Secure IoT Devices

Real-Time Visibility, Protection, and Simplified Management with Versa IoT Security

Enterprises struggle to manage and secure growing fleets of IoT and OT devices, leaving organizations vulnerable to cyber attacks. Traditional IoT security methods don't provide full visibility, rely on outdated segmentation, and use unscalable management approaches. As part of Versa's Unified SASE platform, Versa IoT Security combines automated discovery and identification, policy enforcement, and dynamic microsegmentation to protect devices in real time. Its agentless, scalable architecture simplifies operations and reduces management overhead.

Challenges: IoT/OT Devices Create Security Blind Spots and Operational Burden

IoT and OT devices such as smart printers, IP cameras, digital signage, thermostats, and even SCADA systems create significant security risks and management challenges. Most lack authentication capabilities, run outdated or unpatchable firmware, and create easy entry points for cyberattacks. When employees add devices to the network outside IT's visibility, security teams face growing blind spots and potential compliance violations. Traditional, manual VLAN-based segmentation fails to scale and leaves networks vulnerable to lateral movement of threats inside the network

Legacy IoT Security Pain Points

No Device Visibility

ISSUE

Millions of connected devices deployed across networks with limited visibility.

IMPACT

Creates security blind spots. Dedicated IoT sensors add cost/ management complexity, degrade network performance.

Security Risks and Vulnerabilities

ISSUE

IoT devices cannot be authenticated, easily patched, or secured with traditional enforcement methods.

IMPACT

Devices running outdated firmware become targets for attackers.

Complex, Manual Device Management

ISSUE

Traditional management methods involve manual, VLAN-based segmentation and require third- party sensors.

IMPACT

High operational cost and inconsistent security enforcement. VLAN-based segmentation reduces productivity and still allows lateral threat movement.

With billions of IoT devices flooding enterprise networks, organizations need a security approach that scales, provides visibility, enables rapid response, and simplifies operations.

Versa IoT Security

Versa IoT Security provides automated, real-time visibility and protection for IoT and OT devices when they connect to the network. The solution eliminates blind spots, scales across distributed environments without agents or sensors, and enforces consistent security policy through integrated network and security controls.

Automated, Real-Time Device Discovery

Versa automatically detects and fingerprints devices as soon as they join the network. Security teams gain accurate visibility into device type, vendor, and behavior without having to deploy dedicated IoT sensors or additional hardware. This improves operational efficiency and ensures no device enters the environment unnoticed.

Effortless, Agentless Scalability

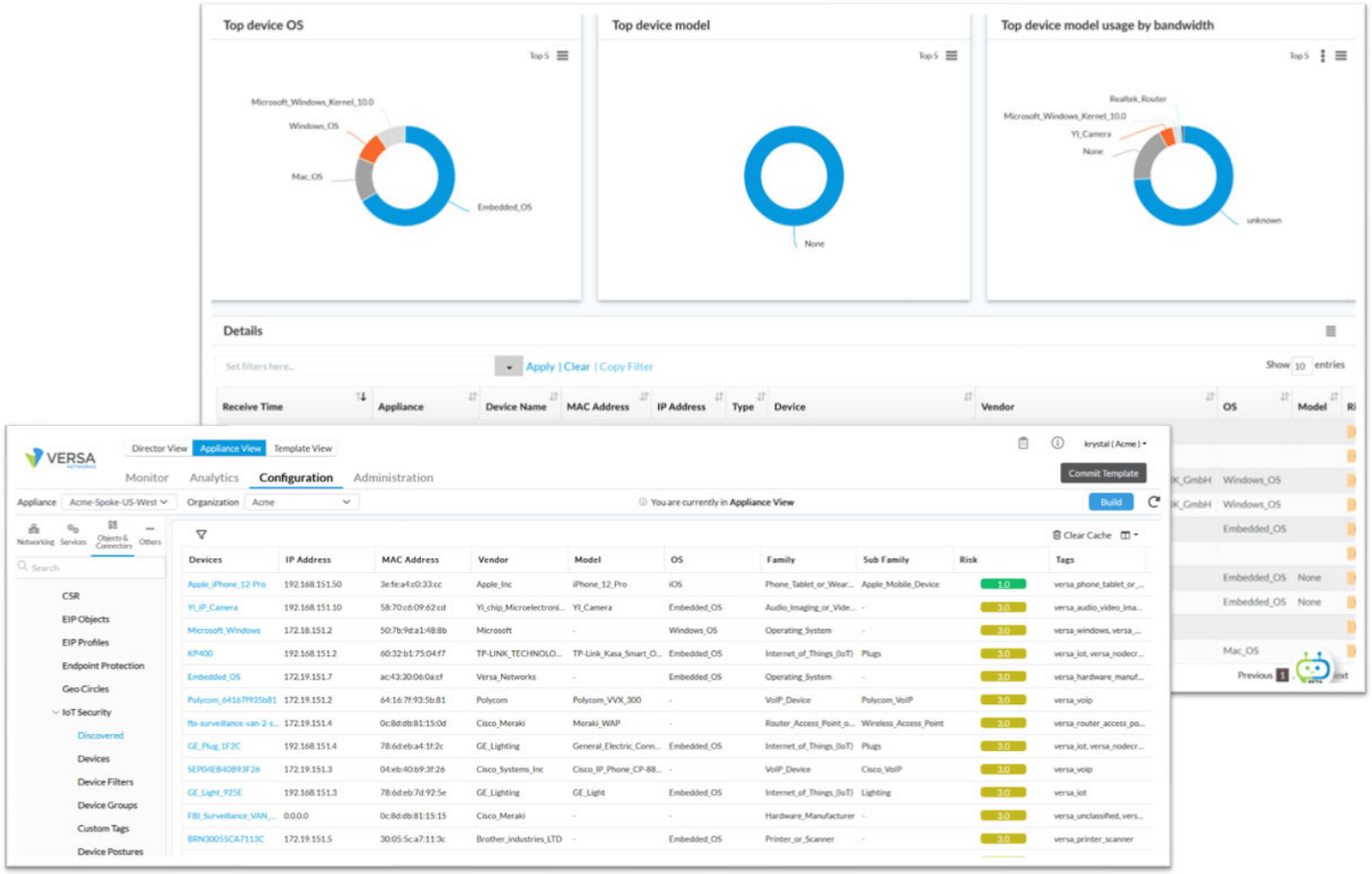
Versa's clientless architecture allows organizations to scale IoT security across diverse environments and locations without device agents, compatibility checks, or third-party tools. Plug-and-play deployment accelerates rollout, while centralized management simplifies ongoing operations across large, distributed ecosystems.

