NOZOMI NETWORKS

The Leading Solution for OT & IoT Security and Visibility

The Leader in OT & IoT Security and Visibility

Nozomi Networks accelerates digital transformation by providing exceptional network visibility, threat detection and operational insight for OT and IoT environments.

We make it possible to tackle escalating cyber risks to operational networks while modernizing your business to succeed in the future.

Let us put our passion for innovation and customer success to work for you, helping you ensure high cyber resilience and reliability.

See
All OT and IoT assets and behavior on your networks for unmatched awareness

Detect
Cyber threats, vulnerabilities, risks and anomalies for faster response

Unify
Security, visibility and monitoring across all your assets for improved resilience

Securing the World's Largest Organizations

9 of Top 20
Oil & Gas

7 of Top 10
Pharma

5 of Top 10
Mining

5 of Top 10
Utilities

Chemicals

Manufacturing

Automotive

Airports

Water

Building Automation

Food & Retail

Logistics

Smart Cities

Transportation

Global Footprint

57,200,000+
OT, IoT and IT Devices Monitored

5,000+
Installations Worldwide

Worldwide Offices

London, UK

Amsterdam, The Netherlands

Calgary, Canada

Seoul, South Korea

Munich, Germany

Tokyo, Japan

Dubai, UAE

Global HQ
San Francisco, USA

Mexico City, Mexico

Damman, Saudi Arabia

Sydney, Australia

Milan, Italy

Singapore

European HQ
Mendrisio, Switzerland

Rio de Janeiro, Brazil

Perth, Australia

New Zealand

◆ Headquarters ◆ Offices

Partnering to Optimize OT and IoT Security

ABB

accenture

aws

Atos

Capgemini

Deloitte.

FIREEYE

GE Power

Google Cloud

Honeywell

IBM Security

Microsoft Azure

MITSUBISHI HEAVY INDUSTRIES

NTT

Orange Cyberdefense

Schneider Electric

SIEMENS
Ingenuity for life

T··Systems·

Telefónica

YOKOGAWA

Global Network
of SI, VAR and Distribution Partners

1,000+
Trained and Certified Professionals

Vantage

SaaS-Powered Security and Visibility of OT and IoT Networks

Nozomi Networks **Vantage™** leverages the power and simplicity of software as a service (SaaS) to deliver unmatched security and visibility across your OT, IoT, and IT networks.

Vantage accelerates digital transformation for the largest and most complex distributed networks.

You can protect any number of OT, IoT, IT, edge and cloud assets, anywhere.

Its scalable SaaS platform enables you to consolidate all of your security management into a single application, even as your networks quickly evolve.

Vantage delivers the immediate awareness of cyber threats, risks, and anomalies you need to detect and respond quickly and ensure cyber resilience.

Identify
Asset Discovery and Network Visualization

Assess
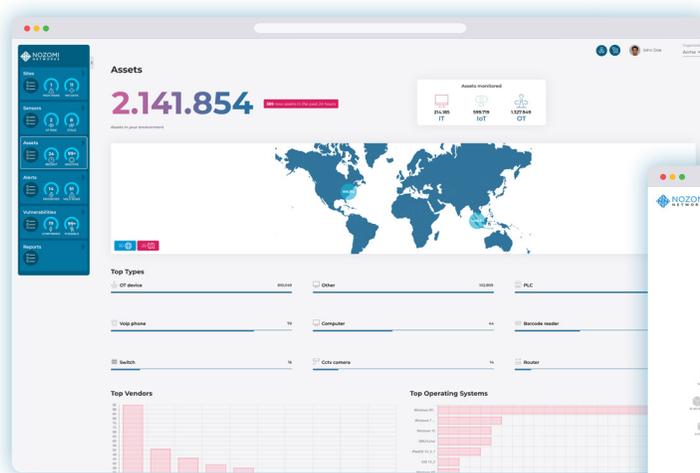Vulnerability Assessment and Risk Monitoring
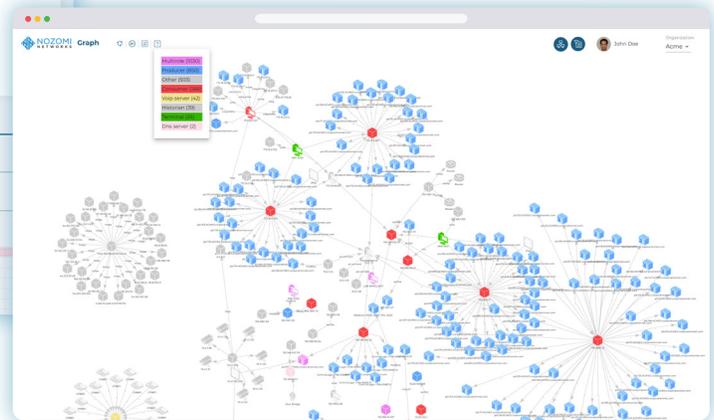
Detect
Advanced Anomaly and Threat Detection

