



JOINT SOLUTION BRIEF FORESCOUT & PROFITAP

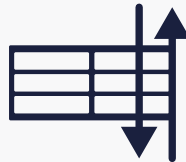
*RELIABLE DATA IN, ACTIONABLE
INTELLIGENCE OUT*

You can't secure what you can't see. As networks and devices multiply across IT, OT, and IoT, security teams face a critical challenge: eliminating blind spots to secure every connected asset.

By leveraging Profitap's traffic access and optimization solutions, the Forescout 4D Platform™ receives full access to the passive traffic required for complete, agentless, non-disruptive visibility across your entire network. This powerful combination is crucial for discovering, classifying, and securing all devices—including unmanaged IoT and OT devices—without interrupting your business operations.



**Profitap
Traffic Access**



**Profitap
Traffic Optimization**



**Forescout 4D
Platform™**

Solution components

Profitap's traffic access and optimization solutions are the foundation for reliable, lossless passive monitoring of key capture points throughout the network.

Profitap TAPs

- Provide a lossless, nonintrusive copy of all traffic on a network link. They are the industry-best practice alternative to SPAN ports for reliability and supporting full duplex replication on copper and fiber networks from 10Mbps up to 400Gbps. Additionally, once the TAPs are deployed, monitoring can be done without interruption of the operational link, resulting in no further downtime.

Network Packet Brokers (NPB)

- Maximize the efficiency of your monitoring tools by aggregating, filtering, deduplicating, and load balancing traffic from TAPs and SPAN ports before packet delivery to the Forescout 4D Platform™.

Virtual TAPs

- Provide a continuous copy of selected traffic in virtual and cloud environments.

The **Forescout 4D Platform™** provides intelligent control and continuous governance for any device, anywhere, through four core capabilities:

<p>Discover</p> <ul style="list-style-type: none"> The platform provides real-time visibility and a comprehensive inventory of every connected asset. This creates a deep, contextual record that allows you to monitor the entire asset lifecycle, ensuring operational continuity and compliance. 	<p>Assess</p> <ul style="list-style-type: none"> The platform assesses risk by correlating multiple data points to create prioritized risk scores based on criticality. This enables automated mitigation and proactive management by identifying and addressing security vulnerabilities in real time across all assets.
<p>Govern</p> <ul style="list-style-type: none"> The platform centralizes the enforcement of security policies and access rules, providing unified policy management and continuous governance at scale. This allows operators to easily define and deploy granular policies, including zero trust segmentation, to ensure enterprise-wide compliance and reduce the attack surface. 	<p>Control</p> <ul style="list-style-type: none"> Forescout transforms risk assessment into action with automated control and remediation. It uses advanced threat detection and real-time policy enforcement to contain threats, fix misconfigurations, and ensure device compliance.

Deployment benefits

Guarantee complete, lossless visibility

Network TAPs are deployed to replace fragile SPAN feeds and capture every frame—including VLAN tags and physical-layer errors—so the Forescout 4D Platform™ sees the full picture, fingerprints devices accurately, and speeds root-cause analysis without touching production links.

Safely illuminate legacy & OT segments

Passive TAPs are used to extend out-of-band visibility into unmanaged, legacy, and OT/IoT segments where SPAN is unavailable. Forescout continuously discovers, classifies, and governs unmanaged assets—without configuration changes or downtime.

Match network & tool speeds

Booster Aggregation TAPs are deployed to aggregate and convert multiple 10/100/1000 Mbps feeds into a right-sized 1/10G output. Forescout sensors receive consistent traffic at supported rates, preserving context and avoiding costly upgrades.

