Guardicore + Armis
SOLUTION BRIEF

Guardicore

ARMIS®

Gain Visibility and Insight into Connected Devices with Armis and Guardicore

Enrich your labelling scheme with IoT device classification, and control traffic between your IoT environment and the Data Center

The pace of growth in the IoT space is an exciting opportunity for today's enterprises. However, it doesn't come without risk. In fact, 74% of enterprise security professionals feel that their current security controls and practices are not adequate for unmanaged and IoT devices.[1]

Unlike traditional endpoints, IoT devices cannot be secured using regular agents, increasing the number of unmanaged devices that should be connected to the data center from the IoT cloud or OT environments. Armis meets this challenge head-on, by identifying and classifying medical, OT, industrial, utility and manufacturing devices that cannot be protected using agent-based security.

However, connected devices need to be monitored and controlled as a dynamic part of an organization's entire network, and not within a silo. If left improperly governed, these can become an entry point for attackers to move laterally inside the network, providing an open door for access to a growing amount of sensitive data.

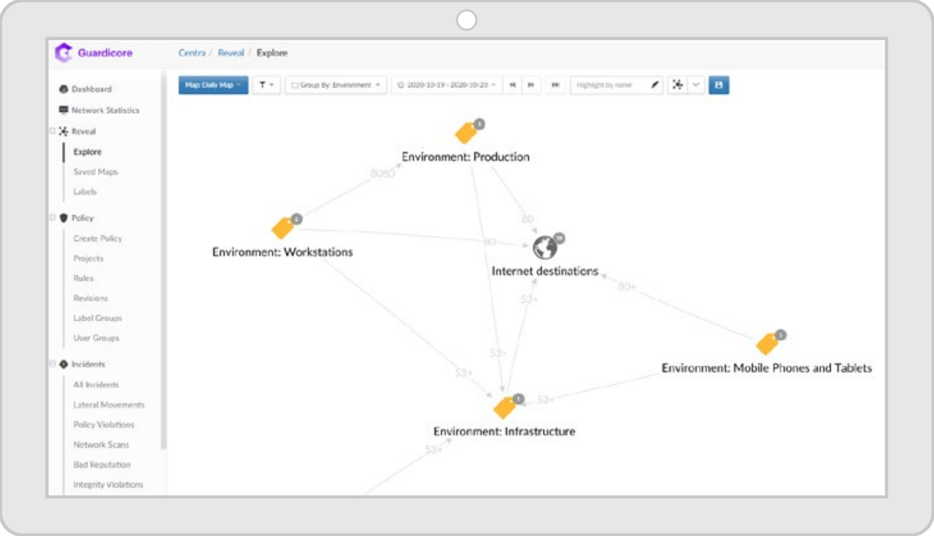
Achieve true visibility and control across a complex hybrid data center, including even unmanaged connected devices.

Key Benefits

- **Enhanced mapping**
  Real-time, continuous information into IoT devices, added to your existing map of one hybrid, connected ecosystem.
- **Deep Insight**
  Leverage this enhanced intelligence to detect threats, compromised IoT devices, and any malicious or unintended behavior, down to a single device.
- **Asset inventory**
  Discover, track, and classify all devices and assets on and off the network, managed, unmanaged, and IoT from a single dashboard.
- **Real-time and historical views**
  View your map on both a real-time and historical basis and create multi-tier views that make it easy to understand complex enterprise workflows.

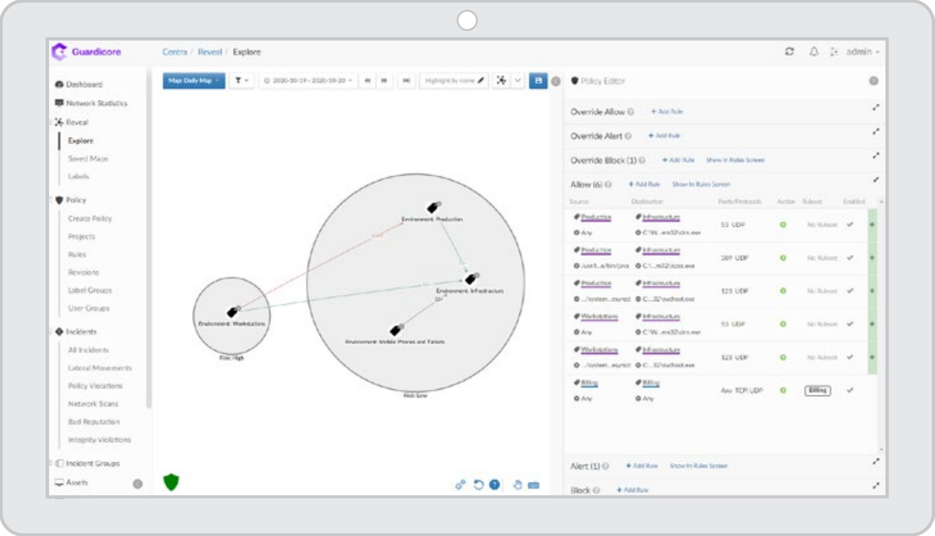
[1] https://info.armis.com/rs/645-PDC-047/images/State-Of-Enterprise-IoT-Security-Unmanaged-And-Unsecured.pdf

With Guardicore and Armis, unmanaged does not equal uncontrollable



By integrating with Armis, Guardicore Centra adds device attributes and risk scores for IoT devices to your single pane of glass, including asset labels for unmanaged devices. From one detailed map, Guardicore's Reveal capabilities show where your IT, OT, and IOT environments meet the data center, including the origin of all IoT traffic to the data center and any application dependencies.

With intelligence gleaned from the map, organizations can then create tight segmentation policies to govern communications between IoT devices into the data center. These include ring-fencing critical applications that hold sensitive information, and accelerating the route to compliance, even when handling unmanaged devices.



Override Allow + Add Rule

Override Alert + Add Rule

Override Block (1) + Add Rule Show in Rules Screen

Allow (6) + Add Rule Show in Rules Screen

Source	Destination	Ports/Protocols	Action	Ruleset	Enabled
Production Any	Infrastructure C:\Wi...em32\dns.exe	53 UDP	●	No Ruleset	✓
Production /usr/l...a/bin/java	Infrastructure C:\...m32\lsass.exe	389 UDP	●	No Ruleset	✓
Production .../system...esyncd	Infrastructure C:...32\svchost.exe	123 UDP	●	No Ruleset	✓
Workstations Any	Infrastructure C:\Wi...em32\dns.exe	53 UDP	●	No Ruleset	✓
Workstations .../system...esyncd	Infrastructure C:...32\svchost.exe	123 UDP	●	No Ruleset	✓
Billing Any	Billing Any	Any TCP UDP	●	Billing	✓

Alert (1) + Add Rule Show in Rules Screen

Block + Add Rule

Protect across any complex environment:
www.guardicore.com

About Guardicore

Guardicore is the segmentation company disrupting the legacy firewall market. Our software-only approach is decoupled from the physical network, providing a faster alternative to firewalls. Built for the agile enterprise, Guardicore offers greater security and visibility in the cloud, data-center, and endpoint. For more information, visit www.guardicore.com or follow us on Twitter or LinkedIn.

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