txOne networks | Keep the Operation Running

The TXOne 2024
OT Cybersecurity
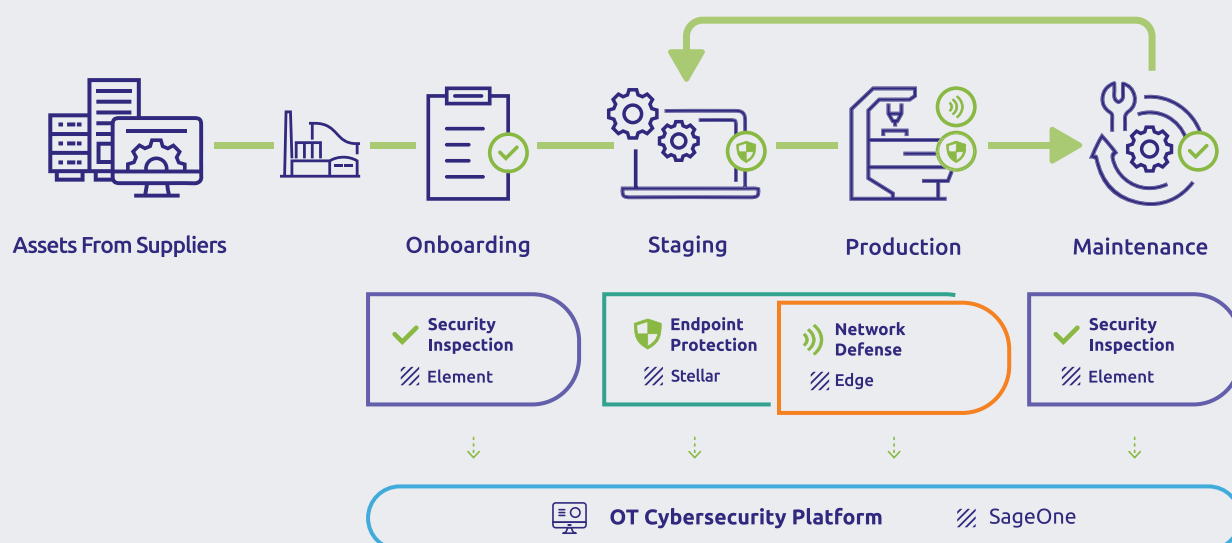# Portfolio

OT Cybersecurity. **Simplified.**

Bringing Operation Focus to OT Security

Here at TXOne Networks, we aim to create a world where cybersecurity supports advancements in industrial innovations. Our OT Zero Trust framework is set up to protect Cyber-Physical Systems (CPS) throughout their entire lifecycle. It consists of security inspection, endpoint protection, and network defense, with a centralized management platform.

Asset Lifecycle Protection

The TXOne OT Zero Trust framework protects critical assets throughout their entire lifecycle with layered security solutions including security inspection, endpoint protection, and network defense. A security platform is built on top of these to offer security visibility and controls from a universal standpoint.

Assets From Suppliers	Onboarding	Staging	Production	Maintenance

Security Inspection
/// Element

Endpoint Protection
/// Stellar

Network Defense
/// Edge

Security Inspection
/// Element

OT Cybersecurity Platform   /// SageOne

Security Inspection
Element

The Element product line enables security inspection for assets and removable storage media. Integration with existing protocols gives operational staff the ability to perform regular digital sanitation and inventory management tasks.

Portable Inspector scans critical assets to keep them malware-free.

Safe Port sanitizes portable storage media to maintain cyber hygiene.

ElementOne consolidates scan results to establish a security inventory overview.

- ☑ 3-in-1 triad of security inspection tools that works individually and collaboratively
- ☑ Self-contained technical design with zero need for installation
- ☑ Secure the supply chain by inspecting incoming and outgoing devices and media
- ☑ Transfer data across assets securely with AES-256 encryption
- ☑ Streamline regulatory compliance and auditing
- ☑ Collect and aggregate system vulnerabilities from each asset

Element inspects your OT environment

Against external threats

- Removable media sanitizer
- Secure file transferring

Holistic view for everything

Manage and update patterns

- A holistic view for risk assessment
- Detailed malware-free report
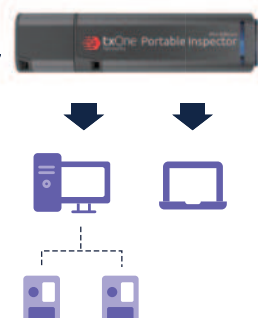- Easy management of your
- Portable Inspector and Safe Port

LOG

LOG

Secure file transferring ➡

⬅ **Upload logs via Safe Port**

⬅ **Two-way malware pattern update**

Identify internal risks

- An agentless malware-free solution
- No need to reboot the target system
- Extend IT/OT visibility

Endpoint Protection
Stellar

Stellar is an OT-native endpoint security product in the form of pure software. It defends modern and legacy devices by actively preventing unauthorized changes to its baseline operations at the application and process level without interrupting normal operations.
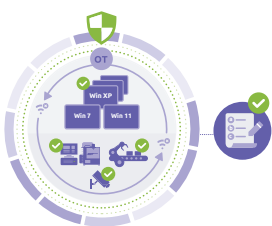
Learn More ▲

Operation Focus

Stellar circumvents the risk of unauthorized changes by focusing on comprehension of the operation and its devices and contextualizing them with security outcomes.

