ARMIS®

SoftPro
Medical Solutions

Streamline Medical Asset Management, Security, and Operational Workflows

With Armis Centrix™ and Medusa by SoftPro Medical Solutions

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Landscape

In hospitals and medical environments, the technology environment is constantly expanding. There are more connected clinical assets than ever before, spanning thousands of unique device types, including highly specialized medical technology. Managing these assets manually is far too time-consuming and unsustainable for the fast-paced healthcare systems. Healthcare technology management (HTM) teams are tasked with tracking, locating, and securing a vast network of medical devices and IT/IoT assets. With 24-7 operations in many healthcare settings, preventive maintenance cycles can be missed, while ongoing maintenance needs become unwieldy due to inefficient processes. These challenges can delay essential medical device management, causing recalls and potential threats to linger in environments, posing massive risks for the continuity and safety of patient care.

If managing these assets already presents such a significant challenge, imagine the added complication of cybersecurity measures. The convergence of medical device management and cybersecurity protection requires new, streamlined workflows and processes. Without a unified approach to managing your technology ecosystem and proactive cybersecurity, the efforts of managing thousands of assets can be doubled, wasting precious hours of already stretched-thin resources.

What If You Could…

Seamlessly integrate your computerized maintenance management system (CMMS) with best-in-class cybersecurity

Automatically discover device information, including brand, model, serial number, purchase date, and location

Easily locate medical devices across the organization with real-time location and usage tracking

Coordinate efforts across asset management and cybersecurity protection

Streamline operational workflows, easily open remediation tickets, and assign ownership

Eliminate manual or double data entry and establish a dynamic, accurate single source of truth

Improve data quality with accurate and consistent information

Effectively manage risks and vulnerabilities associated with your medical assets

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Key Use Cases

Streamlined Medical Device Lifecycle Management

The Armis Centrix™ and Medusa integration simplifies workflows and saves hours of effort across the entire device lifecycle.

- View all up-to-date information on every asset

- Power faster onboarding and inventory of medical devices

- Identify end-of-life assets and schedule preventive maintenance for medical device security

- Easily locate any assets to be decommissioned and determine when a replacement is needed

- Support effective allocation of clinical engineering resources for top priority fixes
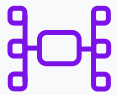
Monitor and Optimize Medical Device Utilization

Gain forensic visibility into every corner of your connected environment, from the specialized medical machines to the infrastructure of your building, to manage and optimize usage without disruption.

- Monitor device usage and identify peak/low periods

- Alert on offline devices and pinpoint their location

- Optimize patient flow with device utilization capacity insights

- Dynamic, real-time asset monitoring without disrupting clinical use fixes

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Vulnerability Prioritization and Remediation

Get ahead of routine cybersecurity and medical device 'check-ups' and gain a full view of clinical risks on each device.

- View device alerts for impending end-of-support/end-of-life
- Assign contextual risk score based on clinical usage and device criticality/ location
- Prioritize mitigation and assign users for expedited remediation workflows
- Monitor for ransomware detection, FDA recalls, MDS2, and medical device risk advisories for faster remediation and automated responses.

Real-Time Security Monitoring

Advanced multi-detection engine includes both active and passive discovery techniques, which empower you with identification capabilities to build a complete network map.

- Ensure medical device uptime and operation with preventive security
- Continuous monitoring detects anomalous behaviors or other potential security threats
- Proactive protection against ransomware attacks
- Multi-detection engine detects security events and risks across multiple sources without disrupting sensitive medical devices

"Armis Centrix™ provides a deep understanding of what's connected to our network. The integration with Medusa will create even deeper visibility and help us to become even more efficient in our communication between IT Security and MedTech."

