

Industrial Cyber Security Risk Manager

Product Information Note

Honeywell's Industrial Cyber Security Risk Manager is a single pane of glass for operations, IT & leadership teams to measure and manage the industrial cyber security risks that matter the most.

The Challenge: Industrial companies need access to real-time cyber risk reporting to automate highly labor intensive efforts to:

- Perform ongoing reporting on industrial cyber security compliance, liability and program status to corporate boards, insurers, government authorities and financial institutions such as banks and debt rating agencies.
- Safely, without risking negative impacts to safety or availability, access and aggregate process control network (PCN) cyber security status information into real-time, enterprise-wide, cyber security and risk management systems.
- Provide actionable information to measure the customer's high priority industrial cyber risks, and take action.



Image 1. Risk Manager Main Dashboard

The Opportunity:

Industrial cyber security has risen to the list of top 5 enterprise risk concerns for critical infrastructure companies. With more knowledgeable corporate boards and executive leadership teams, these companies are building industrial security programs which require:

- A platform that delivers real-time measurement and management of the cyber security risks that matter the most for PCN
- A single pane of glass for operations, IT & leadership teams to measure and manage the most important industrial security risks across the enterprise
- Intuitive interface with site/company specific KPIs and drill down detail into customer's security posture
- Analysis of raw data determines threats, vulnerabilities, & compromise indicators.

Product Summary - Key Features & Benefits

Risk Manager provides a real-time cyber risk reporting platform built for industrial companies

- Informs board decisions including industrial cyber security compliance, liability and cyber resilience-related issues

- Tested in industrial environments to safely gain visibility into process control network cyber security status
- Enables reporting at the plant or across the industrial enterprise

Measures and manages high priority industrial cyber risk, to mitigate threats and improve cyber security compliance

- Prioritizes via patent-pending Honeywell analytics
- Manages across process control networks, manufacturing, and critical infrastructure inventories

Speeds & simplifies PCN cyber reporting, to reduce labor costs & improve security posture

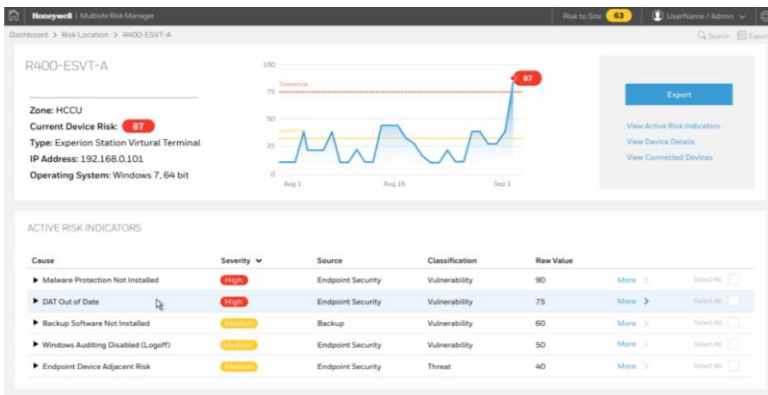


Image 2. Consolidated Threat Intelligence

Feature Details:

Monitor Hundreds of Assets

Risk Manager integrates with leading network and endpoint security products to accurately measure threats as they occur. Integration with enterprise security platforms such as Security Information and Event Management systems (SIEM) enables ICS cyber risk to be considered in enterprise security decisions.

- Tracks and inventories assets on the network, including network infrastructure devices, windows PCs and servers
- Monitors for removable media cyber risk by alerting operators if an unprotected USB device is inserted into the system
- Detects “dark devices” — those assets that are communicating on the network but aren’t being monitored for cyber risk — so they can be properly managed
- Collects status and security events from applications and all major network infrastructure devices including Intel Security, Cisco and others
- No need to worry about reconfiguring the system with each Risk Manager upgrade. You can be confident that your configuration and risk settings will be preserved which makes maintenance easy for administrators
- Have one consolidated view of cyber risk intelligence from multiple point products for a true understanding of your site-wide posture.

Measure the Industrial Security Risks that Matter the Most

Risk Manager understands that in an industrial control system, networks and devices are interconnected to form systems that are greater than the sum of their parts. Understanding these relationships, Risk Manager is able to determine how risks to one area might impact other areas.

