SOLUTION BRIEF

Armis Centrix™ for Asset Management and Security

See, Protect, and Manage Your Entire Attack Surface

Organizations today have many solutions that know about their assets and risks, but they are siloed, they don't talk to each other and they often contain conflicting information. This makes it very difficult for both IT and Security teams to answer simple questions about their asset inventory or security posture, and impacts their ability to detect threats and enforce security policies.

Armis Centrix™ for Asset Management and Security continuously discovers all your assets, including IT, IoT, cloud and virtual, managed or unmanaged. Delivered as an agentless SaaS platform, Armis seamlessly integrates with hundreds of existing IT and security solutions to quickly discover and prioritize all exposures (risks, vulnerabilities, misconfiguration) without disrupting current operations or workflows.

At a glance

- A complete, always-on, accurate view of all assets
- Prioritized risks based on business impact and likelihood of being exploited
- Network threat detection and analysis capabilities
- Easy to deploy with fast time-to-value

76

The average security organization has 76 security tools to manage. Each of these tools generates independent data points, leading to a fragmented view of security.

With Armis network traffic analysis and deep packet inspection, IT and security teams can visualize network communications and display asset risks in order to more efficiently manage network segmentation and enforcement. Our world-class anomaly detection based on single device baselines and "known good" behaviors, empowers security operations teams to detect network threats with a high degree of accuracy. Integrations to common network enforcement systems and SOC tools deliver automated workflows to improve incident response time and reduce Mean Time to Resolution (MTTR).

Full Asset Inventory - CMDB Enrichment

The Armis Asset Management and Security product resolves the problems associated with incomplete Configuration Management Database (CMDB) asset records. 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. Armis then pushes this data to the CMDB to create an

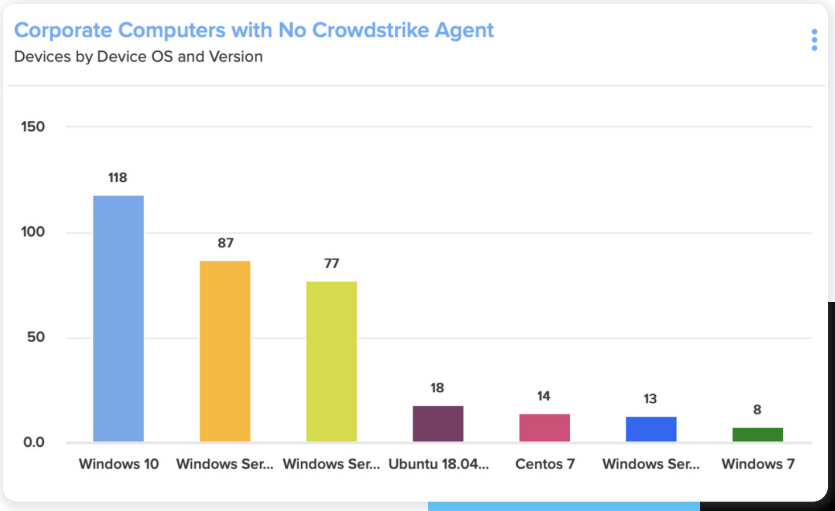
updated, accurate, and comprehensive view of all assets, complete with enriched data such as user, classification, location, etc.

> *"If anyone asks me about a given device, I can find out in minutes exactly where the device is, what it has been doing, and what it is communicating with. Armis has made our lives so much easier and our campus so much more secure"*
>
> **John Harris**
> Assistant Director of IT and System Engineer. Russell Sage College

