

SOLUTION BRIEF

Unparalleled Asset Inventory

Transform Visibility Into Security Outcomes

Nozomi Networks' comprehensive asset inventory doesn't just reveal what's on the network — it delivers meaningful security outcomes by powering smarter decisions and faster actions across the cybersecurity lifecycle.

Complete asset visibility is the foundation for effective vulnerability management. Enriched asset profiles in the Nozomi Networks platform make it possible to automatically identify known vulnerabilities tied to specific devices, models, and firmware versions. Combined with real-time awareness of asset behavior and criticality, security teams can prioritize which risks to address first — based on actual exposure, not just theoretical threats

Threat detection is also significantly enhanced by the asset intelligence in the Nozomi Networks platform. Because each asset's normal behavior is continuously monitored and understood in context, anomalies can be detected quickly and accurately. The platform builds behavioral baselines tailored to each device type and role, making deviations stand out clearly — even in noisy industrial networks. This allows for earlier detection of malicious activity, insider threats, or misconfigurations that could lead to downtime or compromise.

In the event of a cyber incident, the Nozomi Networks platform enables a faster, more informed response. With rich, real-time asset data at their fingertips, analysts can immediately identify which devices are affected, how they communicate, and what their role is in the broader process. This allows for precise containment actions, faster root cause analysis, and minimized operational impact.

A Comprehensive, Multi-Mode Discovery Architecture

Nozomi Networks leverages a rich portfolio of data collection methods to ensure no asset is left behind through:

1. Passive Network Discovery
2. Smart Polling
3. Wireless Sensors
4. Endpoint Sensors
5. Embedded Sensors for Level 0
6. Third-Party Integrations
7. Threat Intelligence
8. Asset Intelligence

The Power of Unparalleled Asset Inventory



Comprehensive Multi-source Discovery

The Nozomi Networks platform's asset inventory combines passive network monitoring, active Smart Polling discovery, wireless and endpoint sensors, embedded visibility, and third-party connectors. This multi-source approach ensures all assets—from legacy PLCs to modern IoT endpoints—are discovered and monitored without operational disruption.



AI-enhanced Detection, Prioritization and Insights

Powered by an AI engine trained on millions of OT and IoT assets worldwide, the Nozomi Networks platform delivers proactive anomaly detection, prioritized vulnerability insights, and smarter threat intelligence. This enables security teams to reduce noise and focus on the risks that matter most.



Stronger Compliance and Risk Management

Our platform supports compliance with NIST CSF, NERC CIP, and IEC 62443, and other standards by maintaining an always-current, auditable inventory of all assets and their cybersecurity posture. Asset insights are directly mapped to vulnerability management and threat detection workflows.



Complete Contextual Asset Intelligence

Every discovered asset is enriched with detailed information including firmware version, process activity, communication behavior, software utilization, and lifecycle data. Our platform translates raw asset data into contextual intelligence, empowering teams to make informed decisions fast.



Protocol-aware Visibility

With support for the broadest range of OT, ICS, and IoT protocols in the industry, our platform sees, understands, and analyzes assets others can't. Protocol fluency enables accurate behavioral baselining, real-time threat detection, and superior asset classification across complex environments.



Scalable and Extensible for the Modern Enterprise

From embedded systems at Level 0 to cloud-managed networks, Nozomi Networks' asset inventory is built to scale across globally distributed environments. With seamless integrations into CMDBs, SIEMs, and EDRs, the platform becomes the intelligence hub for OT and IoT cyber resilience.

Let's get started

For more information, request a demo or reach out to your local Nozomi Networks representative.

Request a Demo

nozominetworks.com/demo

Nozomi Networks protects the world's critical infrastructure from cyber threats. Our platform uniquely combines network and endpoint visibility, threat detection, and AI powered analysis for faster, more effective incident response. Customers rely on us to minimize risk and complexity while maximizing operational resilience.