Act
Accelerated Global Incident Response

Scale
Unified Security for All of Your Sites with the Power of SaaS

Identify — Assess — Detect — Act — Scale

Vantage Assets View summarizes all asset activity on your network for rapid assessment.

Network Visualization View displays all assets communicating on your network for real-time awareness.

Automatically Track Your OT and IoT Assets

Up-to-Date Asset Inventory

Eliminates blind spots and increases awareness with automated asset inventory

Intuitive Dashboards

Generates macro views as well as detailed information on assets and connections

Quickly Detect and Disrupt Threats and Anomalous Behavior

Continuous Monitoring

Continuous monitoring of all supported protocols: OT, IoT and IT

No critical blind spots in protection caused by limited monitoring or inadequate protocol support

Superior OT and IoT Threat Detection

Combines behavior-based anomaly detection with signature-based threat detection for comprehensive risk monitoring

Significantly Improve OT and IoT Risk Management

User-Centric Design Accelerates Response

Focuses attention on critical vulnerabilities and prioritizes activities that can maximize risk reduction

Improves response time and productivity with pre-defined playbooks that guide remediation efforts for specific teams against each type of threat
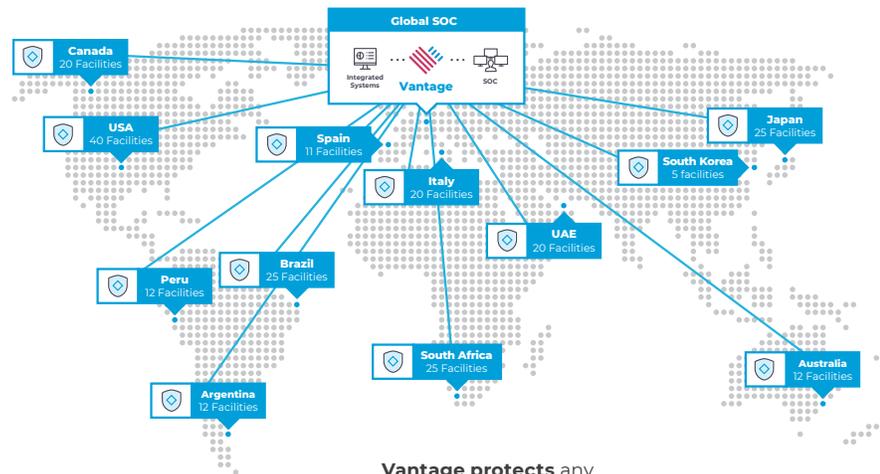
Detailed Alerts Provide Global Perspective

Consolidates data to create accurate high-priority alerts across a global network in a centralized dashboard

Readily Scale with Optimal Performance

Exceptional Global Visibility

Aggregates data from any number of Guardian sensors, deployed anywhere

Delivers customizable summaries of essential information with drill-down to individual sites or assets

Consolidated Monitoring of All Facilities

Enables centralized security risk management for all sites

Provides visibility into all OT/IoT environments

Global SOC

Integrated Systems — **Vantage** — SOC

Canada — 20 Facilities
USA — 40 Facilities
Spain — 11 Facilities
Italy — 20 Facilities
Japan — 25 Facilities
South Korea — 5 facilities
UAE — 20 Facilities
Peru — 12 Facilities
Brazil — 25 Facilities
South Africa — 25 Facilities
Australia — 12 Facilities
Argentina — 12 Facilities

**Vantage protects** any size network.

Guardian

Industrial Strength OT and IoT Security and Visibility

Nozomi Networks **Guardian™** delivers visibility, security and monitoring of OT, IoT and IT devices.

Guardian sensors send data to Vantage for consolidated security management anywhere, anytime from the cloud. They can also send data to the Central Management Console for aggregated data analysis at the edge or in the public cloud.

