



PARTNER BRIEF



Armis + Profitap: Complete Visibility, Zero Blind Spots

Overview

As networks grow in scale and complexity, visibility becomes one of the biggest challenges to maintaining security and performance. Armis and Profitap have joined forces to close that gap.

Profitap delivers packet-based network intelligence through lossless traffic access, aggregation, and optimization. **Armis Centrix™** turns that data into real-time insight by discovering every asset, analyzing behavior, detecting threats, and automating protection across IT, OT, IoT and medical device environments whether physical, virtual or hybrid.

Together, Armis and Profitap give organizations a single, reliable view of all network and device activity thereby empowering security and operations teams to eliminate blind spots, reduce risk, and respond faster to unacceptable risk.

The Challenge




Enterprises today rely on complex, distributed networks that span multiple sites, data centers, and cloud environments. With so much connectivity, maintaining consistent visibility into every packet of network traffic, every asset and every potential attack path is increasingly difficult.

When organizations depend solely on SPAN ports or limited monitoring points, they risk oversubscription, dropped packets, and incomplete data. That leads to blind spots where threats can hide undetected. It also makes troubleshooting harder, slows response, and raises operational risk.

Profitap solves this challenge by providing a dedicated layer of network access and optimization designed for scale. Passive TAPs and Network Packet Brokers ensure clean, reliable traffic delivery to the Armis Centrix™ platform, giving teams an accurate, efficient and continuous feed for asset intelligence and continuous threat exposure management (CTEM).

The Solution

Armis and Profitap deliver an integrated approach that combines complete network visibility with continuous asset intelligence.

-  **See** - Profitap's TAPs and Network Packet Brokers capture, aggregate, and forward network traffic without loss or disruption.
-  **Protect** - Armis Centrix™ analyzes this traffic to detect anomalous activity, identify potential threats, and trigger automated responses.
-  **Manage** - Together, the solution enables continuous discovery, contextual insight, and security workflow automation across every connected asset and network segment.

This combination ensures reliable visibility and actionable intelligence across even the most distributed and complex environments.

