Industrial Defender
Protect solution

Defending against threats to automation system infrastructure
Industrial Defender Protect solution

Industrial control systems are undeniably becoming larger targets for hackers, bots and malware. Given the stakes, protecting against these threats is critical to ensuring the continued reliability, availability and performance of automation systems.

Through a partnership with Industrial Defender, Schneider Electric is able to offer the company’s Automation Systems Manager (ASM). Its Protect solution includes the capabilities of both the Monitor and Manage solutions, and bolsters your security program by delivering host-based intrusion prevention. With its whitelisting application, administrators define trusted applications for industrial endpoints, preventing malware propagation and rogue application execution. The Protect solution delivers the capabilities and situational awareness needed to unify automation system security, compliance and change management activities.

A single, unified view
Balancing security, compliance and change management activities becomes increasingly difficult, time consuming, and expensive as automation systems grow more complex and interconnected.

To meet this management challenge while minimizing administrative burdens, the Protect solution provides a ‘single pane of glass’ view into activities across a heterogeneous asset base. It automatically collects configuration data, including changes to configurations, software and patches, and provides automated policy management and exception identification. This eliminates tedious manual data collection from endpoints.

Protecting critical assets
The Protect solution extends beyond simple whitelisting. It secures critical assets against memory exploits within approved applications, while providing centralized administration and reporting.

This eases compliance with corporate IT requirements, as well as external regulations (i.e.: NERC CIP, CFATS, etc.).

Maximize the value of critical infrastructure
Unlike traditional, resource-hungry antivirus applications, the Protect solution’s whitelisting application does not require frequent updating. With the ability to extend to legacy systems, Protect is ideal for securing control systems where performance is critical and bandwidth is at a premium.

Defense in depth
While the defense in depth security model is well defined, its application within...
Addressing compliance challenges

Whether meeting the requirements of corporate auditors or government regulations, compliance is laborious and expensive. The Protect solution provides standard reports for meeting NERC CIP requirements, as well as customizable reports for measuring and reporting on key performance indicators.

A strong partner

Schneider Electric’s partner, Industrial Defender, is the global leader in security, compliance and change management solutions for industrial control systems. The company has more than a decade of experience dedicated to ICS cybersecurity, and has completed more than 10,000 global technology deployments to secure critical infrastructure systems in 25 countries. Its clients include many Fortune 100 companies.