

ARMIS + ESEYE

AGENTLESS SECURITY FOR DEVICES ON CELLULAR NETWORKS

Making Digital Transformation Safe for All Unmanaged & IoT Devices

Organizations with enterprise IoT devices deployed globally across different mobile network operators (MNOs) need to ensure uptime and business continuity, especially in a dynamic economy that demands mobile and remote device connectivity now more than ever. Losing connectivity, or worse, losing the ability to access your devices due to a cyber-attack, can be costly, brand-damaging, and bad for your organization's bottom line.

But updating the software and operating systems these unmanaged and IoT devices rely on is difficult, and sometimes impossible. And you can't install software agents on these devices, which leaves them invisible to traditional security tools and increases the risk of attack.

Armis® and Eseye deliver a global, secure connectivity solution for any unmanaged or IoT device on any network. Eseye's unique Connectivity Management Platform allows cellular IoT devices to intelligently switch to any one of over 700 GSMA-compliant carriers to maximize device uptime and delivering greater than 98% global coverage.

The Armis Agentless Device Security Platform discovers and monitors all IoT devices, continuously assesses device vulnerabilities, risks, and policy violations, and automatically responds to anomalies that could put devices and your business at risk.

Armis does this passively without any disruptive scanning. And for organizations with unmanaged and IoT devices on local business networks (Ethernet, Wi-Fi, etc.) and mobile (4G/LTE/5G) networks, the Armis platform and Eseye provide a unified security and IoT connectivity solution.

Comprehensive Asset Inventory

Armis discovers and classifies every managed and unmanaged device in any environment, including corporate IT, IoT, operational technology (OT), and medical devices. Through our integration with Eseye, Armis does the same for devices connecting through Eseye's platform like telematics and sensors used for transportation, medical devices that are often moved throughout and among different medical centers, and remote devices like those used in the energy and vending industries.

Risk Management

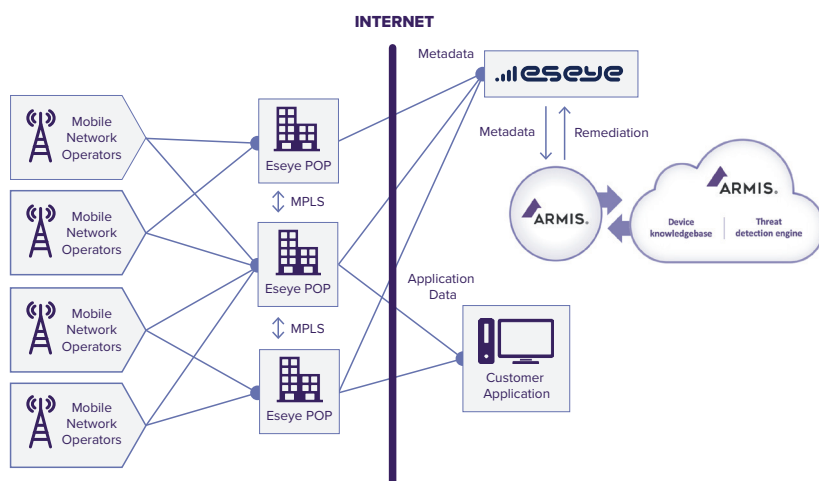
Armis calculates a risk score for each device based on factors like vulnerabilities, known attack patterns, and the behaviors observed on each device. This risk score helps you understand your attack surface and meet compliance with regulatory frameworks that require identification and prioritization of vulnerabilities. Armis also continuously monitors the behavior of every device on your network, in your airspace, and on Eseye cellular networks for behavioral anomalies.

Automatic Detection & Response

If Armis detects a threat, it alerts your security team and triggers automated action to stop an attack. Through the integration with Eseye, Armis can sanction or quarantine mobile IoT devices exhibiting suspicious or malicious behavior, or it can disconnect a device from the Eseye network to prevent lateral movement of threats. Armis also integrates with your existing IT infrastructure and security enforcement points to restrict access or quarantine malicious devices. This automation gives you peace of mind that an attack on any device—managed or unmanaged—will be stopped effectively.

Frictionless Integration

Armis requires no agents or additional hardware to deploy, so it can be up and running in minutes to hours. Not only does it integrate with your firewall or NAC, but Armis also integrates with your security management systems like your SIEM, ticketing systems, and asset databases to allow these systems and incident responders to leverage the rich information Armis provides.



How It Works

Without any additional hardware or software, Armis integrates with Eseye in the cloud for device inventory, risk assessment, and threat detection and response.

- A device using the latest Eseye-provisioned eSIM technology connects to a mobile network local to the device.
- The mobile network operator (MNO) recognizes the Eseye eSIM and directs the device's traffic to the Eseye infrastructure.
- Armis integration with your Eseye instance detects and identifies devices connecting to Eseye's global network.
- Armis calculates a device risk score using known attributes for similar devices in the Armis Device Knowledgebase. If no similar device is found, Armis creates a new profile and uses machine learning to identify the device and its risks.

Armis monitors the device's behavior in the customer's Eseye instance for suspicious or malicious activity.

Depending on customer-defined policies, Armis can sanction or quarantine a suspicious device, or disconnect it from the mobile network to prevent lateral movement of a threat.

ABOUT ARMIS

Armis is the leading agentless, enterprise-class device security platform designed to address the new threat landscape of unmanaged and IoT devices. Fortune 1000 companies trust our real-time and continuous protection to see and control all managed, unmanaged, and IoT devices—from traditional devices like laptops and smartphones to new smart devices like smart TVs, webcams, printers, HVAC systems, industrial control systems and PLCs, medical devices and more. Armis provides passive and unparalleled cybersecurity asset management, risk management, and automated enforcement. Armis is a privately held company and headquartered in Palo Alto, California.

ABOUT ESEYE

Eseye empowers businesses to embrace IoT without limits. We help them to visualise the impossible and bring those solutions to life through innovative IoT cellular connectivity solutions that enable our customers to drive up business value, deploy differentiated experiences, and disrupt their markets. Our pioneering technology allows businesses to overcome the complexity of IoT deployment and develop, deploy, and manage IoT projects without the fear of getting it wrong. We guide them every step of the way. Supported by a powerful partner ecosystem, we seamlessly connect devices across 190 countries, agnostic to over 700 available global networks. Find out more at www.eseye.com.

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