The world's top companies rely on Guardian to protect their critical infrastructure, energy, manufacturing, mining, transportation, building automation and other sites around the world.
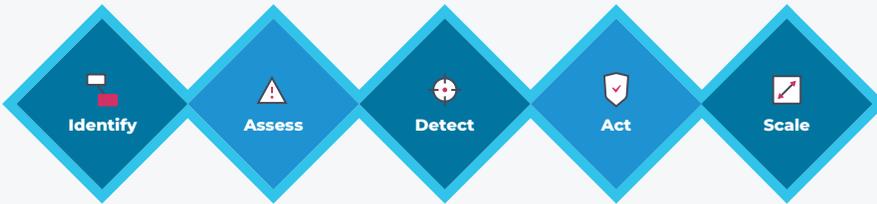
Identify **Assess** **Detect** **Act** **Scale**

Identify
Asset Discovery and Network Visualization

Assess
Vulnerability Assessment and Risk Monitoring
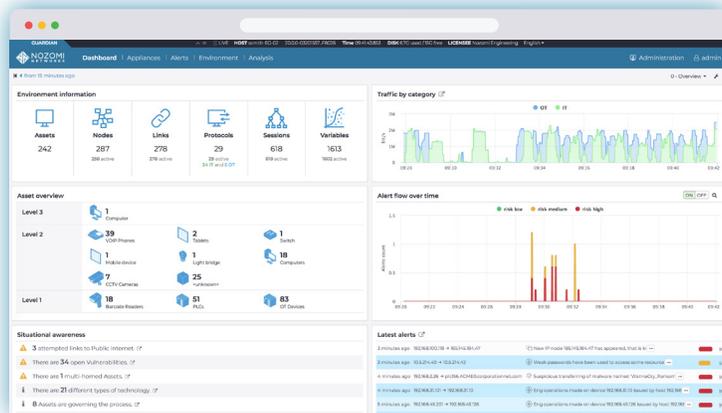
Detect
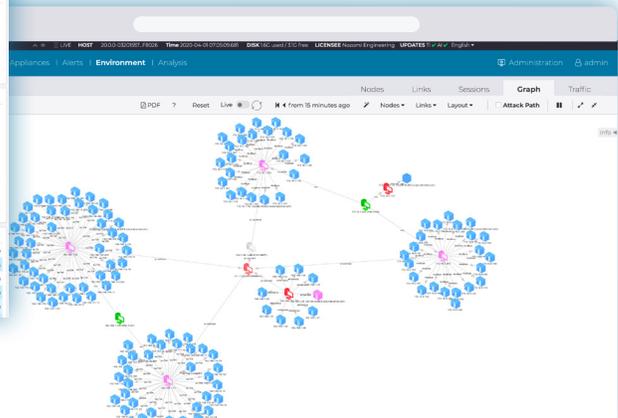Advanced Anomaly and Threat Detection

Act
Time-Saving Dashboards and Forensic Tools

Scale
Single Guardian Sensor Can Monitor 500K Assets

Portion of customizable
Guardian Dashboard.

Portion of interactive
Network Visualization Graph.

Automatically Track and Visualize Your Assets

Up-to-Date Asset Inventory

Eliminates blind spots and increases awareness with automated asset inventory

Provides extensive node information and identifies risks such as alerts and vulnerabilities

Reduced Risk Through Network Visualization

Provides instant awareness of your OT/IoT networks and their activity patterns

Presents key data such as traffic throughput, TCP connections and protocols used between nodes and zones

Quickly Detect Threats and Anomalous Behavior

Continuous Monitoring

Continuous monitoring of all supported protocols: OT, IoT and IT

No critical blind spots in protection caused by limited monitoring or inadequate protocol support

Superior OT and IoT Threat Detection

Uses behavior-based anomaly detection plus signature-based threat detection for comprehensive risk monitoring

Consolidates and correlates alerts

Guardian Sensors
for any Environment

Large Enterprises

- Up to 500,000 Nodes
- 3-6 Gbps Max. Throughput

Mid-enterprises

- Up to 40,000 Nodes
- 250 Mbps-1 Gbps Max. Throughput

Ruggedized Environments

- 500-5,000 Nodes
- 100-800 Mbps Max Throughput

Portable Scenarios

- 2,500 Nodes
- 200 Mbps Max. Throughput

Remote Site Data Collectors

- Up to 15 Mbps Throughput
- Send data to Guardian for analysis
- Virtual sensor also available

Virtual Environments and Containers

VIRTUAL SENSOR

- 1,000-40,000 Nodes
- 1 Gbps Max. Throughput
- Up to 400,000 Network Elements[1]

CONTAINER EDITION

- Gatewatcher
- Siemens RUGGEDCOM

[1] Network Elements: The sum of nodes, links, variables. For more details, visit: **nozominetworks.com/techspecs**.

