Simplify Device Management, Security and Control with WootCloud and MIST

Complexity Is the Enemy of Security

There is this old saying in the IT security space that "complexity is the enemy of security.". Among the earliest references to this saying are from IT security guru [Bruce Schneier](#) who's explanation is the clearest: Systems get harder to secure as they get more complex. And since our systems are getting more complex all the time, security is becoming more challenging. And devices are consistently being deployed at massive scale which introduces a host of complexities around device support, administration, configuration, updating, patch management and so on.

The Drive to Simplicity

The answer to the issue of complexity that increases security risks in corporate environments is to simplify. That means simplifying the implementation of secure device designs and configurations. It also means simplifying the processes for maintaining security of devices in production deployment.

Enter the **WootCloud HyperContext ™ platform** that seamlessly works with your MIST APs and cloud solution that will simplify device management, security and control for you. Here's what you get.

Benefits using WootCloud and MIST together

Enhanced coverage - Wifi, Wired and BLE

Comprehensive risk score - for every device in the environment.

Improved visibility and control- over unmanaged and headless devices.

Single pane of glass view - of measurements across all sites and locations.
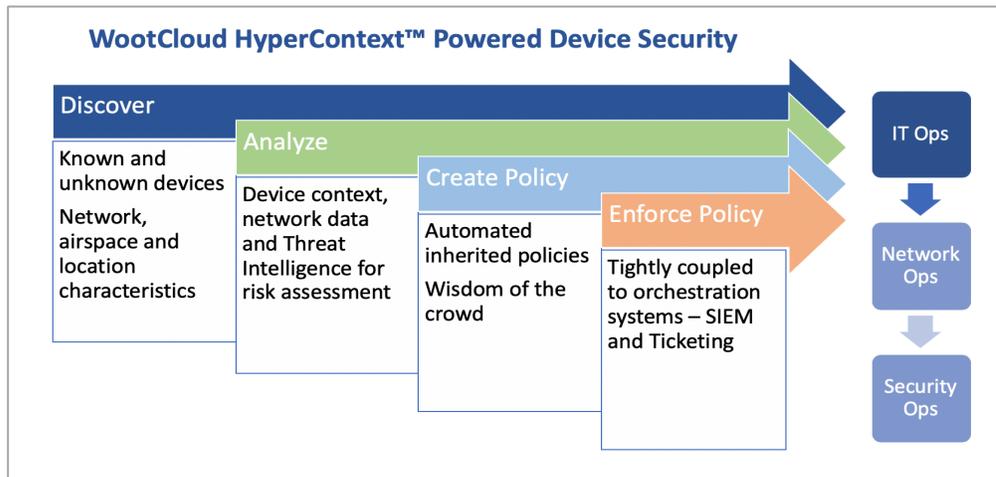
Micro-segmentation - via software driven dynamic access control beyond 802.1x.

No new equipment - MIST becomes the RF sensor for the WootCloud platform and the point for remediation and access control.

No NAC needed - for Zero Day threat detection, remediation and access control.

WootCloud HyperContext™ Powered Device Security

Discover	Analyze	Create Policy	Enforce Policy	IT Ops
Known and unknown devices Network, airspace and location characteristics	Device context, network data and Threat Intelligence for risk assessment	Automated inherited policies Wisdom of the crowd	Tightly coupled to orchestration systems – SIEM and Ticketing	

Network Ops

Security Ops

WootCloud HyperContext Platform Features

- **Device Discovery:** Agentless, passive, non-intrusive solution that discovers all types of devices on the network and RF spectrums and ties these spectrums to a single device. It also monitors WiFi, Bluetooth, BLE, and Zigbee.
- **Granular Device Context**: Collects device information from physical, logical, operational and locational touch points and performs deep packet analysis to provide a fine-grained analysis of every device in the organization.
- **True Identity™:** Accurately identifies and fingerprints all new devices seen in the organization automatically, recognizes anomalous behavior at device level, and offers insights and analytics about device level risks and threats and best practices around mitigating threat profiles.
- **Risk Assessment:** Provides unique risk profile for each device, calculated by our proprietary algorithm to identify SecOps, Network Ops, & IT Ops gaps to improve device risk posture.
- **Micro-Segmentation:** Implemented in a software layer, decoupled from the network hardware and NAC tools, and, when coupled with deep device context, delivers segmentation that is easy to deploy and operate automatically at IoT scale.
- **Large scale automation via policy enforcement:** Enforces control points which automates handling large numbers of different devices and maintaining hygiene in the organization.

Make your life simpler, easier and successful. Consider a WootCloud integration with your MIST APs and cloud solution. We welcome you to schedule a demo in the WootCloud Demo Calendar to see the benefits for yourself. You can also enjoy a complimentary smart device assessment for your organization.

About WootCloud
WootCloud is the only smart device security platform that uncovers unmanaged devices on both the radio and network spectrum and analyzes over 300 device parameters to generate device risk scores. This helps organizations discover gaps in their device risk posture and the opportunity to close these gaps. A privately held company, WootCloud is headquartered in San Jose, California, with offices in India and Argentina.

WootCloud
HYPERCONTEXT

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