Security Gap Analysis - Made Easy

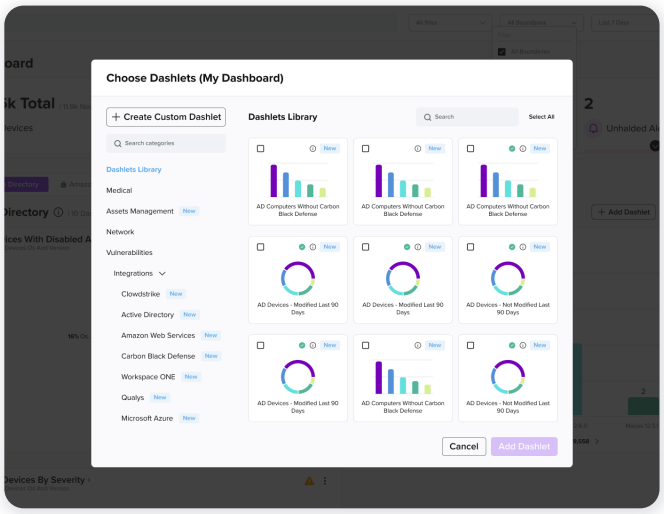
There are hundreds of security controls, as defined by common security frameworks by organizations such as the National Institute of Standards and Technology (NIST) and the Center for Internet Security (CIS). Impalementing these security controls, processes and procedures is a common practice by almost any organization in order to provide reasonable assurance that business objectives will be achieved and undesired events will be prevented, detected and corrected. However, identifying gaps in security controls can be difficult, if not almost impossible.

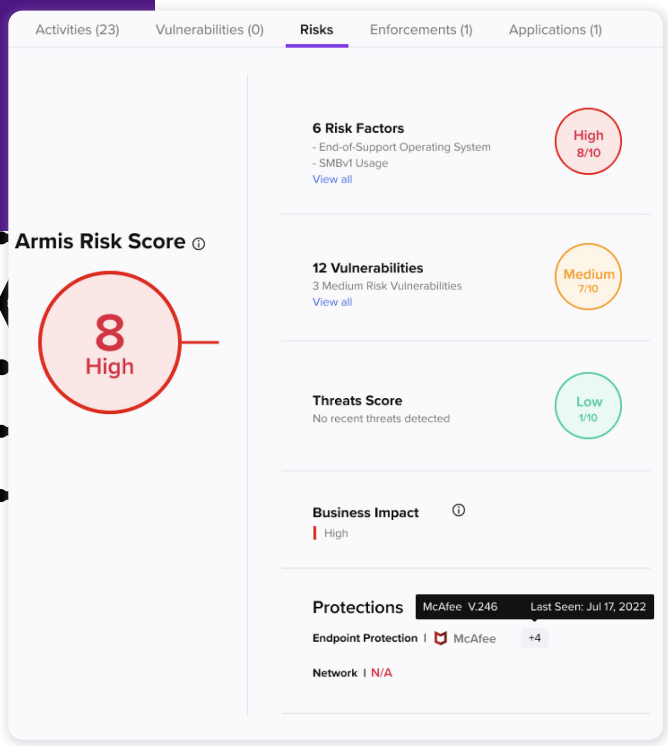
Armis Centrix™ for Asset Management and Security starts by obtaining a complete and accurate inventory of every asset in your environment, both managed and unmanaged. This gives you a single source of truth across every asset. Armis can then create standardized reports and dashboards based on customizable asset criteria to meet security control requirements. This enables organizations to keep track of specific categories of assets, and their associated risks and vulnerabilities.



Internal and External Compliance Reporting

Armis Centrix™ lets you quickly configure and report on company-specific or external compliance requirements, thanks to our out-of-the-box recommendations and dashboards. This reduces manual errors in compliance reporting and decreases the time and resources required to produce reports needed to pass audits.





