ARMIS®

Armis Labs

Introduction

Armis Labs, a division of Armis, is a team of seasoned security professionals dedicated to staying ahead of the ever-evolving cybersecurity landscape. With a deep understanding of emerging threats and cutting-edge methodologies, Armis Labs empowers organizations with unparalleled visibility and expertise to protect against the threats that matter most, right now.

Armis Labs is more than just a cybersecurity division; it's a thought leader in the field, constantly pushing the boundaries of knowledge and innovation. Through active participation in industry conferences, publication of research papers, and contribution to industry wide projects, Armis Labs shapes the discourse around emerging cyber threats and mitigation strategies.

At the heart of Armis Labs lies a formidable research powerhouse, where experts investigate the latest trends and tactics employed by cyber adversaries. Armed with state-of-the-art tools and methodologies, the team at Armis Labs conducts in-depth analyses of evolving threats both in the pre-emergence stage and "in the wild" stage of an attack.
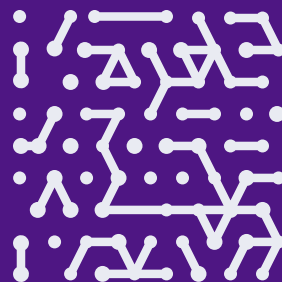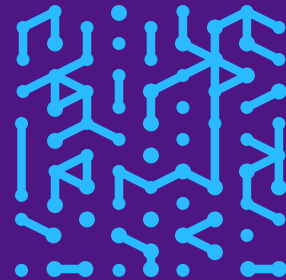
Key Areas Of Concentration

Comprehensive Threat Intelligence

Armis Labs harnesses the collective expertise of industry leading threat intelligence professionals who are experts in both cybersecurity and advanced technology. This comprehensive approach leaves nothing to chance and no blind spots. It is complete coverage that leverages the vast Armis Asset Intelligence engine, which comprises data from over 5 billion assets. This comprehensive approach ensures that security practitioners have access to actionable threat intelligence tailored to their specific business needs.

Coverage That Protects

Armis Labs offers unparalleled asset coverage, encompassing IT, OT (Operational Technology), IoT (Internet of Things), and IoMT (Internet of Medical Things) assets and devices. Armis Labs provides additional threat coverage beyond assets to the application level to ensure appropriate operations. At the network level Armis Labs ensures traffic and communications are secure and within acceptable limits. This comprehensive coverage ensures that organizations can effectively monitor and protect all facets of their digital infrastructure, regardless of device type or location.

Industry Benchmarking

Understanding how your organization is performing relative to peers is essential from a visibility, security and management perspective. Armis Labs provides benchmarking capabilities by leveraging its extensive dataset of real-time intelligence on connected devices, vulnerabilities, and threats across various industries. These capabilities provide a continuous feedback loop, enabling organizations to stay informed, improve their defenses, and maintain leadership in security practices. Armis Labs maintains a 5 billion plus asset database which provides fingerprints and expected behaviors for virtually any asset. This Asset Intelligence engine is constantly growing and enables industry and device benchmarking for comparisons down to extremely specialized data sets.

Proactive Threat Detection

Armis Labs provides proactive threat detection by combining advanced AI-driven analytics, its Early Warning capabilities, and timely flash alerts. These tools empower organizations to detect and address emerging threats before they escalate into significant security incidents. Proactive threat detection is powered by:

AI-Driven Threat Analytics	Early Warning Capabilities
Behavioral Analysis	*Threat Indicators* which include (IoCs) and indicators of attack (IoAs).
Pattern Recognition	*Real-Time Insights*
Predictive Capabilities	*Global Context* (Benchmark data)

Flash Alerts

Rapid Dissemination - When Armis Labs identifies critical threats it issues flash alerts to the larger security community.

Actionable Guidance - Flash alerts include detailed recommendations for immediate mitigation or remediation actions to neutralize the threat.

Operationalized Threat Tactics, Techniques and Procedures

Armis Labs enables organizations to operationalize threat intelligence seamlessly into their existing security workflows. Whether delivered as a technology integrated into Armis products or through a dedicated threat feed, Armis Labs' threat intelligence empowers organizations to understand active threats, prioritize resources, and address tactics, techniques, and procedures (TTPs) that pose the greatest risk.

Early Warning Insights

Armis Labs publishes *Early Warning Insights*, a series of industry reports that deliver critical cyber exposure management and security intelligence. These reports synthesize data from Armis Labs' extensive research and vast network of sources, providing actionable insights into emerging threats, vulnerabilities, and attack trends across industries. Designed to empower organizations with proactive defense strategies, Early Warning Insights highlights real-world risks and equips security teams with the information needed to mitigate them effectively.

Differentiators:

01 | Multi-Domain Coverage

Armis Labs covers a wide range of assets, including IT, OT, IoT, and IoMT devices, providing organizations with holistic visibility and protection across their entire
digital ecosystem.

02 | Advanced AI/ML Capabilities

Armis Labs leverages state-of-the-art AI and machine learning tools to proactively identify and mitigate threats, enabling organizations to stay ahead of emerging cyber threats.

03 | Early Warning Detection

Armis Labs also leverages AI in conjunction with dynamic honeypots, dark web intelligence and HUMINT to detect and defend against attacks while still in the formulation or pre launch stage. This enables organizations to preempt attacks before they hit their environment and before they cause damage.

04 | Vast Asset Database

With access to over 5 billion profiled assets, Armis Labs offers unparalleled insight into the digital footprint of organizations, empowering security practitioners with the context they need to make informed decisions.
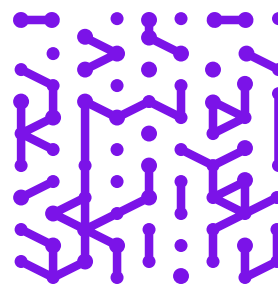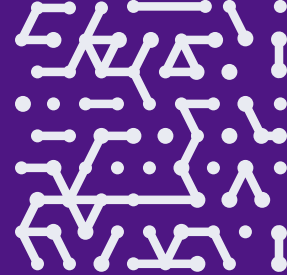
Armis Labs

LABS

Armis Labs is dedicated to providing organizations with the tools and expertise they need to defend against the threats that matter most, right now. With comprehensive threat intelligence, proactive threat detection capabilities, and seamless integration into existing security workflows, Armis Labs empowers organizations to stay ahead of cyber adversaries and protect their most critical assets.

ARMIS.

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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