Integrated Policy Enforcement

Versa applies appropriate security policies immediately after device identification, unifying detection and enforcement within a single platform. Teams eliminate visibility gaps, reduce exposure time, and maintain consistent protections across every site and device category through centralized, context-aware controls.

Real-Time Protection with Microsegmentation

Versa isolates compromised devices automatically using dynamic microsegmentation that controls both north-south and east-west traffic. Devices are segmented by classification and risk level instead of VLAN assignments, applying Zero Trust principles and preventing lateral movement within the network.



The Versa management dashboard allows admins to view IoT analytics, see discovered IoT devices, easily apply policies, and perform additional security and operational tasks from a single console.

Versa IoT Security Key Benefits

- **Automatic Device Discovery and Fingerprinting:** Automatically identifies all connected IoT devices, eliminating the need for manual onboarding. All devices are automatically categorized and assigned default risk levels reducing costs and management overhead from dedicated IoT sensors.
- **Real-Time Protection:** Implements Zero Trust policies across all IoT devices, ensuring every connection is validated and secured. Prevents lateral movement by isolating compromised devices automatically with microsegmentation.
- **Advanced Security:** Includes NGFW, URL filtering, IPS, ATP, and other advanced security features. Detailed logging and monitoring provides continued device action and behavior visibility.
- **Agentless Scalability:** Accelerates and simplifies deployments across diverse locations and device types. Reduces maintenance overhead by supporting large, distributed IoT ecosystems without additional infrastructure investment.

Customer Spotlight

A national bank needed to secure connectivity for its ATMs, point-of-sale (POS) systems, and security cameras. Versa IoT Security allowed the bank to establish secure communication across branch devices, providing complete visibility and protection for all devices without deploying additional equipment at branch locations. Centralized management of ongoing operations further reduced operational complexity and cost.

Why Versa

Versa IoT Security delivers comprehensive visibility and protection built for diverse, distributed IoT environments. Versa integrates automated device discovery, policy enforcement, and microsegmentation into a unified SASE platform. Its agentless architecture scales dynamically with device growth, delivering high-performance security for environments ranging from manufacturing facilities to retail locations to distributed enterprise branches. Versa's flexible deployment options make it easy for organizations to protect IoT devices without adding complexity or dedicated infrastructure.

To learn more about how Versa IoT Security eliminates blind spots and simplifies IoT protection, request a demo.

Explore Versa IoT Security.

Versa Networks, Inc, 2550 Great America Way, Suite 350, Santa Clara, CA 95054
Tel: +1 408.385.7660 | Email: hello@versa-networks.com | Website: www.versa-networks.com