

INTEGRATION OVERVIEW

Claroty xDome and Profitap

Enabling Secure, Passive Monitoring for Critical Infrastructure Networks

Executive Summary

Organizations in critical infrastructure sectors, such as nuclear energy and industrial operations, operate in highly regulated, high-stakes environments where system uptime, network integrity, and compliance are non-negotiable. These environments require continuous, reliable visibility into network activity without introducing new risks or points of failure.

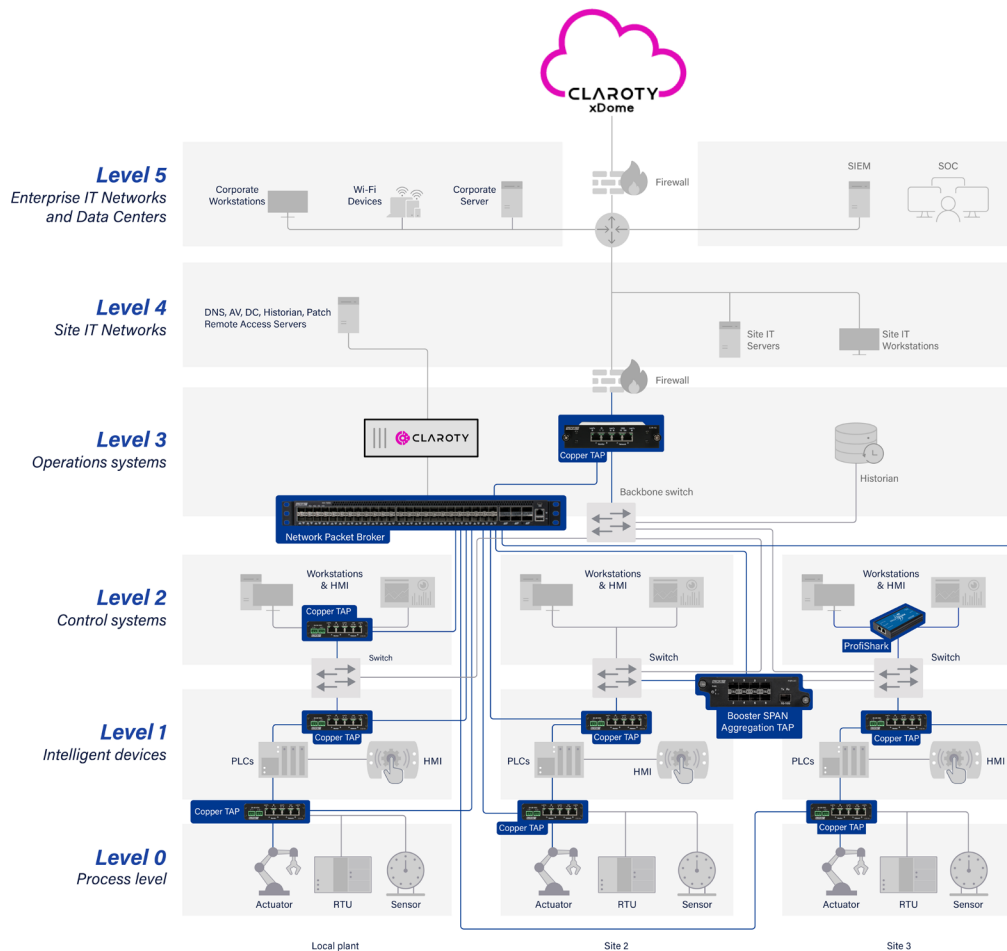
Claroty and Profitap have partnered to deliver a robust, non-intrusive solution that provides full visibility into operational technology (OT) networks while ensuring uninterrupted system performance. Profitap's passive network TAPs and Network Packet Brokers (NPBs), combined with Claroty xDome's cloud-native OT asset intelligence and risk management capabilities, offer a powerful way to passively discover assets, monitor communications, and identify risk across infrastructure-critical environments without operational impact.

