Data Sheet

Asset Intelligence

Focus on the OT and IoT Incidents that Matter

Nozomi Networks Asset Intelligence™ continuously updates Guardian™ appliances with rich OT and IoT device data so you can identify and respond to the most important security alerts faster.

Guardian’s anomaly detection for IoT leverages millions of OT and IoT asset profiles for asset identification and anomaly alerting at enterprise scale.

See
What’s on your network and how it’s behaving

Detect
Cyber threats, risks and anomalies for faster response

Unify
Security, visibility and monitoring across all your assets
Identify Intelligence that Reduces the Mean-Time-to-Response (MTTR)

Rapidly Pinpoint Harmful Anomalies

Up-to-Date OT and IoT Device Data
Delivers continuously updated OT and IoT asset intelligence
Classifies assets with high precision to accelerate the learning process for OT and IoT environments
Compares real-time activity to "known-good" baselines, even in dynamic OT/IoT networks

Rich Asset Profile and Behavior Data
Provides detailed device information, including:
- Type
- Manufacturer
- Behavior
- Configuration (installed software)
- Protocols in use

Automatically Eliminate Benign Anomaly Alerts

Breakthrough Anomaly Detection for IoT
Eliminates alerts caused by benign anomalous behavior, focusing your attention on ‘true’ incidents
Knows when ‘new’ or ‘different’ is not a risk and removes such alerts from anomaly detection results
Improves efficiency of security staff

Provides the Context to Manage OT and IoT Risks
Balances learned behavior with device knowledge to determine meaningful anomalies. For example:
A manufacturer updates the firmware for a tablet so that it uses a new communications protocol. You update your devices and the change in protocol does not generate alerts in Guardian

Breakthrough Anomaly Detection for OT and IoT

Rapid Identification of Assets
Ensures Precise Asset Inventory

Accurate Anomaly Alerts
Accelerates Incident Response

Asset Intelligence for Dynamic Networks
Sustains Accurate Inventory & Detection
Accurate Asset Intelligence
Ensures up-to-date asset profiles through the expertise of Nozomi Networks Labs, a team of specialized security researchers.
Delivers accurate profiles based on analysis of millions of devices in use at sites around the world and in Nozomi Networks test lab.

Detailed, Helpful Alerts
Provides detailed alerts that pinpoint significant security and reliability anomalies.
Groups alerts into incidents, providing security and operations staff with a simple, clear, consolidated view of what's happening on their network.

Simplified IT/OT Security Processes
Reduces costs with a single, comprehensive OT and IoT anomaly detection solution.
Integrates with IT security infrastructure for streamlined security processes, see: nozominetworks.com/integrations
Harmonizes security data across enterprise tools for cohesive response.

Fast Forensic Analysis
Focuses effort with Smart Incidents™ that:
- Correlate and consolidate alerts
- Provide operational and security context
- Supply automatic packet captures
Decodes incidents with Time Machine™ before and after system snapshots
Provides answers fast with a powerful ad hoc query tool

Quickly Respond Using Detailed, Accurate Information

Swiftly Analyze Incidents and Simplify IT/OT Processes

Respond
Detailed Alerts and Forensic Tools for Fast Response

Asset Intelligence Data Sources

- Nozomi Networks Test Lab Data
- Community-Sourced Device Data

Continuous Asset Research reduces response time to harmful anomalies and active threats.
**Product and Services**

**PRODUCT**

**Guardian** provides industrial strength OT and IoT security and visibility. It combines asset discovery, network visualization, vulnerability assessment, risk monitoring and threat detection in a single solution. Guardian accelerates security and simplifies IT/OT convergence.

**Central Management Console** (CMC) consolidates OT and IoT risk monitoring and visibility across many distributed sites, at the edge or in the cloud. It integrates with IT security infrastructure for streamlined workflows and faster response to threats and anomalies.

**SERVICE**

The **Threat Intelligence** service delivers ongoing OT and IoT threat and vulnerability intelligence. It helps you stay on top of the dynamic threat landscape and reduce your mean-time-to-detection (MTTD).

The **Asset Intelligence** service delivers ongoing OT and IoT asset intelligence for faster and more accurate anomaly detection. It helps you focus efforts and reduce your mean-time-to-response (MTTR).

**GUARDIAN ADD-ON**

**Smart Polling** adds low-volume active polling to Guardian’s passive asset discovery for enhanced asset tracking, vulnerability assessment and security monitoring.

**Remote Collectors** capture data in remote, distributed locations and send it to Guardian for analysis, improving visibility while reducing deployment costs.

---

**Nozomi Networks**

**The Leading Solution for OT and IoT Security and Visibility**

Nozomi Networks is the leader in OT and IoT security and visibility. We accelerate digital transformation by unifying cybersecurity visibility for the largest critical infrastructure, energy, manufacturing, mining, transportation, building automation and other OT sites around the world. Our innovation and research make it possible to tackle escalating cyber risks through exceptional network visibility, threat detection and operational insight.

© 2020 Nozomi Networks, Inc.
All Rights Reserved.
DS-AI-8.5x11-001

nozominetworks.com