INDUSTRIAL DEFENDER®

SOLUTION BRIEF

Safely Collect, Monitor & Manage OT Asset Data at Scale

THE CHALLENGE

Effective Cybersecurity Management for Industrial Control Systems

Multiple vendor systems, geographically dispersed plants and hard-to-reach endpoints make it difficult to effectively monitor, manage and protect control networks. Traditional IT security tools don't work inside these environments, yet IT teams still need to understand what is going on with their OT assets to effectively protect them from cyber threats. Because of this, building an effective and sustainable ICS cybersecurity program can feel like an overwhelming task.

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THE SOLUTION? INDUSTRIAL DEFENDER

Our solution helps companies apply foundational cybersecurity controls to protect the availability and safety of industrial control systems. Easy integrations into the broader security and enterprise ecosystem also empower IT teams with the same visibility, access, and situational awareness that they're accustomed to on corporate networks.

KEY BENEFITS

- A real-time view of OT assets to manage changes, monitor policy compliance and investigate anomalies
- Reduced cybersecurity risk with automated asset configuration collection and on-demand vulnerability management
- Monitoring of security and operational events across your asset inventory and at your perimeter
- Enterprise-level visibility, access and situational awareness for critical OT systems

Industrial Defender Use Cases

Asset Management

Knowing what you have in your environment is the first step to securing it. Industrial Defender provides a single view into your OT asset base. The Endpoint Risk Analytics Suite provides a graphical representation of your assets with the ability to drill down into individual asset health and provides a detailed risk score for each.

Security Event Management

Our event management engine delivers an unprecedented level of visibility and actionable security data to provide the foundation for a sustainable security program. By collecting, normalizing, and analyzing the vast amount of information provided by your control systems in one place, you can easily keep track of the security events that really matter.

Features & Capabilities

- Safely collect, monitor and manage OT asset data at scale
- Event logging, correlation and archiving
- Centralized configuration policy management and tracking
- Ability to analyze changes across asset base and environment
- Vulnerability & patch management
- Scalable architecture, virtual machines to dedicated appliances
- Real-time monitoring of network traffic, critical processes, and systems health and performance
- Interoperability with 3rd party security technologies
- Default policies for NERC CIP, NIST 800-82 and NEI 08-09

Configuration Management

Automatically collects, normalizes, and reports changes affecting your control systems environment, regardless of vendor or location. You can easily create asset baseline configurations that our change detection engine compares with actual asset configuration data including ports and services, users, software, and patches and firewall rules.

Policy Management

Provides you with an easy way to create, deploy, and audit compliance with policies across your control systems environment. As a vendor-agnostic solution, policies can be written and applied to multiple assets, saving time and effort. We even include standard policies for NERC CIP, Nuclear Energy Institute (NEI) 08-09 and NIST SP 800-82.

Compliance Reporting

With a suite of built-in standard reports, including a NERC CIP reporting package and a host of others for internal policies, Industrial Defender eliminates the manual task of data collection and report generation. The reporting application allows you to configure report subscriptions for non-privileged users, allowing them to receive reports via email, server share, and SharePoint, ensuring the delivery of the real-time information to those who need it the most.

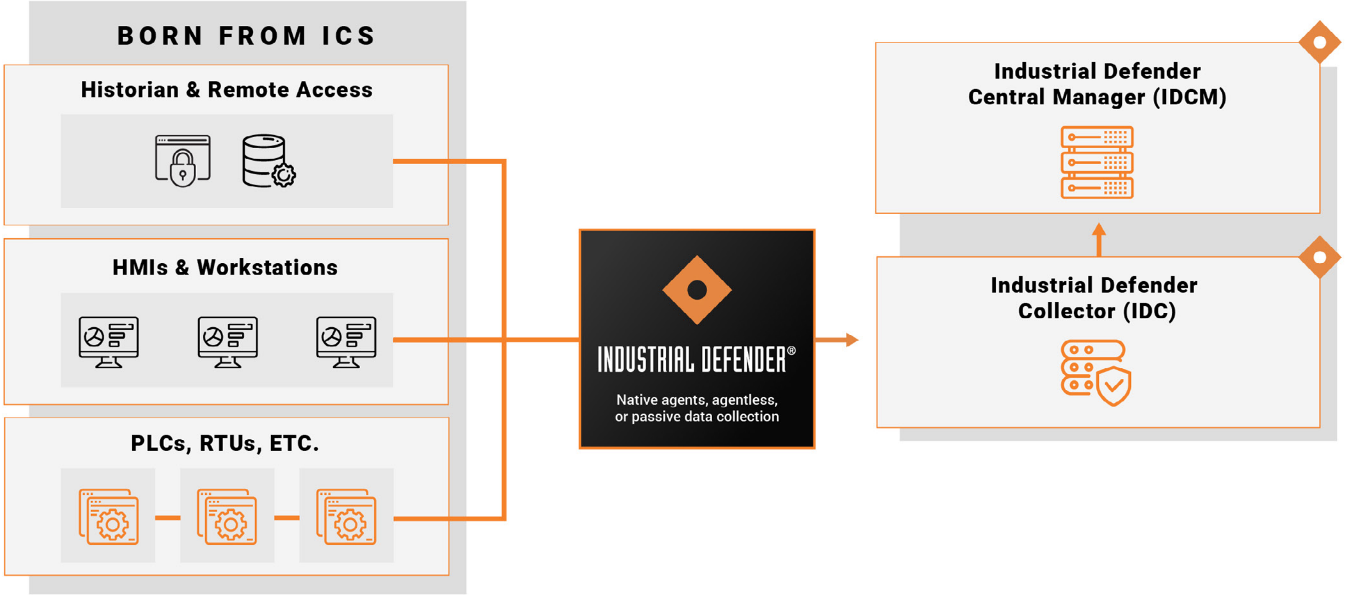
Vulnerability Monitoring

Our vulnerability monitoring combines the power of asset management with the accuracy and completeness of NIST's vulnerability database. This feature reports a current list of the potential Common Vulnerabilities and Exposures (CVEs) associated with your asset software inventory and provides information on patches available for these vulnerabilities.

Workflow Automation

This optional application suite integrates document management and reporting as part of a structured workflow. It enables ICS professionals to initiate, track, approve, document, and report on changes made to control systems assets and improves control systems operational effectiveness. Users can store all documents related to a change including emails, test approvals, and configuration files in one place.

Industrial Defender Architecture


BORN FROM ICS
Historian & Remote Access
HMIs & Workstations
PLCs, RTUs, ETC.
INDUSTRIAL DEFENDER®
Native agents, agentless, or passive data collection
Industrial Defender Central Manager (IDCM)
Industrial Defender Collector (IDC)

THE INDUSTRIAL DEFENDER DIFFERENCE

Since 2006, Industrial Defender has been solving the challenge of safely collecting, monitoring, and managing OT asset data at scale, while providing cross-functional teams with a unified view of security. Their specialized solution is tailored to complex industrial control system environments by engineers with decades of hands-on OT experience. Easy integrations into the broader security and enterprise ecosystem empower IT teams with the same visibility, access, and situational awareness that they're accustomed to on corporate networks. They secure some of the largest critical control system deployments with vendors such as GE, Honeywell, ABB, Siemens, Schneider Electric, Yokogawa and others to protect the availability and safety of these systems, simplify standards and regulatory requirements, and unite OT and IT teams.

SCHEDULE A DEMO

FOR MORE INFORMATION

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