Joint Solution: Claroty and Profitap

The Claroty-Profitap joint solution empowers critical infrastructure operators with passive, centralized visibility into OT assets and their associated risks. It enables organizations to maintain accurate asset inventories, visualize communications, and assess security posture, without disrupting operations or introducing monitoring risks.

Key Features & Benefits

- **Fail-Safe Operation:**
Passive TAPs ensure 100% visibility and uninterrupted network uptime, even during power loss or surges in network bandwidth.
- **Regulatory Compliance:**
Secure Line TAPs with data-diode functionality and tamper-evident seals support cybersecurity standards for critical infrastructure recognized in multiple European countries.
- **Full Visibility:**
Network Packet Brokers aggregate monitor traffic from multiple TAPs and SPANs across multiple network segments to eliminate blind spots.
- **Coexist with Existing Tools:**
NPBs share the right traffic with the right tools to ensure Claroty xDome can coexist with existing customer tool sets.



- **Passive Access to OT Traffic** - Profitap TAPs provide an exact, real-time copy of network traffic for Claroty xDome's Collection Servers to analyze. This access is completely passive, meaning no disruption to network operations and no detectable footprint.
- **Asset Discovery and Communication Mapping** - Claroty xDome uses deep packet inspection and protocol analysis to automatically identify, classify, and group assets while mapping their communications.
- **Cloud-Native Risk Assessment and Visibility** - Claroty xDome aggregates this insight in a cloud-based dashboard to continuously track vulnerabilities, misconfigurations, and risky behaviors across distributed environments.
- **Secure Monitoring in Sensitive Environments** - Especially suitable for sectors like nuclear energy and critical infrastructure, where any network downtime or interference can pose safety and compliance risks. Profitap's passive hardware and Claroty's software ensure real-time insights with no operational trade-offs.
- **Support for Compliance and Audits** - Combined capabilities provide a foundation for proving adherence to cybersecurity standards and conducting retrospective analysis. Clear records of all network activity support both real-time investigations and scheduled compliance assessments.
- **European Security Standards Alignment** - Profitap's alignment with government-grade security standards (ANSSI, BSI) makes it especially well-suited for regulated entities across Europe, while Claroty xDome provides the contextual intelligence needed to turn that raw data into actionable security outcomes.

Ideal for Critical Infrastructure Operators

- **Nuclear Facilities and Energy Providers** - Discover and monitor sensitive OT assets without impacting uptime.
- **Government-Regulated Industrial Sites** - Meet the demands of local or national cybersecurity frameworks with a defensible monitoring stack.
- **Global Enterprises with High-Security Demands** - Extend secure, passive monitoring and centralized risk visibility to remote or distributed industrial operations.

Real-World Use Cases Powered by Claroty and Profitap

Asset Visibility Across Distributed Networks

Industrial organizations use Profitap's TAPs to provide real-time access to traffic across OT environments. Combined with Claroty xDome, this enables continuous asset discovery, risk scoring, and compliance tracking.

Compliance Auditing for Critical Infrastructure

Operators in regulated sectors leverage the joint solution to retain complete visibility into network communications. This enables efficient, audit-ready reporting for frameworks such as IEC 62443 and national cybersecurity mandates.

About Claroty

Claroty has redefined cyber-physical systems (CPS) protection with an unrivaled industry-centric platform built to secure mission-critical infrastructure. The Claroty Platform provides the deepest asset visibility and the broadest, built-for-CPS solution set in the market comprising exposure management, network protection, secure access, and threat detection - whether in the cloud with Claroty xDome or on-premise with Claroty Continuous Threat Detection (CTD). Backed by award-winning threat research and a breadth of technology alliances, The Claroty Platform enables organizations to effectively reduce CPS risk, with the fastest time-to-value and lower total cost of ownership. Claroty is deployed by hundreds of organizations at thousands of sites globally. The company is headquartered in New York City and has a presence in Europe, Asia-Pacific, and Latin America. To learn more, visit claroty.com.

About Profitap

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.

To learn more about our joint solution go to <https://www.profitap.com/contact-us/>