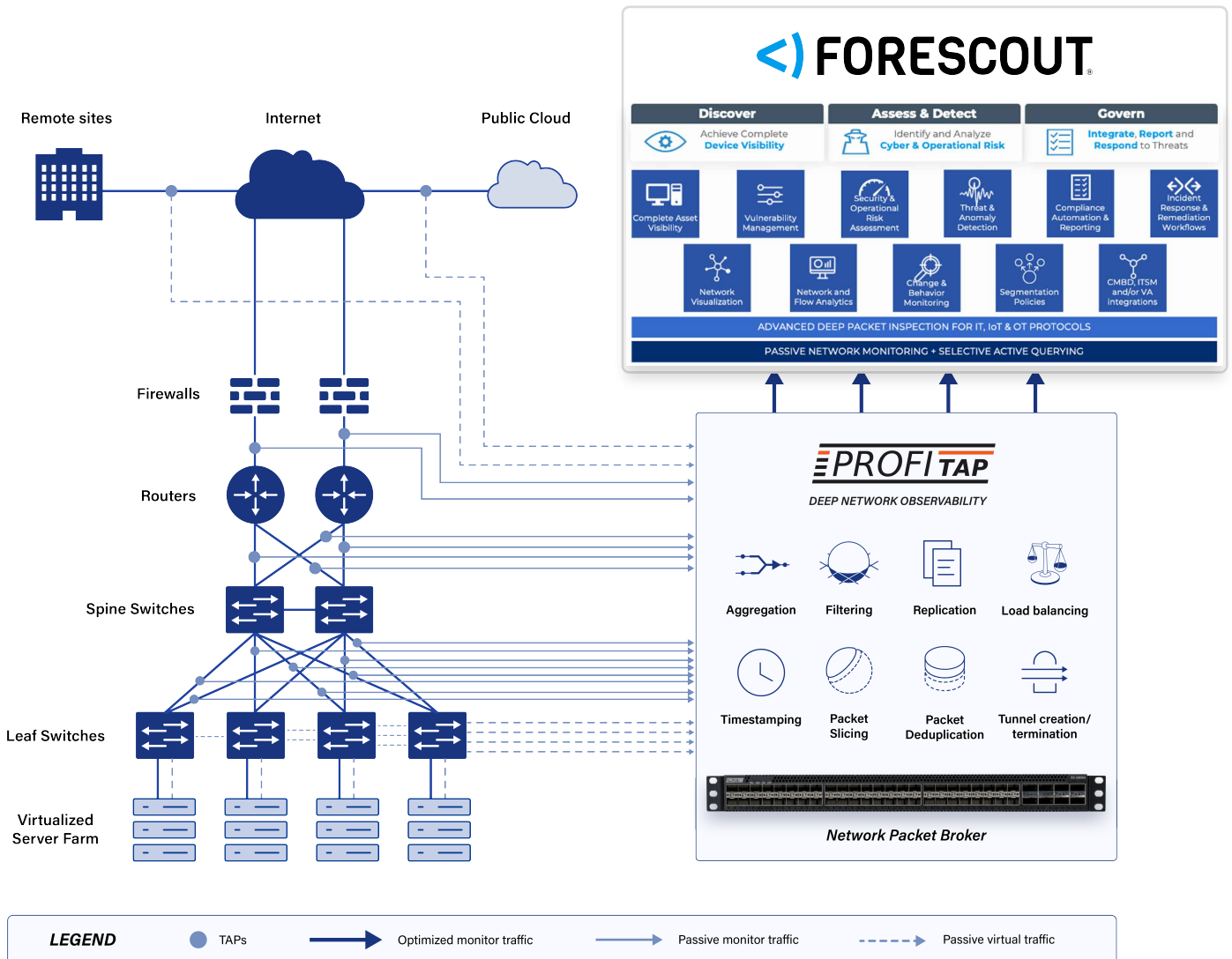
Reduce tool count & improve efficiency

A Network Packet Broker is inserted to aggregate, filter, deduplicate, and slice traffic so each Forescout sensor receives only what it needs. Teams reduce tool sprawl, improve utilization, and let one sensor observe multiple segments—lowering cost while improving detection quality.

Sample Architecture

The following architecture shows how Profitap and Forescout are deployed in a modern data center.

- 1.** Profitap **Network TAPs** are installed on network links to passively replicate traffic as it traverses the network. This provides 100% visibility to north/south and east/west traffic flows.
- 2.** The Profitap **Network Packet Broker** (NPB) aggregates the passive traffic from all TAPs and forwards only the traffic of interest to the Forescout sensors for Passive Network Monitoring.
- 3.** The **Forescout 4D Platform™** consumes the passive traffic from the Profitap NPB for complete asset visibility and real-time device discovery.





Profitap provides packet-based network intelligence to enhance network monitoring and bolster cybersecurity.

Its unified network observability platform offers reliable data access, traffic optimization, and robust traffic capture and analysis capabilities. These solutions minimize network troubleshooting MTTR, eliminate downtime, support lawful interception, simplify network complexity, and strengthen security for existing and new networks.

Serving over 1,100 clients across more than 70 countries, Profitap's network monitoring solutions deliver comprehensive visibility and analytics across all traffic, ensuring comprehensive insight into physical and virtual infrastructures globally.

www.profitap.com



Forescout Technologies, Inc., a global cybersecurity leader, continuously identifies, protects, and helps ensure the compliance of all managed and unmanaged cyber assets – IT, IoT, IoMT, and OT. For more than 20 years, Fortune 100 organizations and government agencies have trusted Forescout to provide vendor-agnostic, automated cybersecurity at scale.

The Forescout Platform delivers comprehensive capabilities for network security, risk and exposure management, and threat detection and response. With seamless context sharing and workflow orchestration via ecosystem partners, it enables customers to more effectively manage cyber risk and mitigate threats.

www.forescout.com


FIND OUT MORE ON WWW.PROFITAP.COM

Profitap HQ B.V.
High Tech Campus 84
5656 AG Eindhoven
The Netherlands

sales@profitap.com
www.profitap.com

 Profitap

 @Profitap

 Profitap-international