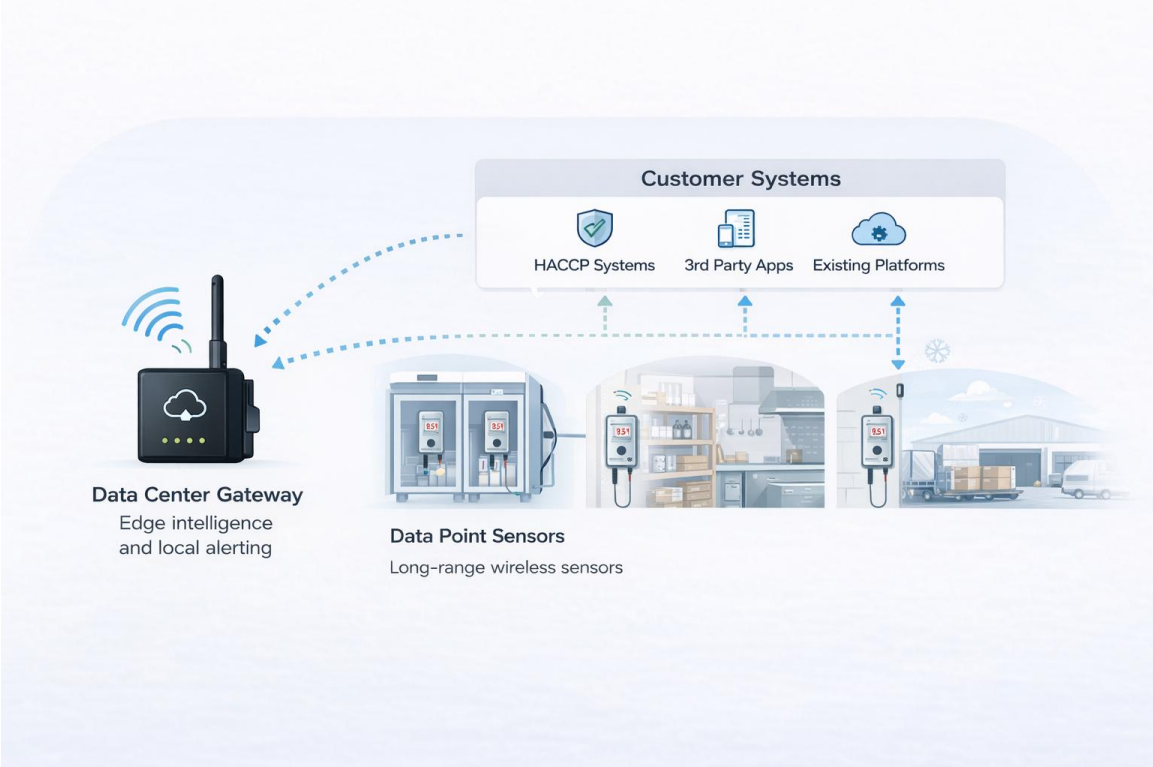
NowLog Data Center Gateway – Product Overview

Designed for low-touch deployment and reduced total cost of ownership.



Product Overview

The NowLog Data Center Gateway is an edge device that enables local monitoring, alerting and data management for long-range wireless sensor networks. It forms the core of the NowLog monitoring system, reducing reliance on cloud infrastructure while simplifying deployment and operation.

Why It's Different

- Edge processing reduces cloud dependency and operating cost
- Self-install setup using any phone or tablet
- Local interface provides full system visibility without specialist software
- Supports scalable deployments without increasing service overhead
- Reliable operation with automatic reconnection and local data storage

Role in the NowLog System

The gateway acts as the central intelligence of the NowLog system. It receives data from Data Point sensors, processes it locally, generates alerts and stores data. Only required data is transmitted to external systems, reducing bandwidth and cloud load.

Key Features

- Local monitoring and alerting
- Up to 20 years local data storage
- Secure communications with built-in firewall
- Plug-and-play connectivity (Wi-Fi, Ethernet, Cellular)
- Web-based local interface (no app required)
- Supports multiple sensors per site

Deployment Model

The gateway is designed for simple deployment:

- Connect to power
- Access via local browser
- Configure network settings

No technician installation is required, reducing deployment time and cost.

Commercial Advantage

Lower Total Cost of Ownership
- Eliminates technician-led installation
- Reduces cloud infrastructure requirements
- Minimises ongoing maintenance and support

Low-Cost by Design
- Efficient hardware architecture
- Standard components and interfaces

Scalable Operations
- Supports growth without increasing service overhead

Summary

The Data Center Gateway enables a new approach to IoT monitoring by shifting intelligence to the edge. This reduces cost, simplifies deployment and supports scalable monitoring systems that can be managed with minimal operational effort.