Department Manager IT/IoMT, Swedish Healthcare Region

Here's How it Works

Armis Centrix™ and Medusa by SoftPro Medical Solutions have partnered for a two-way integration. Asset intelligence and security information is pulled from Armis Centrix™ into Medusa for comprehensive visibility of every device in a single location. Similarly, Medusa information can be viewed in Armis Centrix™ to enrich the medical device database and enabling seamless cybersecurity management for every asset in healthcare environments.
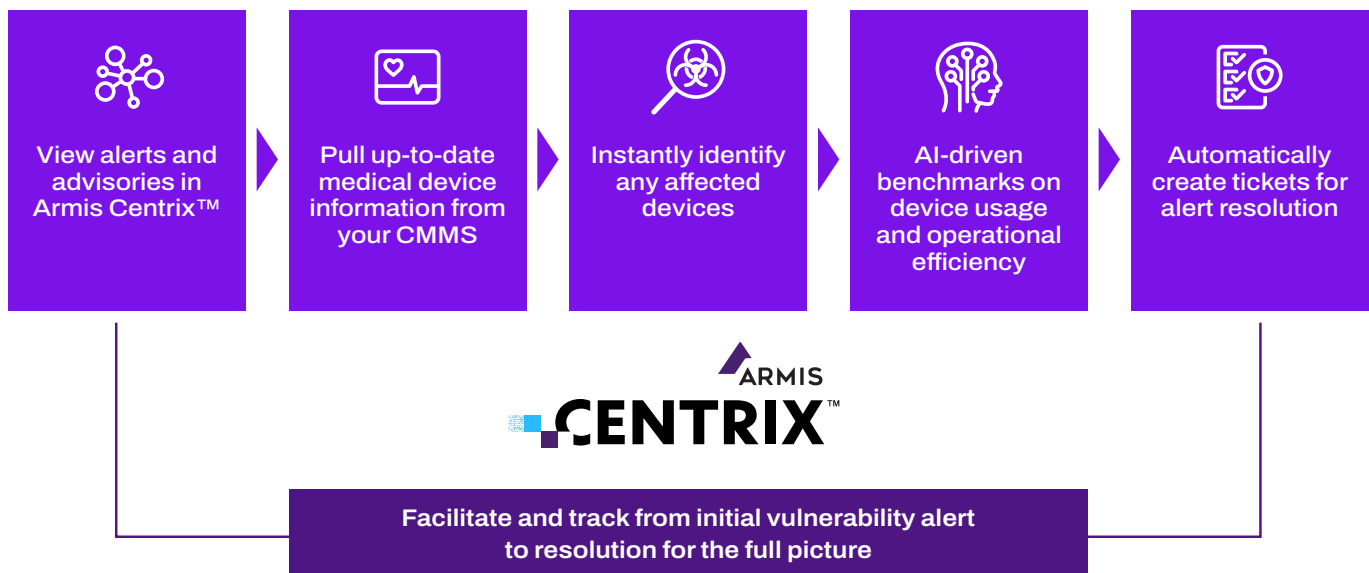
Functionality

Mapping of equipment between Medusa and Armis Centrix™

Presentation of asset information, vulnerabilities, utilization, network, and other cyber security information within Medusa

View extended information about medical assets directly within Armis Centrix™ based on data transferred from Medusa.
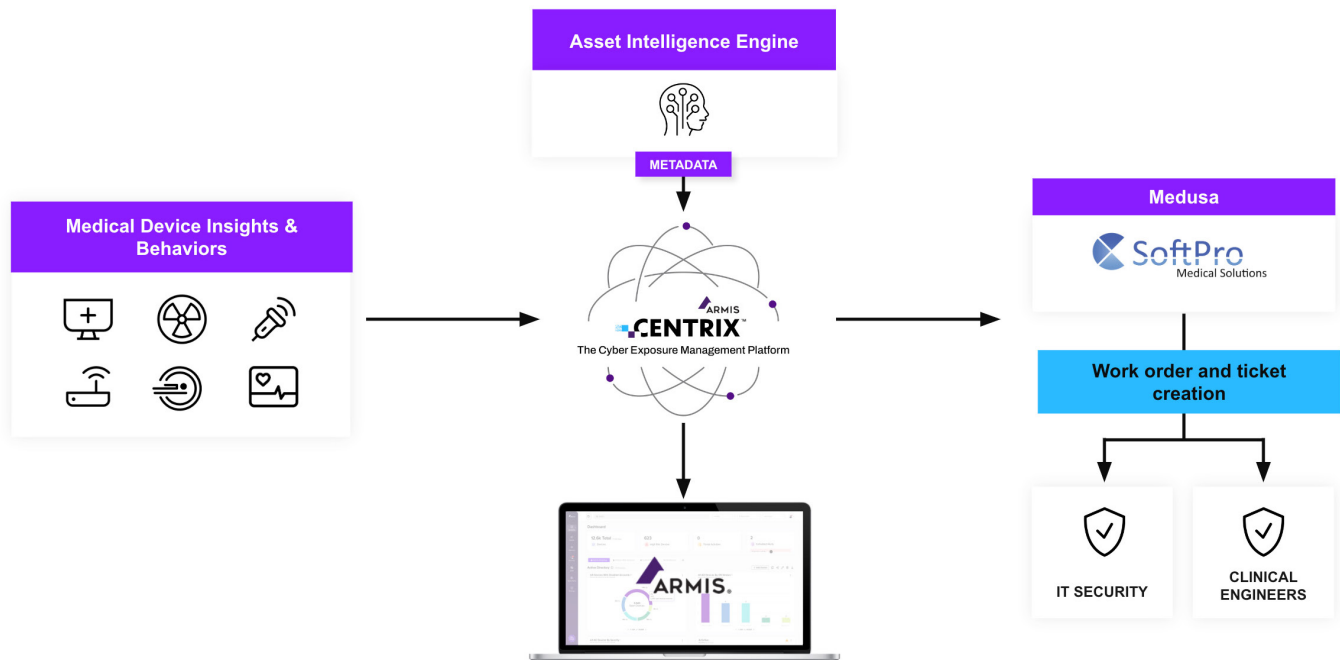
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Armis Asset Intelligence Engine

