



WHITE PAPER

Optimizing Mean-Time-To-Resolution (MTTR) in OT and Delivering Faster Security Outcomes

Abstract

Operational Technology (OT) cybersecurity programs frequently encounter obstacles in deployment efficiency and time to value, with organizations struggling to achieve reduced Mean-Time-To-Resolution (MTTR) when addressing security incidents. Traditional point solutions that lack collaboration and integration capabilities are often slow, complex, and ineffective in delivering timely protection. This white paper explores how security practitioners can enhance MTTR by deploying Armis Centrix™ for OT/IoT Security, available as On-Premises, Hybrid, or Cloud Platform solution. With an integrated platform, asset contextualization, and AI based prioritization and mitigation, organizations can expedite security deployments, enhance visibility, and realize faster identification and mitigation of threats, ultimately improving their overall cybersecurity posture for their organization.

Introduction

The dynamic OT cyber threat landscape demands robust security measures. However, organizations often struggle with lengthy deployments and prolonged value realization from OT cybersecurity programs. One of the primary challenges stems from reliance on isolated point solutions that fail to provide comprehensive asset visibility and real-time security insights. Given the increasing frequency of cyberattacks targeting industrial and critical infrastructure, organizations require a more efficient and comprehensive solution to detect, respond to, and remediate threats.

By implementing an integrated and collaborative cyber exposure management and security platform that includes asset contextualization, and collaboration with the existing tech stack, organizations can improve their security program, shorten MTTR, and achieve faster, more impactful outcomes.

Point Solutions Misses The Point

Slow Deployment

Point solutions often require significant pre-planning, installation, and configuration efforts. Organizations face delays due to the need for specialized skills and infrastructure modifications, resulting in security gaps that are often evident even during the deployment phase. Moreover, point solutions often specifically target one issue in one area, often missing the big picture. Important indicators can be missed that can put critical infrastructure at risk.

Cumbersome Implementation

Standalone security tools demand complex configurations and manual processes, often making real-time threat detection and remediation challenging. The lack of seamless integration compounds the problem with an exorbitant amount of resources being dedicated to the implementation of these products without ever achieving the benefits promised to the organizations. Simply put, the juice may not have been worth the squeeze.

Accelerating OT Cybersecurity

Integration-Based Platforms: Streamlining Deployment and MTTR

Rapid Implementation: Armis Centrix™ is a platform based solution that seamlessly integrates with existing IT, OT and IoT environments. Unlike traditional security solutions that require complex deployment processes, Armis' approach enables immediate and comprehensive asset discovery and threat detection, reducing deployment time by up to 80%.

Enhanced Interoperability: By eliminating reliance on standalone security tools, Armis Centrix™ bridges traditional gaps and ensures seamless interoperability across IT, OT and IoT ecosystems whether converged or airgapped. Its API-driven integration facilitates real-time data correlation with collaboration to and from the entire tech stack without blindspots or limitations.

Asset Contextualization: Context-Driven Risk Management

Improved Risk Assessment: Armis Centrix™ leverages AI-driven asset discovery to contextualize devices within the OT environment. This approach enhances risk prioritization by identifying critical assets, assessing their exposure, and aligning security efforts with business priorities and operational resilience.

Targeted Mitigation Strategies: By understanding the function and risk profile of each asset, organizations can develop precise mitigation strategies that optimize resource allocation. Armis Centrix™ automates vulnerability assessments by identifying issues, deduplicating them, contextualizing, prioritizing, assigning and connecting the fix to the finding with actionable remediation steps, thus significantly reducing MTTR.

OT Field Engineering Collaboration: Bridging the IT-OT Divide

Operational Native UX/UI Design: Armis Centrix™ offers an intuitive interface that aligns with and promotes efficient operational workflows. This user-centric design ensures that field engineers can easily interpret security alerts and take immediate action, reducing response times.

Tailored Value for Stakeholders

- **Corporate Cybersecurity & IT Teams:** Gain centralized visibility, automated risk assessment, and real-time threat intelligence, enabling proactive security management without disrupting operations.
- **OT Field Engineering Teams:** Benefit from seamless integration into existing workflows, reducing false positives and ensuring that security controls align with operational constraints.

Quantifiable Benefits of Armis Centrix™ Deployment

Organizations deploying Armis Centrix™ have reported measurable improvements in OT cybersecurity efficiency:



80% Faster Deployment: No sensor installations or complex configurations, allowing for near-instant visibility and threat detection.



90% Improved Asset Visibility: Comprehensive discovery of all OT/IoT assets, including unmanaged and rogue devices.



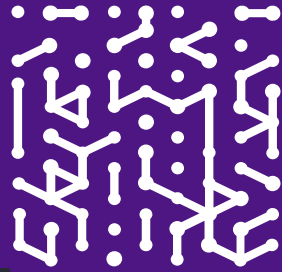
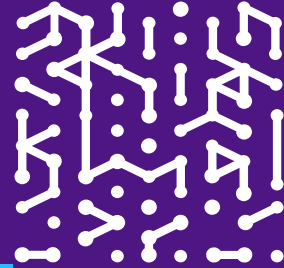
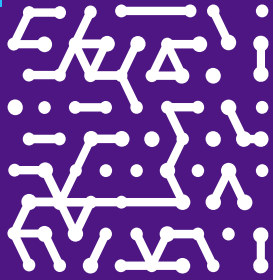
75% Reduction in MTTR: Faster identification and remediation of threats through automated risk insights and remediation workflows.



Significant Cost Savings: Reduction in manual security tasks and operational downtime due to automation-driven security enforcement.

Traditional point solutions that operate in isolation fall short in delivering rapid deployment and effective threat mitigation in manufacturing or critical infrastructure environments. By adopting Armis Centrix™ for OT/IoT Security—whether on-premises or SaaS-based—organizations can drastically reduce deployment times, improve MTTR, and enhance security outcomes. Armis Centrix™ empowers security practitioners with the tools and insights necessary to fortify their OT environments against evolving cyber threats. Organizations prioritizing faster response times, improved risk management, and seamless integration will find Armis Centrix™ to be a comprehensive and essential enabler of their cybersecurity strategy.





Armis, the cyber exposure management & security company, protects the entire attack surface and manages an organization's cyber risk exposure in real time.

In a rapidly evolving, perimeter-less world, Armis ensures that organizations continuously see, protect and manage all critical assets - from the ground to the cloud. Armis secures Fortune 100, 200 and 500 companies as well as national governments, state and local entities to help keep critical infrastructure, economies and society stay safe and secure 24/7.

Armis is a privately held company headquartered in California.

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