- ☑ OT Context-Focused Database
- ☑ Cyber-Physical System Detection & Response
- ☑ Trusted Peripheral Control

Uniquely Built for OT

Stellar protects assets without interfering with the operation. It mitigates environmental barriers to maintain cyber hygiene in OT.

- ☑ Broad System Support (as old as Windows 2000)
- ☑ Operationally Safe Response Actions
- ☑ Administrative Simplicity

Security Without Compromise

The different objectives and priorities between security and operations teams cause friction and frustration. Stellar removes the need for compromise by meeting the needs of each team concurrently.

- ☑ Market-Proven Security Methodologies
- ☑ Multi-Method Threat Defense

Network Defense
Edge

Edge introduces greater stability and resilience across OT networks. Identity-based zero trust access controls regulate traffic and operational commands sent between devices. Industry-informed protocol analysis techniques utilize prevention, detection, and remediation functions to promote operational stability.

Learn More ▲

EdgeFire is the ideal firewall designed purely for OT with VPN support.

EdgeIPS features a series of IPS appliances to suit OT environments of any size.

EdgeOne functions as the information and control center for your OT network security and Edge appliances.

- ☑ Microsegments the OT network to reduce its attack surface
- ☑ Multi-layer failsafe mechanism to ensure maximum operational continuity
- ☑ Master ICS protocols with security rules to attain true OT security
- ☑ A wide range of form factors to suit budget, capability, and mission complexity
- ☑ Extensive security reach by supporting both L2 and L3 policies
- ☑ Holistic visibility for connection, data flow, and protocol commands
- ☑ Centralized management of security nodes and policy deployments
- ☑ Adaptive baseline calibration with AI to simplify security configurations

OT Cybersecurity Platform
SageOne

SageOne aggregates all security intelligence from the entire TXOne portfolio and constructs an ultimate security platform. It is a cross-product mission control center with the capability to discover potential unknown risks by using AI-based correlations taken from multiple security control points and from various angles.
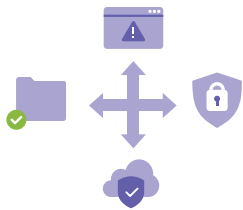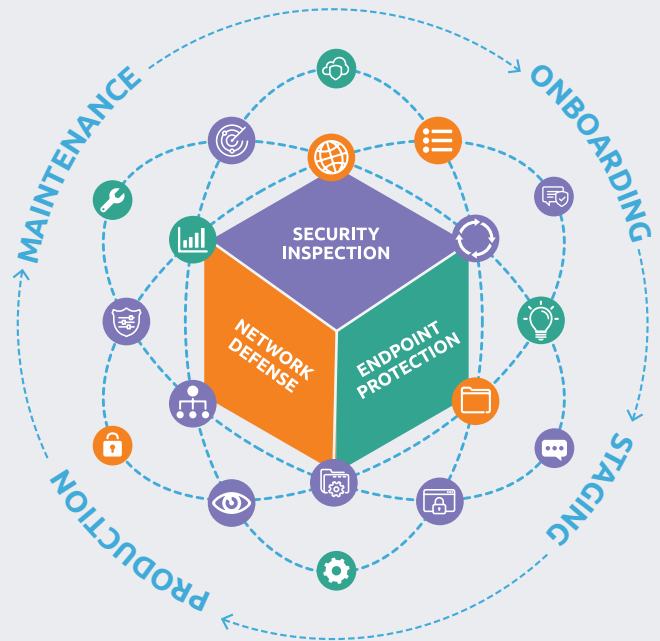
Asset Security Posture

SageOne outlines your security status from different angles with comprehensive visual aids. It offers holistic security information in a granular manner.

- ☑ Coverage of protected assets
- ☑ Asset health and anomaly detection
- ☑ Degree of cyber risk for each asset
- ☑ Asset lifecycle overview

Vulnerability Management

With the SageOne dashboard, asset owners can easily assess system vulnerabilities, set priorities, and execute remediation plans.

- ☑ Identify risks and operational impacts accurately
- ☑ Prioritize risks to be addressed from a macro perspective
- ☑ Mitigate risks efficiently and effectively

Context-Driven OT Security

SageOne correlates operational context with feedback data from security control points and provides truly insightful security suggestions.

- ☑ Multi-source data synthesis
- ☑ Cyber-Physical System Detection & Response
- ☑ Actionable security insights