring of traps from servers, switches, routers, PDUs, and other SNMP capable devices



### Remote Power Control

Power cycle servers, reboot devices, or activate external systems as part of automated recovery workflows



### Access Security & Intrusion Awareness

Monitor room and rack access; capture intrusion images/video for immediate action

## The Results — Centralized Control for Distributed IT Operations

ComView transforms Edge IT Sites into fully monitored, secure, and manageable environments:

- Reduce unplanned site visits through remote access and automation
- Strengthen security with real-time intrusion detection and video evidence
- Improve uptime with early detection of system, power, and environmental anomalies
- Optimize energy usage and ensure power quality for sensitive equipment
- Standardize monitoring across all distributed IT locations
- Enable rapid incident response through real-time alarms and actionable insights

For IT, Operations, and Engineering teams, ComView provides the visibility and control needed to manage distributed infrastructure with confidence.

## Who It's For

ComView's Edge IT Site solution is designed for organizations that operate:

- Remote corporate branch IT rooms
- Edge IT Sites
- Micro data centers / edge computing rooms
- Distributed operations facilities
- Industrial and utility control rooms
- Transportation and logistics IT rooms
- Telecom and RF support rooms
- Field office server/network rooms
- Any location with critical IT equipment but no onsite staff