



# Mist and WootCloud Deliver Contextualized Visibility & Control to Secure Smart Devices

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## The Challenge Today

Businesses today are increasingly pressured to manage a staggering number of networked smart devices. An [explosive growth](#) in connected devices is exponentially increasing the attack surface. Most enterprises and government institutions are already under [constant and unyielding attacks](#) by rogue nation states and cyber criminals, yet connected smart devices are often overlooked as a significant attack vector for such attacks.

## The Mist and WootCloud Solution

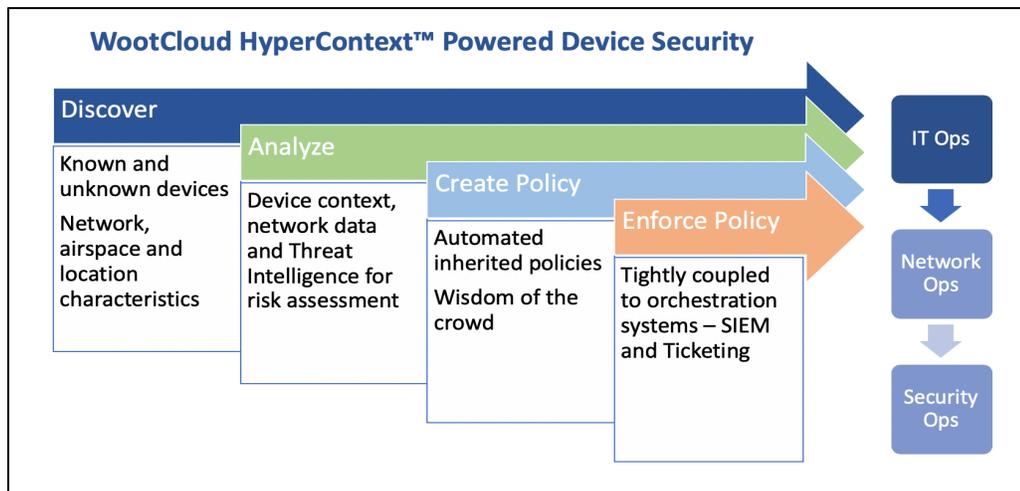
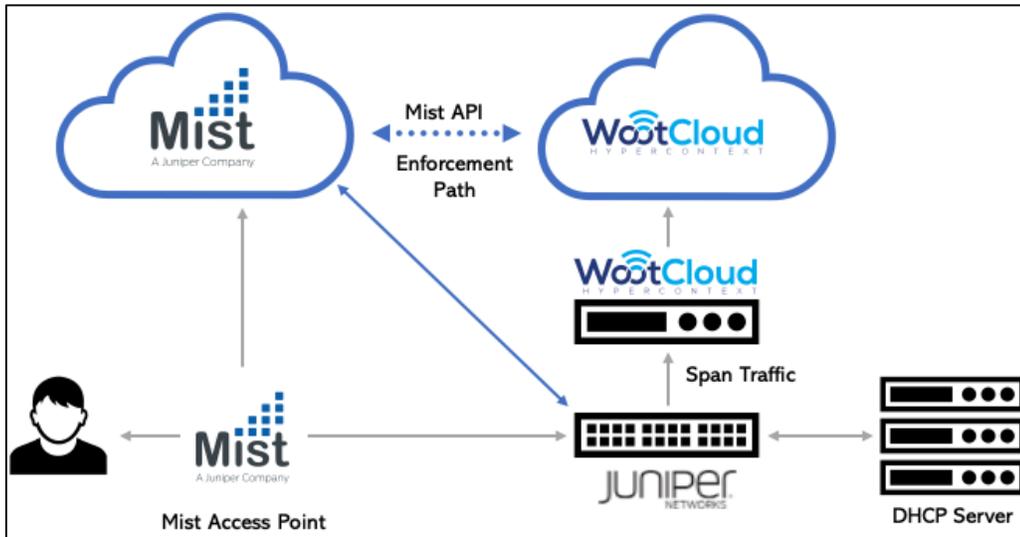
Mist and WootCloud have partnered to combine access point functionality with device level risk and threat assessment to deliver an industry leading integrated solution that provides actionable insights by combining device context, network data and threat intelligence and enables companies to understand the risk profile of unmanaged, transient devices and enforce a unified policy across all their campuses.

## Solution Features and Benefits

The integration of the AI-driven networking from Mist and the contextual device security from WootCloud delivers:

- Improved visibility and control over unmanaged and headless devices
- Micro segmentation via software driven dynamic access control beyond 802.1x
- Zero Day threat detection and remediation
- A comprehensive connectivity score and risk score for every device in the environment
- Security, IT and Network hygiene and risk scores, single pane of glass view of measurements across all customer sites and locations

## How We Work Together



### Next Steps

To learn more about the joint Mist-WootCloud solution, please contact your Mist representative, or visit <http://wootcloud.com/> and <https://www.mist.com/>.

### About Mist

Mist built the first AI-driven Wireless LAN (WLAN), which makes Wi-Fi predictable, reliable, and measurable and enables scalable indoor location services like wayfinding, proximity messaging and asset visibility. In addition, Mist's AI technology plays a key role in bringing automation and insight across the full IT stack, delivering seamless end-to-end user experiences and substantial IT cost savings. In 2019, Mist was acquired by Juniper Networks. The deal will enhance Juniper's enterprise networking portfolio by combining Mist's next-generation Wireless LAN (WLAN) platform with Juniper's best-in-class wired LAN, SD-WAN and security solutions to deliver unsurpassed end-to-end user and IT experiences. For more information, visit [www.mist.com](http://www.mist.com)

### About WootCloud

WootCloud is a leading agentless, enterprise class network segmentation and threat management platform to secure all types of devices in business environments. With patented technology you can granularly segregate unmanaged devices and automatically create nuanced device security policies at IoT scale. A privately held company, WootCloud is headquartered in San Jose, California, with offices in India and Argentina.

## Solution Components

**Mist cloud:** All wireless deployment, operational, and management functions are handled via the Mist cloud, which delivers the following Wi-Fi and virtual Bluetooth LE services:

**Wi-Fi Assurance:** Includes user service levels, anomaly detection, automated event correlation for troubleshooting, dynamic packet capture, policy configuration, guest WLAN access, and more.

**Marvis Virtual Network Assistant:** Provides natural language queries with integrated help desk functionality for rapid and simple root cause determination and problem resolution while realizing the self-driving network with its Marvis Actions framework.

**Mobile user engagement:** Pushes location-based information to mobile users, such as turn-by-turn directions and proximity notifications.

**Asset location:** Finds high-value resources such as shipping pallets, wheelchairs, security personnel, etc.

**Mist Access Points** are deployed on premises for Wi-Fi, BLE, and/or IoT access.

### WootCloud HyperContext® Platform:

**Device Discovery:** Agentless, passive, non-intrusive solution that discovers all types of devices on the network and RF spectrum and correlates these to a singular device.

**Enriched Device Context:** Collects device information from physical, logical, operational, locational and temporal data points and performs deep packet analysis to provide a fine-grained analysis of every device.

**WootCloud TrueID™:** Accurately identifies and fingerprints all devices in the organization automatically and recognizes anomalous behavior at the device level.

**Risk Assessment:** Provides a unique risk profile for each device, calculated by an algorithm to identify SecOps, Network Ops, & IT Ops gaps to improve device risk posture.

**Micro-Segmentation:** Software defined and decoupled from the network hardware and NAC tools. at machine speed and IoT scale.

**Large Scale Automation via Policy Enforcement:** Enforces control points which automates handling large numbers of different devices, maintaining security and compliance in the organization.