# System Lockdown Software for Mission-Critical Devices

Organizations today such as factories, health care centers, and utility companies are facing a growing number of cyber threats. Industrial control systems (ICS), industrial IoT assets, and the embedded devices essential to daily operations are all facing rapidly-increasing risk. Critical assets relying on older operating systems are especially vulnerable as they are likely difficult or impossible to patch, running with vulnerabilities attackers can easily exploit. TXOne StellarEnforce locks down sensitive assets, limits access, and preserves system resources with its simple and reliable trust list technology. Once deployed, this solution only allows the execution of approved applications necessary to daily operations, preventing the spread and execution of malware without reliance on pattern files or other resources.
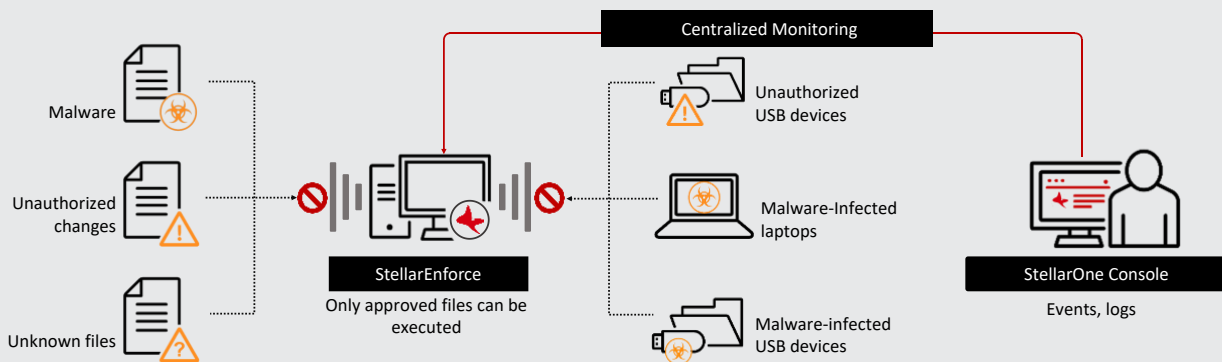
Benefits

4-in-1 Lockdown
- Operation Lockdown, USB Device Lockdown, Data Lockdown and Configuration Lockdown secure operational integrity while efficiently reducing both the chance of downtime and the cost of resilience
- Preserves and fits flexibly into your daily operations

Minimal Performance Impact
- The core framework of TXOne StellarEnforce™ protects systems by allowing only pre-registered applications and services to execute, resulting in negligible impact on system performance compared to traditional cybersecurity software (which requires an Internet connection, periodic updates, and regular malware scans)

Security Solution for Industrial Environment
- TXOne StellarEnforce is specifically designed for the critical industry environment, optimizing operational efficiency for mass deployment and maintenance while reducing the chance of downtime and operational cost

Easy Deployment and Maintenance
- All files that are allowed to execute on the terminal are automatically collected and registered to the trust list after installation
- The trust list will also be auto-updated for runtime operations during patching or maintenance to minimize downtime

Protect legacy operating system
- Specially designed to support EOS operating systems such as Windows XP and 2000

Secure Mission-Critical Devices
- Supervisory Control and Data Acquisition (SCADA)
- Human Machine Interfaces (HMIs)
- Engineering Workstations (EWS)
- PC-based controllers
- Database servers
- Fixed-function devices
- Industrial IoT devices

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Key Features

Agent

- Application trust listing
- USB device trust listing
- Maintenance mode
- Write protection
- Integrity monitoring
- File-less attack prevention
- Exploit protection
- Trust list management
- Pre-scan (malware inspection during install)
- Role-based administration
- Support for both scheduled and on-demand AV scans (StellarEnforce AV Edition)
- Log aggregation
- Intelligent runtime learning

Management Console (StellarOne™)

- Centralized monitoring
- Notifications designed to minimize alert fatigue
- Account management
- Syslog forwarding
- Trusted certificate management
- Support for IOC integration
- Integrate MITRE ICS IDs in event logs
- Scan exclusion management

TXOne StellarEnforce™ System Requirements

TXOne StellarEnforce™ Agent

	Client OS	Server OS
OS	Windows 2000 SP4 (32-bit) Windows XP SP1 or later (32-bit) Windows Vista (32-bit) Windows 7 Windows 8.x Windows 10	Windows 2000 Server SP4 (32-bit) Windows Server 2003 SP1/SP2 (32-bit) Windows Server 2003 R2 No-SP/SP2 (32-bit) Windows Server 2008/2008 R2 Windows Server 2012/2012 R2 Windows Server 2016 Windows Server 2019
CPU	Conforms to minimum OS system requirements	
Memory	Conforms to minimum OS system requirements	
Free Disk Space	300 MB or more	
Display Resolution	VGA (640x480) or more, 16 colors or more	

TXOne StellarOne™ Virtual Appliance

Target Max Managed Agent	20,000	15,000	10,000	5,000	1,000	500
vCore	8 Core	8 Core	8 Core	8 Core	8/4 Core	4 Core
Memory	16 GB	16 GB	16 GB	16 GB	16 GB	16 GB
1st HDD Size (Recommend)	25 GB	25 GB	25 GB	25 GB	25 GB	25 GB
2nd HDD Size (Recommend)	100 GB	50 GB	50 GB	50 GB	50 GB	50 GB
Supported Hypervisors	VMWare ESXi 6.X or above					
Browser	Microsoft Internet Explorer 11.0 Google Chrome 87 or latest Microsoft Edge 79 or latest Mozilla Firefox 78 or latest					

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