

TrueFort and Armis: Better Together

Protect both information technology (IT) and operational technology (OT) environments against lateral movement attacks

IT and OT domains have traditionally been separate worlds with different priorities, data-sharing requirements, resource management, and security practices. However, with the growth of smarter systems (industrial, medical, building), rapid adoption of the Internet of Things (IoT), and expanded espionage threats, OT environments are increasingly threatened by gaps in their real-time awareness, risk prioritization, and security practices. There is a need to align IT/OT and IoT teams for operational excellence and improved cybersecurity posture.

▶ By 2025, 70% of asset-intensive organizations will have merged their security functions across the enterprise and their operational environments.

Enterprises today have a significant challenge with zero-day threats, increased production application vulnerabilities, staffing shortages, and expanding regulations. Existing tools and network segmentation solutions have limitations in discovering, mapping, and understanding enterprise applications and their communications in a secure and controlled way. OT and IT environments are too often part of a combined, flat network. As OT and IT connect, organizations have insufficient visibility and control of the communication flows that cross these environments. While uptime trumps security exacerbating the challenges, adversaries are targeting both environments to gain access and move undetected between the two.

TrueFort and Armis: Protecting Your IT, IoT, and OT Investments Together

Together TrueFort and Armis build security alignment through real-time visibility and control over IT, IoT, and OT environments, ensuring only authorized communications. TrueFort and Armis provide a shared understanding of normal production environment behavior through a comprehensive mapping of all activity that spans IT, IoT, OT/ICS/IIoT, building management systems, and medical devices.

TrueFort discovers and maps applications, servers, and their connections in IT environments by collecting telemetry from existing CrowdStrike, SentinelOne, and TrueFort agents.

Armis agentless technology discovers, inventories, and maps network relationships between devices in IT, IoT, and OT environments, feeding this information into the TrueFort Platform for enriched device information.

CHALLENGES

- ▶ East/West traffic spans environments, with unmonitored communication everywhere
- ▶ Embedded systems are deployed with default or hardcoded credentials
- ▶ Service account credentials are unmonitored
- ▶ Applications are communicating to unmanaged assets, servers, and externally
- ▶ Unpatched, outdated, and misconfigured software/firmware
- ▶ Insiders have access to systems and applications they shouldn't



The TrueFort Platform and Armis together enable you to Discover, Understand, and Enforce IT, IoT, OT/ICS/IIoT, building management systems, and medical assets

- ▶ Microsegment environments to permit only authorized flows
- ▶ Gain application and network intelligence to easily protect against lateral movement while cutting the overhead of expensive legacy firewalls
- ▶ Discover applications, workloads, devices, and communications with Armis agentless solution and any mix of TrueFort, CrowdStrike, and SentinelOne agents
- ▶ Ingest and enrich device details in TrueFort with device intelligence from Armis
- ▶ Map IT applications as well as incoming/outgoing connections from IoT and OT
- ▶ Understand and baseline behavior of communication flows for acceptable interactions
- ▶ Alert on behavioral and configuration anomalies to prevent exploit and lateral movement
- ▶ Discover on/off network devices for highly accurate inventory and status of devices
- ▶ Combine detailed device version and configuration, network relationships with application context

TrueFort & Armis protect all manner of assets by intelligently baselining normal, high-volume activities within and between applications, limiting future behavior to only what should be trusted. Prevent compromise and reduce risk through insight into the application environment and efficiently reduce the attack surface with microsegmentation.

IT, OT, and IoT devices need to be automatically identified and profiled in real-time for unusual behavior, allowing for alerting on any anomalies. Through **discovering**, **understanding**, and **enforcing** communication flows that occur, together, TrueFort and Armis enable definitive visibility and control, ensuring **only authorized communication** is allowed, preventing adversaries from gaining access. In-depth understanding enables you to put strong mitigating controls to shield vulnerabilities and enforce microsegmentation to control lateral movement. Inventorying your systems, software, and communications enables you to streamline your microsegmentation journey.

Better Together: TrueFort and Armis help you

- ▶ **Discover everything you have** - your applications, devices, service accounts, and infrastructure within a day using your existing agents and agentless technology.
- ▶ **Understand workload behavior and map it** to the applications to baseline normal operations. Gain confidence in what to block, disable, and kill.
- ▶ **Enforce by account and action and or push enforcement** to host firewalls or block with the TrueFort agent.

Through working together, Armis and TrueFort strengthen the discovery, understanding, and enforcement of security initiatives for IT and OT systems, enabling you to protect your business applications.

ABOUT TRUEFORT

TrueFort Fortress is the real-time zero trust application protection platform that is purpose-built to secure dynamic and complex application environments cloud-to-ground, leveraging CrowdStrike telemetry, advanced behavioral analysis, machine intelligence and automation to reduce excessive trust and related risks.

Learn how TrueFort can enable zero trust application protection for your organization through microsegmentation and other application-centric controls.

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