Central Management Console

Consolidated OT and IoT Security and Visibility for Distributed Sites

Nozomi Networks **Central Management Console™** (CMC) delivers consolidated OT and IoT security and visibility. It analyzes data from multiple Guardian sensors on one site, or data from multiple sites.

Whether you're consolidating visibility and risk management at the edge or in the public cloud, the CMC is fast and simple to deploy.

Consolidate · **Visualize** · **Scale** · **Respond**
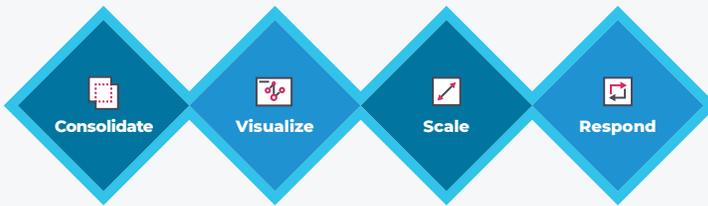
Consolidate
Asset Discovery and Network Visualization

Visualize
Vulnerability Assessment and Risk Monitoring

Respond
Advanced Anomaly and Threat Detection

Scale
Unified Security for Multiple Distributed Sites

CMC Appliances
In the Public Cloud or at the Edge

Mid-Enterprise

- 50 Max. Managed Guardian Sensors[1]
- 250 Mbps–1 Gbps Max. Throughput
- 600,000 Max. Protected Network Elements[3]

Cloud or Virtual Environments

- Cloud - Amazon AWS and Microsoft Azure
- Virtual - Hyper-V 2012+, KVM 1.2+, VMware ESX 5.x+, XEN 4.4+
- 400 Max. Managed Guardian Sensors[2]
- 2,000,000 Max. Protected Network Elements[3]
- 100+ GB Storage

[1] Depending on the existing deployment architecture. [2] Depending on the existing virtual infrastructure and deployment architecture.
[3] Network Elements: The sum of nodes, links, variables. For complete and current tech specs, visit **nozominetworks.com/techspecs**.

Enhance Vantage for **Expanded Visibility** and **Threat Detection**

SUBSCRIPTION
Threat Intelligence

Reduces risks by shrinking the mean-time-to-detect (MTTD), minimizing impacts

Delivers regular updates to detect emerging threats and new vulnerabilities

Consists of rules, signatures and vulnerability updates created and curated by Nozomi Networks Labs, a team of expert security researchers

Complete details available at:
nozominetworks.com/threat-intelligence

SUBSCRIPTION
Asset Intelligence

Reduces risks by decreasing the mean-time-to-respond (MTTR) to operational anomalies

Delivers regular updates for faster and more accurate anomaly detection

Updates Guardian's anomaly detection technology with device profiles and behavior data based on analysis of millions of assets in use at sites around the world