Risk Management

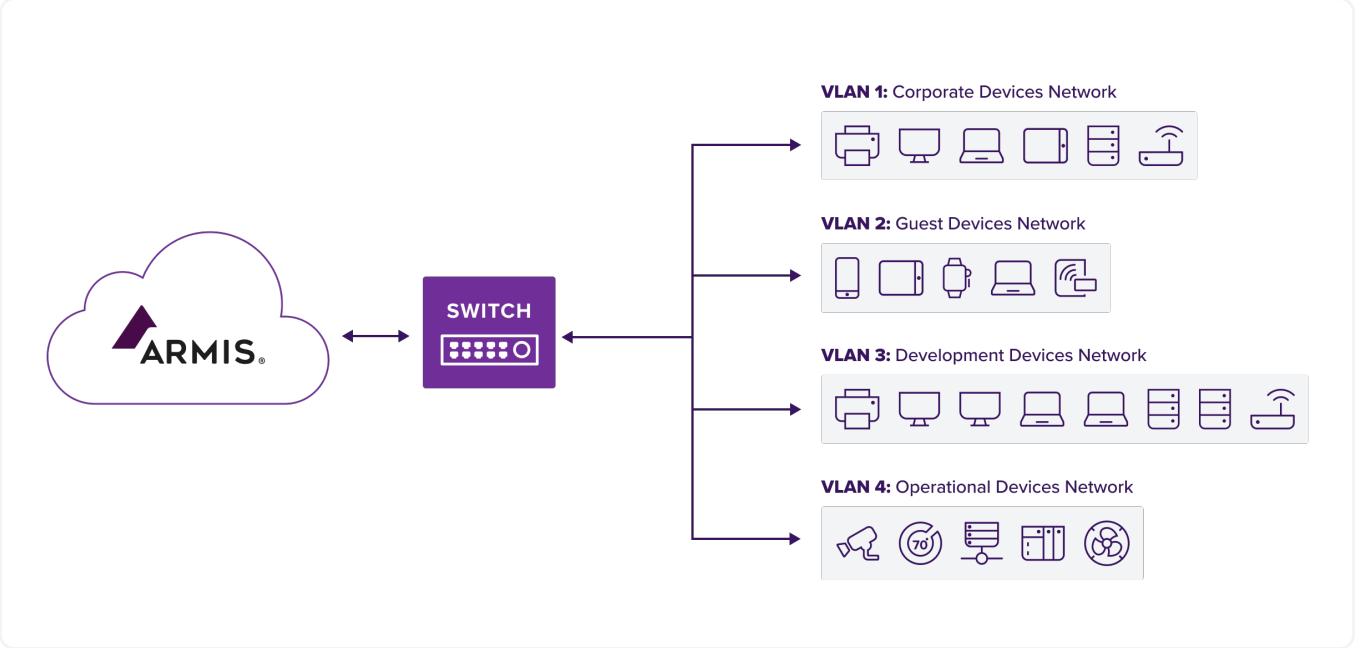
After identifying a device, Armis Centrix™ calculates a risk score based on multiple factors, including:

- Risks like unpatched software versions or known hardware exploits
- Anomalies like port scans, abnormal or high-volume traffic, and devices accessing malicious domains
- Identification of vulnerabilities including Log4j, WannaCry, PwnedPiper, ModiPwn, URGENT/11, and BLEEDINGBIT

This risk score helps your security team take proactive steps to reduce your attack surface and helps you comply with regulatory requirements to identify and prioritize all risks.

Network Segmentation and Enforcement

Without proper segmentation, a single compromised device can be used to impact the overall network. Network segmentation helps prevent this by limiting the communication between devices and reducing the risk of east/west lateral movement across networks and device types. Armis simplifies the segmentation process and helps achieve attack surface reduction in a record time.



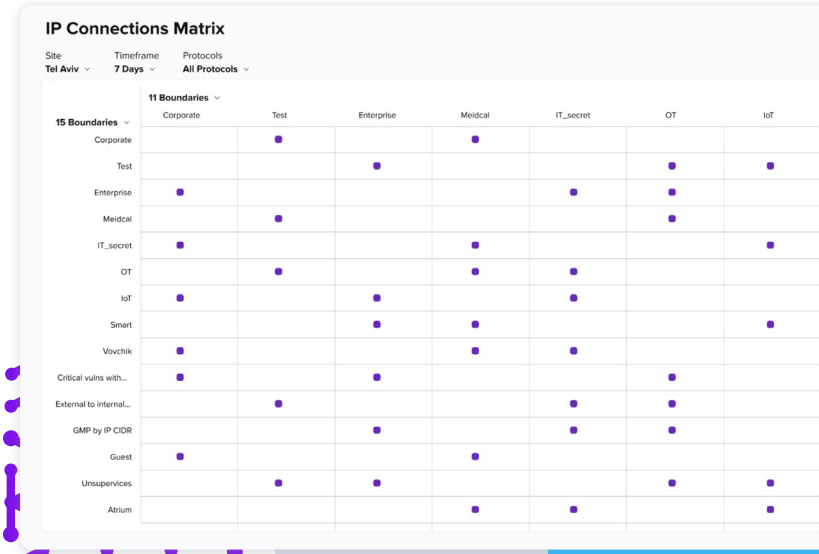
Device discovery: Armis provides visibility into all devices on the network