- Risk Gauges provide a clear indication of where risk is originating by aggregating risk items in categories— endpoint, network, backup and patching
- Track risk over time and generate reports for various stakeholders based on historical risk information
 - Detailed data exports for engineers and power users
 - Concise reports of the most important trends and indicators for managers and executives
 - Internal system health monitoring provides an infrastructure to monitor and report on the health and status of the Risk Manager system
 - System health summary and detail pages provide the status of Risk Manager internal services. Users always know of errors that might affect operational performance or the accuracy of risk calculations.

Risk Manager is provided as a purpose-built server with software installed. It is deployed at Level 3 and is accessed via a web-based interface.

ICS Tracking and Monitoring

Experion Support

- Experion R400.2 and onward
- Experion R410.x
- Experion R430.x
- Experion R431.x
- Experion R432.1

Windows Computers

- Windows 7
- Windows 10
- Windows 2008

- Windows 2008R2
- Windows 2012
- SNMP v1 & v2 Windows 8 Pro

Windows Host Security Programs

- **McAfee 8.8:** VSE +ASE 8.8 Patch 8, Engine 5600, ePO 5.3.1, Agent 5.0.4
- **Symantec:** SEP 12.1 RU3 minimum
 - **McAfee White Listing Solution** – WLM 5600
 - ePolicy Orchestrator 5.3.1 and Agent 5.0.4
- Symantec Anti-Virus
 - Symantec Endpoint Protection 12.1 RU 3 (minimum)
- Bit9 Application Whitelisting 120.1
- McAfee Application Whitelisting WLM R200.1 Update 1

Network Switches and Routers

- Network devices supporting SNMP v1 and v2
- Cisco
- Juniper
- Palo Alto
- Foundry
- Riverstone
- ATI
- 3Com
- Adtran
- Bay

Firewalls, Proxies, and Gateways

- Cisco
- Netscreen
- Juniper
- Checkpoint
- Blue Coat

Network IDS/IPS

- Cisco/Sourcefire Intrusion Prevention System
- Palo Alto Networks Next Generation Firewalls – VM-Series

Backup

- Experion Backup and Restore (EBR) R410
- Windows Backup and Restore

Installation, Maintenance and Support Services

During installation, Honeywell experts collaborate with customers on-site to identify all assets to be monitored. This is followed by a baseline assessment (included with the initial installation) to address known vulnerabilities and assign ratings to all risks. Retuning services re-establish baselines and account for changes in the threat environment.

Manage your ICS risk, with less effort

Improve compliance and protect high priority assets based on your cyber security thresholds

- Speed and simplify PCN cyber data reporting
- Automate and prioritize to save labor costs
- Related actions improve ICS security posture
- Safely gain visibility into your process control networks security status.

Why Honeywell?

Honeywell Industrial Cyber Security is the leading provider of cyber security solutions that protect the availability, safety and reliability of industrial facilities and help securely deploy IIoT technologies. Honeywell's complete portfolio includes cyber security software, managed industrial cyber security services, industrial security consulting and integrated security solutions. The portfolio leverages the company's industry-leading expertise and experience in process control. Businesses all over the world partner with Honeywell to address cyber security holistically and improve their cyber security posture with advanced technology, backed by continuous innovation and investment.

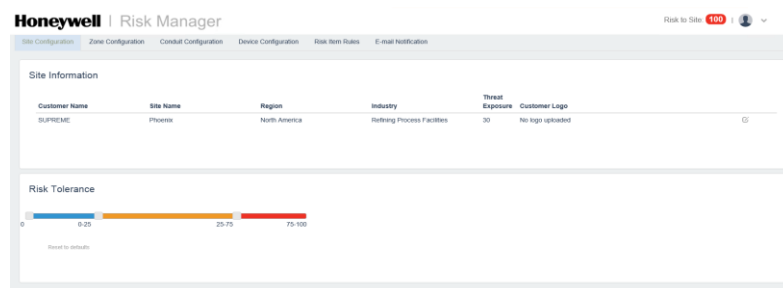


Image 3: Administrative Site Configuration

For More Information

To know more about Honeywell's Industrial Cyber Security Risk Manager, visit www.becybersecure.com or contact your Honeywell Account Manager, Distributor or System Integrator.

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PIN-17-11-ENG
April 2017
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