Complete details available at:
nozominetworks.com/asset-intelligence

GUARDIAN ADD-ON
Smart Polling

Adds low-volume active polling to Guardian's passive asset discovery

Identifies non-communicating assets and rogue devices

Delivers accurate vulnerability assessment for fast and efficient response

Complete details available at:
nozominetworks.com/smart-polling

GUARDIAN ADD-ON
Remote Collectors

Supplements Guardian's data via low-resource sensors for distributed locations

Collects data and sends it to Guardian for further analysis

Reduces deployment costs for wilderness, off-shore or other isolated locations

Complete details available at:
nozominetworks.com/techspecs

OT and IoT
Security and Visibility

Industrial Strength Cyber and Operational Resilience

You can protect a wide variety of mixed environments with rapid asset discovery, network visualization and accelerated security.
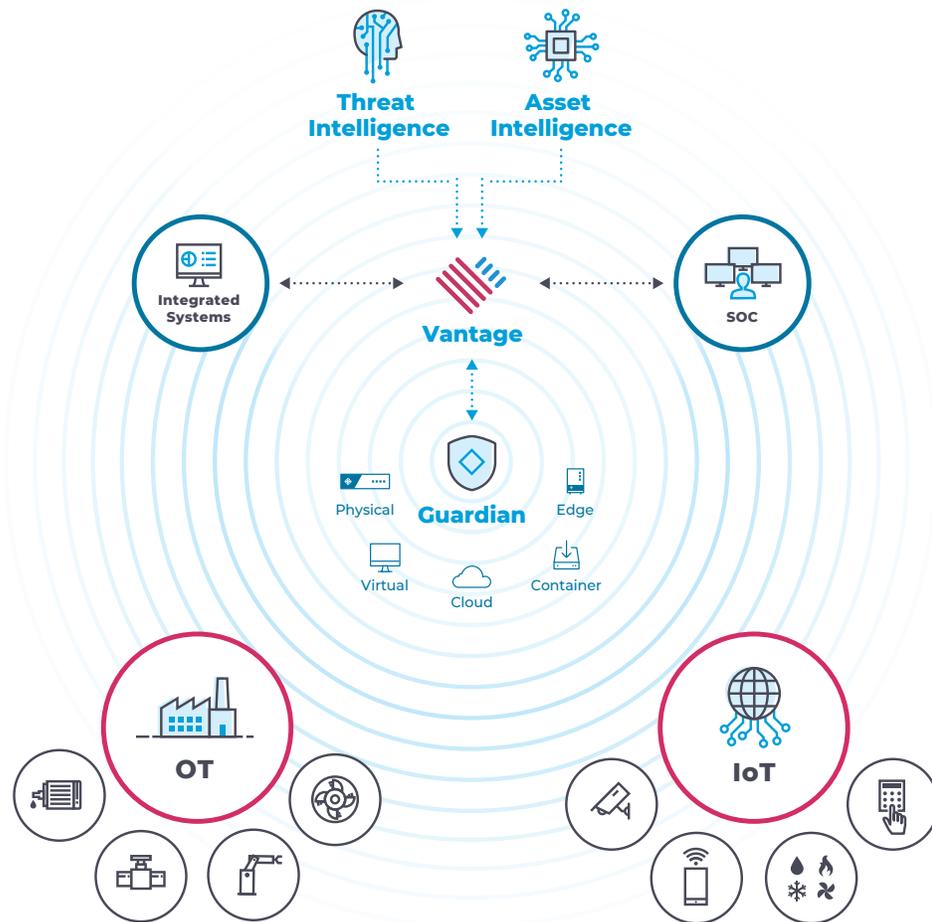
Respond to Incidents Faster

For the first time you can see all the assets on your network and know their behavior.

Our technology quickly and accurately detects malicious and anomalous activity.

You have the insights you need to understand and respond to threats before data theft or operational disruptions occur.

Sample Deployment Architecture

Purdue Model Example

You can tailor the Nozomi Networks solution to meet your needs by utilizing its flexible architecture and integrations with other systems.
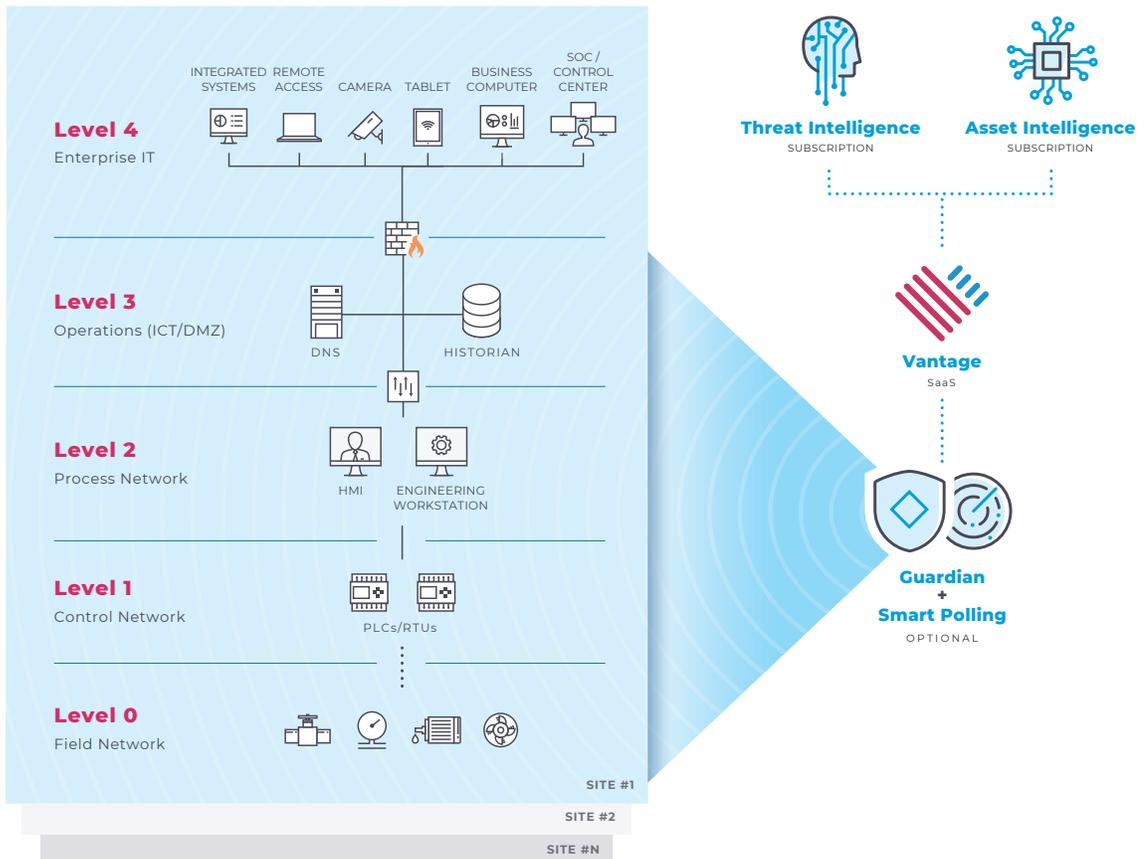
World Class Partners