At the core of Armis Centrix™ is our Asset Intelligence Engine. It is a giant, crowdsourced, cloud-based device security data lake—the largest in the world. It includes over 5 billion devices, roughly 20% of the devices connected to global networks.

View and classify each asset by model, brand, and type, location, asset owner, and connections within your infrastructure. Gain an unparalleled capability to map your entire asset network and potential risk factors.

View alerts and advisories in Armis Centrix™	Pull up-to-date medical device information from your CMMS	Instantly identify any affected devices	AI-driven benchmarks on device usage and operational efficiency	Automatically create tickets for alert resolution

ARMIS CENTRIX™

Facilitate and track from initial vulnerability alert to resolution for the full picture

Benefits of Medusa Integration with Armis Centrix™

Complete Asset Visibility
Armis provides complete asset visibility across all asset types, including IT, IoT, OT, IoMT, cloud, and cellular-IoT, whether managed or unmanaged.

Rich Contextual Intelligence
Armis pulls asset-related data from relevant IT and security tools to obtain rich, contextual intelligence about each asset in the inventory.

Faster Time to Value
Armis accelerates time to value in facilitating information sharing to and from your CMMS that is relevant to all security and clinical engineering teams.

Comprehensive Asset Security
Armis provides comprehensive integrated equipment records that include enriched data such as user, classification, location, and a full view of cybersecurity protection status.

Proactive Vulnerability Management
Integrate with existing security enforcement points and trigger automated actions for peace of mind that attacks will be stopped in their tracks.

Integrated Workflows in a Centralized Location
Action maintenance or mitigation workflows, including ticket management and work orders, to ensure you're protected against current or future threats.

Easier Asset Management
Eliminate manual data entry for cybersecurity including risk management and networks information in Medusa.

Save Clinical Engineers Hours Per Day
Clinical engineers save valuable time locating medical devices that need maintenance and repair, and can help ensure that devices are used to their full potential and remain protected.

Summary

By providing complete asset visibility across all asset types, Armis gives IT and security teams complete control over their assets. It allows them to pull asset-related data from relevant IT and security tools to obtain rich, contextual intelligence about each asset in the inventory. The data is not only aggregated but also deduplicated and normalized. This data can be pushed to the CMDB to create an updated, accurate, and comprehensive view of all assets, complete with enriched data such as user, classification, and location details.

Enriching Medusa with complete contextual information from Armis Centrix™, and ensuring that the data provided is accurate and up-to-date, helps improve your security posture. Maximize the efficiency and ROI for your Medusa software solution and power more efficient and effective security efforts.

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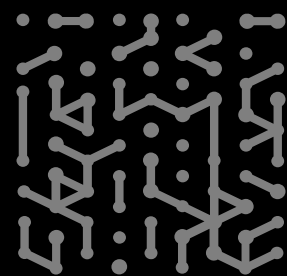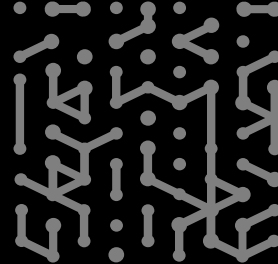
SoftPro Medical Solutions is a leading provider of Enterprise Asset Management (EAM) software, expertly designed for the healthcare industry.

Their flagship product, Medusa, offers a comprehensive platform that enables healthcare organizations to effectively manage, maintain, and optimize their assets including maintenance and regulatory compliance aspects. By streamlining work processes, Medusa enhances asset utilization, minimizes downtime, and ensures strict adherence to industry standards. Trusted by over 500 hospitals, Medusa has established itself as the leading EAM solution across the Nordics, UK, and UAE.

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Armis, the asset intelligence cybersecurity company, protects the entire attack surface and manages the organization's cyber risk exposure in real time.

In a rapidly evolving, perimeter-less world Armis ensures that organizations continuously see, secure, protect and manage all critical assets.

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 safe and secure 24/7.

Armis is a privately held company headquartered in California.

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