

REPLIL INDUSTRIAL PATCH MANAGER (IPM)















POWERED BY AI

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Introduction

REPLIL IPM (Industrial Patch Manager) stands as the world's pioneering solution in Industrial Patch Management, integrating cutting-edge Artificial Intelligence technologies. Designed to cater to the diverse needs of Critical Infrastructures such as Oil & Gas, Utilities, Water Treatment Facilities, Manufacturing Plants, and beyond, REPLIL IPM revolutionizes the management of patches across multiple automation vendors. By streamlining processes and enhancing visibility, REPLIL IPM ensures unparalleled efficiency and security in patch deployment and management.

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|  <p>OT Validated Patches
Streamline Industrial Patch Management From Any OT (ICS) Automation Vendors. Automate Correlation for Effortless Administration.</p> |  <p>Sandbox (Test & Approve)
Automated Testing of Single Patch or Multiple Automation Validated Patches in an Isolated Sandbox Environment.</p> |  <p>Artificial Intelligence (AI) Powered
Automatically Troubleshoot and Resolve The Issues Identified In the Patch Management Infrastructure.</p> |
|  <p>Multi-Automation Servers Management
Identify, Validate, Manage Multiple Patch Management Server (Native API, REPLIL Client)</p> |  <p>Baseline Management
Identify Any Discrepancies From Installed OS, Applications, Components and Network Devices Configuration.</p> |  <p>Customized Reporting
Drag & Drop Report Builder with Endless Possibilities, C-Level to Detailed Reports in 10+ different Formats.</p> |
|  <p>Agentless Design
Agentless Approach Inline to Multi-Automation Vendors Patch Management Designs and Strategy.</p> |  <p>Vulnerability Management
Passive Vulnerability Mapping against the OS, Application & Identified Patches to Prioritize Based on Criticality.</p> |  <p>Analytical Dashboards
Advanced Analytical Status and Dashboards for Key Patch Management Factors.</p> |
|  <p>Compliance
Meet Major Industry Compliance Standards (IEC 62443-2-3 / NCA / NERC / NIST etc.)</p> |  <p>SOC / SIEM Visibility
Get Enhanced Visibility of Validated Patches in SOC for Different Automation Vendors.</p> |  <p>IEC62443-2-3 Workflow
Incorporating The IEC62443-2-3 Recommendations & Workflows to reduce the gap in Industrial Patch Management.</p> |

- 1 **Industrial Focus:** Tailored specifically for critical infrastructures, REPLIL IPM addresses the unique challenges faced by industries operating multiple automation vendors.
- 2 **Artificial Intelligence Integration:** Harnessing the power of Artificial Intelligence, REPLIL IPM brings predictive capabilities to patch management, optimizing deployment strategies and minimizing vulnerabilities.
- 3 **Rapid Deployment:** Minimize patch deployment time and distribution efforts with REPLIL IPM's streamlined processes and automated workflows, ensuring swift response to emerging threats.
- 4 **Enhanced Visibility:** Gain comprehensive visibility into validated and approved patches, empowering administrators with the knowledge needed to make informed decisions regarding patch application.
- 5 **Real-Time Monitoring:** Monitor the patch status of facilities in real-time, ensuring that security postures remain up-to-date and resilient against potential cyber threats.
- 6 **Efficient Assessment and Maintenance:** Simplify the assessment, management, and maintenance of patches with REPLIL IPM's centralized platform, reducing administrative burdens and enhancing overall system reliability.
- 7 **Integration with SIEM:** Seamlessly integrate with Security Information and Event Management (SIEM) systems to provide centralized posture visibility, enabling organizations to proactively identify and respond to security incidents.

BENEFITS

- **Enhanced Security:** Mitigate the risk of cyber threats by ensuring timely patch deployment and maintaining an up-to-date security posture across critical infrastructures.
- **Operational Efficiency:** Streamline patch management processes to reduce downtime and optimize operational efficiency, enabling organizations to focus on core business objectives.
- **Compliance Assurance:** Facilitate compliance with industry regulations and standards by maintaining a comprehensive record of patch activities and security postures.
- **Cost Savings:** Minimize the financial impact of security breaches and system vulnerabilities by proactively managing patches and reducing the likelihood of cyber attacks.

DEPLOYMENT SCENARIOS

REPLIL IPM can be deployed in various process environments

- Converged environment
- Isolated environments (protected by data diode / no-internet)

COMPLIANCE SUMMARY

NERC STANDARD	REQUIREMENT	REPLIL (IPM) RESPONSE
CIP-007-6 R2 Part 2.1	A patch management process for tracking, evaluating, and installing cyber security patches for applicable cyber assets	IPM provides centralized management and compliance of multi-vendor environments and offers patch management lifecycle to ensure the attack surface is reduced.
CIP-007-6 R2 Part 2.2	At least once every 35 calendar days, evaluate security patches for applicability.	IPM Dashboard offers real-time required patches from Microsoft @ WSUS and approved patches by industrial vendors Yokogawa / Honeywell / Rockwell / Schneider etc.
CIP-007-6 R2 Part R2.3	For applicable patches identified in Part 2.2, within 35 calendar days of the evaluation completion, take one of the following actions: apply the applicable patches, create a dated mitigation plan or revise an existing mitigation plan	IPM offers auto-deployment and patch management lifecycle to identify the risks associated with the patch with 360-Degree view of complete environment.

Other supported standards ■ IEC 62443 ■ NCA

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