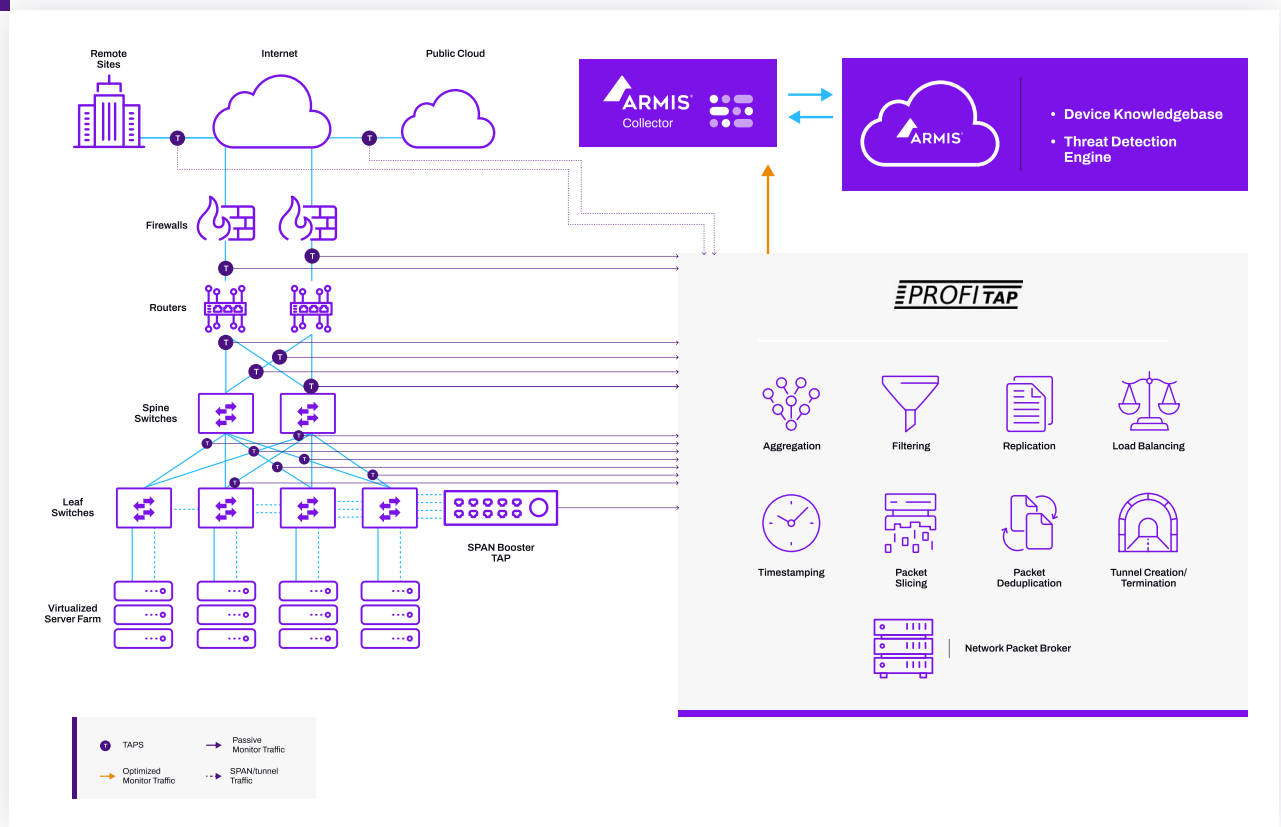


Figure 1: Profitap's TAPs and Network Packet Brokers sit between the production network and the Armis Centrix™ collector. TAPs replicate live traffic passively, while Packet Brokers aggregate and optimize it for delivery. This ensures the Armis platform receives a continuous, high-quality data stream for analysis.

Armis Centrix™ then identifies, classifies, and monitors every connected asset; correlating network activity with behavioral context to detect risks, enforce policies, and automate response.

How It Works

Profitap's network observability layer feeds high-fidelity, optimized traffic to Armis Centrix™.



1. Access - Profitap Network TAPs provide passive, lossless traffic replication from any link, ensuring full data capture without affecting production performance.



2. Optimize - Profitap's Network Packet Brokers aggregate and filter data from multiple network segments, removing duplicates and irrelevant traffic before forwarding it.



3. Analyze & Protect - Armis Centrix™ receives a clean, deduplicated feed for deep asset discovery, behavioral analysis, and risk-based response.

The result is complete visibility across every connected asset, from the network edge to the cloud.

Key Use Cases

Lossless Packet Capture - Replace unreliable SPAN ports with Profitap TAPs for consistent, lossless data collection.

Data Diode Protection - Use Profitap's one-way TAPs to securely send data to the Armis collector without risk of backflow into the network.

Traffic Consolidation - Combine multiple links into a single uplink using Profitap's Booster Aggregation TAPs to simplify connectivity and reduce interface load.

Collector Optimization - Filter and balance network traffic with Profitap's Network Packet Brokers, ensuring Armis Centrix™ receives only relevant, high-quality data.

Scalable Monitoring - Add new sites or network segments seamlessly without degrading performance or visibility.

Outcomes and Benefits

- **Continuous Visibility** - Always-on monitoring ensures every asset, device and pathway is seen in real time, without packet loss or data gaps.
- **Accurate Threat Detection** - High-quality, complete data enables Armis Centrix™ to identify threats and anomalies with greater precision.
- **Faster Response and Troubleshooting** - Cleaner data and contextual insights shorten investigation times and accelerate remediation.
- **Optimized Resource Utilization** - Aggregated, filtered traffic means less strain on collectors and more efficient use of hardware.
- **Reduced Downtime and Risk** - Reliable, real-time visibility helps prevent outages and contain threats before they spread.

Summary

Armis and Profitap together deliver the complete visibility that modern enterprises need. Profitap ensures lossless access to network data, while Armis transforms that data into meaningful intelligence and automated defense.

This joint solution gives organizations a unified view of their entire network and every connected asset thus eliminating blind spots, improving performance, and enabling stronger, faster, and more confident security decisions.





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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