# TXOne SageOne
TXOne CPS Protection Platform

Holistic Asset Visibility, Cross Sensor Insights, and Simplified Management

As the need for Cyber Physical Systems (CPS) in global industries increases, the shift from network-centric to asset-centric security is required to ensure defense against the rapidly changing cyber threat landscape.

TXOne offers the unified, zero trust TXOne SageOne platform to enhance operational resilience through the integration of network defense, endpoint protection, and security inspection solutions. SageOne comprises three critical security pillars:

• CPS attack surface management
• Integrated asset life cycle protection
• CPS detection and response

SageOne v1.2 provides asset security posture indicators, centralized management of sensors, and enhanced sensor configurations.
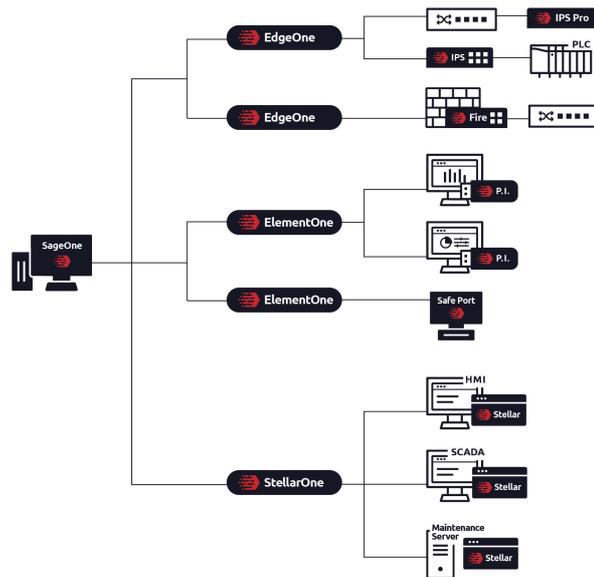
Benefits

Proactive Asset Risk Management

- Identify potential attack surfaces for assets and conduct comprehensive security posture assessments.
- Review asset ratings across multiple security metrics, comparing them along sites and recent trends.
- Gain insights based on applied solutions to aid prioritization and recommended responses.

Centralized Oversight and Collaborative Insights

- Empower teams with centralized monitoring, ensuring oversight of security measures across all products.
- Optimize operations and resource allocation by assigning security teams to appropriate tasks.
- Gain correlated insights into assets to maximize existing security solutions, even with limited manpower.

Integrated View of Asset Life Cycle Protection

- View comprehensive security posture indicators through the entire asset life cycle, from procurement to retirement.
- Implement security measures at each asset stage for continuous protection and minimized cybersecurity risks.

Data Analysis Insights

- Analyze data based on key patterns underlying TXOne product and respond based on actionable insights.
- Identify emerging threats, malicious patterns, and proactive security measures for effective risk mitigation.

Advanced Threat Detection and Response Coordination

- Utilize deep OT industry knowledge with SageOne to identify and respond to highly suspicious threats.
- Investigate and mitigate threats to prevent potential cyberattacks and minimize their impact.

Key Features

- **Actionable Insights**
  - Rapidly respond to critical OT security events detected by TXOne solutions.
  - Receive recommendations for unresolved malware, compromised assets, connections lost, or outdated patterns.

- **Asset Security Posture**
  - Comprehensive oversight of asset security status across all sites and security indicators.
  - Receive actionable recommendations to enhance your overall OT security posture.

- **Asset Management**
  - Effortlessly manage asset life cycles with advanced filtering and data export tools.
  - Apply tailored security solutions at each life cycle stage, optimizing your OT infrastructure.

- **Sensor Management**
  - Centralize management of TXOne solutions for streamlined security operations.
  - Access correlated insights across all assets, elevating your OT security effectiveness.

- **Vulnerability Management (WIP)**
  - Detect vulnerabilities through passive and host-based discovery, minimizing operational disruption.
  - Prioritize with compensatory controls, such as virtual patching and smart policy enforcement.

- **CPSDR Orchestration (WIP)**
  - Detect risks early by compiling and cross-analyzing data from multiple OT solutions.
  - Trace attack origins from OT to IT origins, enhancing threat intelligence.

Specifications

SageOne – Virtual Appliance					
Number of Assets	**vCores**	**Memory**	**Required IOPS (read/write speed)**	**System Disk Space**	**Data Disk Space**
100,000	96	192 GB	30,000		43 TB
32,000	32	64 GB	9,600		13.76 TB
16,000	28	56 GB	4,800		6.88 TB
8,000	24	48 GB	2,400	20 GB	3.44 TB
4,000	16	32 GB	1,200		1.72 TB
2,000	12	24 GB	600		860 GB
1,000	8	16 GB	300		430 GB
500	4	12 GB	150		215 GB
Supported Hypervisors	VMware ESXi 6.5 / VMware Workstation 17 Pro or later versions				
Supported Browsers	Google Chrome 90 / Microsoft Edge 90 / Mozilla Firefox 91 or later versions				