Nozomi Networks partners deeply with the IT/OT services and technology companies you trust. These include:

- **Strategic alliances** with enterprise IT and managed security providers
- **Technology integrations** with leading IT/OT solutions
- **Global network** of SI, VAR and distribution partners

Visit **nozominetworks.com/partners** for more information.

Products **and** Services

SAAS
Vantage

Vantage accelerates security response with unmatched threat detection and visibility across your OT, IoT and IT networks. Its scalable SaaS platform enables you to protect any number of assets, anywhere. You can respond faster and more effectively to cyber threats, ensuring operational resilience.

Requires Guardian sensors.

EDGE OR PUBLIC CLOUD
Central Management Console

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

SUBSCRIPTION
Threat Intelligence

The Threat Intelligence service delivers ongoing OT and IoT threat and vulnerability intelligence. It helps you stay on top of emerging threats and new vulnerabilities, and reduce your mean-time-to-detect (MTTD).

GUARDIAN ADD-ON
Remote Collectors

Remote Collectors are low-resource sensors that capture data from your distributed locations and send it to Guardian for analysis. They improve visibility while reducing deployment costs.

EDGE OR PUBLIC CLOUD
Guardian

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 application. Guardian shares data with both Vantage and the CMC.

SUBSCRIPTION
Asset Intelligence

The Asset Intelligence service delivers regular profile updates for faster and more accurate anomaly detection. It helps you focus efforts and reduce your mean-time-to-respond (MTTR).

GUARDIAN ADD-ON
Smart Polling

Smart Polling adds low-volume active polling to Guardian's passive asset discovery, enhancing your asset tracking, vulnerability assessment and security monitoring.

What to Look for in an **OT** and **IoT** Security and **Visibility** Solution

Technology advancements, such as those found in the Nozomi Networks solution, can dramatically improve security and reliability.

When choosing a solution, look for the following characteristics:

- ✓ **Comprehensive visibility of all assets in your network**
- ✓ **Advanced threat detection**
- ✓ **Accurate anomaly alerts**
- ✓ **Proven scalability**
- ✓ **Easy IT/OT integration**
- ✓ **Global partner ecosystem**
- ✓ **Exceptional customer engagement and support**

See the Nozomi Networks Solution in Action

If you would like to see our solution in action, and experience how easy it is to work with Nozomi Networks, please contact us at **nozominetworks.com/contact**

Contact Us

Want to **Know** **More**?

DATA SHEET
Vantage

DOWNLOAD

DATA SHEET
Guardian

DOWNLOAD

DATA SHEET
Central Management Console

DOWNLOAD

DATA SHEET
Threat Intelligence

DOWNLOAD

DATA SHEET
Asset Intelligence

DOWNLOAD

Nozomi Networks

The Leading Solution for
OT and IoT Security and Visibility

Nozomi Networks accelerates digital transformation by protecting the world's critical infrastructure, industrial and government organizations from cyber threats. Our solution delivers exceptional network and asset visibility, threat detection, and insights for OT and IoT environments. Customers rely on us to minimize risk and complexity while maximizing operational resilience.

nozominetworks.com