Map communications: Analyze the network traffic of all assets to provide IT and Security teams with a visual diagram of the network

Policy development: Automated recommendations simplify the creation of segmentation policies

Segmentation rollout: Armis supports both manual segmentation for single or small batches of devices (such as for pilot programs), and complete automation based on device properties like type, manufacturer, model, and risk

Continuous monitoring and enforcement: A visual matrix represents cross boundary communications, to assist with planning, enforcing and identifying gaps in existing segmentation projects.



Accurate Threat Detection and Response

The network detection and analysis capabilities of the Armis Centrix™ for Asset Management and Security product provide security operations teams with full visibility to network-based threats in their environment. Armis uses signature-based detection of network exploit attempts and alerts on suspicious behavior compared to any device's activity baseline.

Armis also identifies Indicators of Compromise (IOC) in communication attempts to malicious or suspicious domains/hosts allowing Security Operation Center (SOC) personnel to investigate a device's network activity timeline before, during and after an incident. Armis network detection and analysis capabilities allow security teams to make informed, data-driven prioritization security response decisions based on data Armis collects from the network.

Armis AI-driven Asset Intelligence Engine

Core to Armis Centrix™ is our Asset Intelligence Engine. It is a giant, crowd-sourced, cloud-based asset behavior knowledgebase—the largest in the world, tracking billion of assets.

Each profile includes unique device information such as how often each asset communicates with other devices, over what protocols, how much data is typically transmitted, whether the asset is usually stationary, what software runs on each asset, etc.
And we record and keep a history on everything each asset does.

These asset insights enable Armis to classify assets and detect threats with a high degree of accuracy. Armis compares real-time asset state and behavior to "known-good" baselines for similar assets we have seen in other environments. When an asset operates outside of its baseline, Armis issues an alert or can automatically disconnect or quarantine an asset.

Our Asset Intelligence Engine tracks all managed, unmanaged, and IoT assets Armis has seen across all our customers.

"Armis enabled us to determine which devices were using remote desktop protocols (RDPs) to connect to other systems over the network. It also helped us monitor website traffic and prevent potential data-related issues by enabling us to look at what leaves the lab or comes into the lab."

Cybersecurity Research Lead, Energy Research Institute

Armis Centrix™ for Asset Management and Security BENEFITS

- A complete, always-on, accurate view of all assets - Enrich CMDB
- Security gap analysis made easy
- External and internal compliance reporting
- Risk management
- Accurate threat detection and response
- Network segmentation and enforcement

The Armis Difference

Comprehensive

Leverage a complete, unified inventory of every asset in the environment, including those that are outside your corporate network such as OT, IoT and IoMT devices, to ensure awareness across the full asset attack surface.

Quick time-to-value

Hundreds of pre-built integrations. Armis Value Packs add out-of-the-box recommendations, dashboards, reports, and policies for common use cases to further simplify the implementation and use.

Accurate profiling and threat detection

The Armis AI-driven Asset Intelligence Engine lets you benefit from added asset and threat intelligence - tracking billions of assets.

"Of all the vendors we looked at, Armis provided the fastest time to value and the widest coverage. Because it's cloud-based, Armis is also simple to manage. All these factors made it easy to choose Armis, frankly."

Mike Towers
Chief Security and Trust Officer

Armis, the asset intelligence and 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 stay safe and secure 24/7.

Armis is a privately held company headquartered in California.

To learn more or see a demo, contact us today.
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