



SOLUTION BRIEF

Optimize Zero Trust User Access to Critical Infrastructure with Automated Asset Visibility and Insights

Deploy zero trust principles efficiently with an integrated solution from XONA and Nozomi Networks.

Organizations are navigating digital transformation amidst increased security risk, global competition, and the pressure to deliver improved capacity ever more efficiently. Alongside constant pressure to increase performance at a lower cost, companies must deal with the changing relationship with their workforce. This adjustment has affected how administrators manage employee and vendor access to critical production systems.

For this reason, XONA and Nozomi Networks have partnered to introduce a solution which improves the oversight of digital transformation projects by addressing controlled access within a zero trust framework. The solution's key benefit is granular user-to-asset access in combination with asset inventory management. The solution addresses this complex challenge while ensuring that comprehensive network visibility can be automated to assist with the management of needed access to critical infrastructure.



At a time when zero trust is a cybersecurity imperative, we are pleased to be working with XONA to provide critical asset information to security administrators who manage direct access to critical OT systems.

Chet Namboodri
Senior Vice President of Business Development & Alliances, Nozomi Networks

Pressure to Raise Network Security Drives Innovation

XONA and Nozomi Networks Have Combined Their Expertise to Deliver a Solution

The XONA Platform is purpose-built to provide frictionless and compliant user access to critical assets and protect these assets from cyber threats posed by distributed workers and remote work environments without adding complexity. Integrated with asset discovery provided by the Nozomi Networks platform, administrators can reliably manage access to their hybrid networks securely.

The combined solution does not depend on cloud access to operate, including no network reconfigurations. Both solutions are browser-based and do not require agents, cloud, or the installation of a native software client. The net benefit of using both solutions together includes:

- Reduced administration and operational complexity to support safe, secure, and reliable OT remote and mobile operations
- Flexible configuration options, centralized management, and support for everything your internal and third-party users need
- Reduced mean time-to-resolution (MTTR) and improved uptime and reliability while lowering the total cost of ownership and operations
- Creation of automated asset inventory library for complete third-party access management

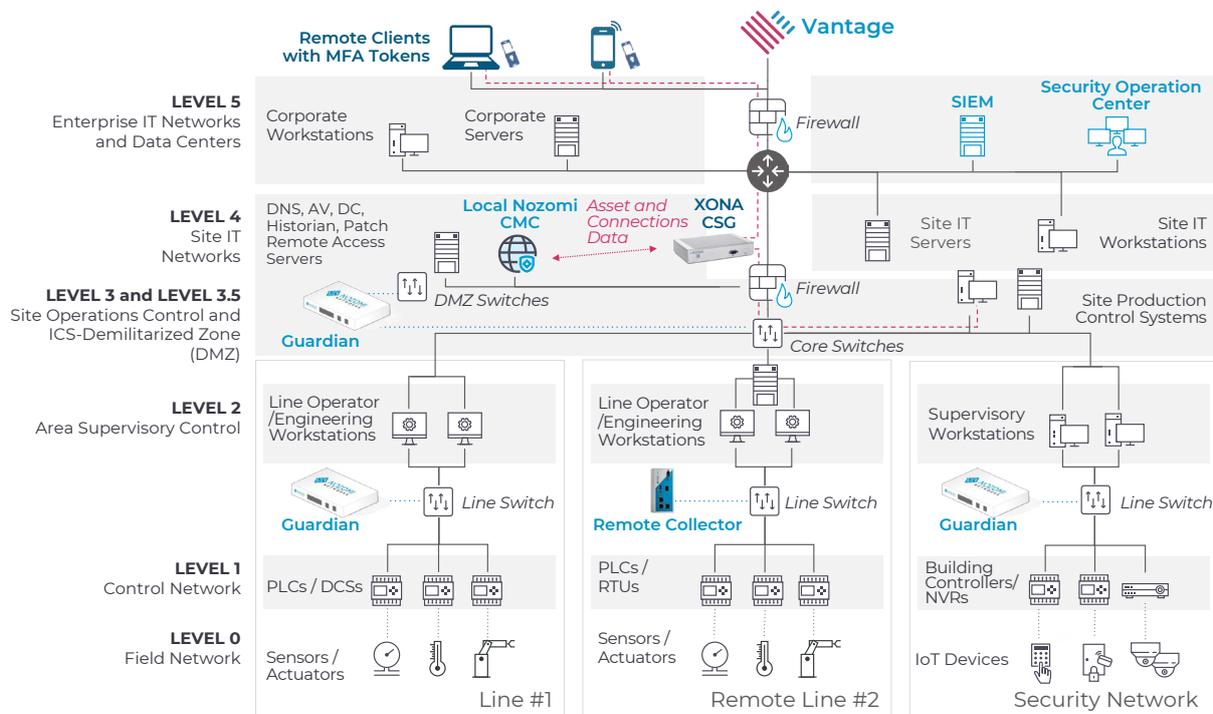


Figure 1 - Sample Nozomi Networks-XONA solution in a manufacturing environment.

The Integration of Two Powerful Solutions

Simple and Compliant Access to Critical Assets

The XONA Platform consists of two main software products: the Critical System Gateway (CSG) and the Remote Operations Access Manager (ROAM). The CSG is a robust access gateway that meets the customer need for a simple, secure, and cost-effective solution for users to access and operate critical OT assets, while ROAM is a centralized management platform designed to provide a single point of management for a network of CSG appliances.

- 1. Simple and flexible operation** – XONA can be easily implemented and configured by customers or their contractors in less than half a day.
- 2. Efficient interfaces** – The CSG can interface with IT cybersecurity tools including firewall/UTMs, MFA tokens,

IdPs, and SIEMs as well as OT asset discovery and cybersecurity solutions.

- 3. Reduces operational costs** – XONA allows companies to use less manpower at remote sites. XONA can be used by operators, contractors and vendors to securely access, patch and control critical systems remotely or locally using tablets for mobile plant operations.
- 4. Mitigates operational and training issues** – Supervisors, engineers and control room operators can monitor field-based technicians in real time and provide guidance and training for new procedures or new technicians.
- 5. Meets compliance standards** – including IEC 62443, NIST 800-53 and NERC CIP.

Automated Asset Visibility and Process Analytics

Nozomi Networks offers a complete range of best-in-class hardware, software and cloud-based OT, ICS and IoT security and visibility products, offering customizable alerts, reporting, and time stamped historical data capture for troubleshooting anomalies. The Nozomi Networks platform includes:

- **Dashboard** – The centerpiece is Vantage, a SaaS-based platform which provides flexibility, visibility and security across OT and IT environments. An on-premise solution, Central Management Console (CMC), is also available for local security implementations.
- **Data Collection** – Centered on the Guardian platform which includes options for standard, ruggedized

and remote sensors for threat and vulnerability detection (both hardware and software options are available). Data collection includes the option for Smart Polling which can be customized to keep your core network asset information up to date.

- **Asset Intelligence** – a subscription software service that helps customers identify and respond to the most important operational and security alerts faster.
- **Threat Intelligence** – a subscription service to continuously monitor operational environments for emerging threats and vulnerabilities. Threat Intelligence is also available as a feed for third-party platforms.

About XONA



XONA enables frictionless user access that's purpose-built for operational technology (OT) and other critical infrastructure systems. Technology agnostic and configured in minutes, XONA's proprietary protocol isolation and zero-trust architecture immediately eliminates common attack vectors, while giving authorized users seamless and secure control of operational technology from any location or device. With integrated MFA, user-to-asset access controls, user session analytics, and automatic video recording, XONA is the single, secure portal that connects the cyber-physical world and enables critical operations to happen from anywhere with total confidence and trust.

Visit us at www.xonasystems.com

The Nozomi Networks Advantage

Anticipate

Unparalleled OT and IoT visibility helps you foresee potential security and reliability threats long before they impact operations.

Diagnose

We go beyond OT and IoT anomaly detection to help you diagnose the root causes of unexpected process changes and deviations from baseline behavior.

Respond

Actionable intelligence and guided remediation provide the insight you need to accelerate your response to critical OT and IoT security breaches and process control issues.

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.