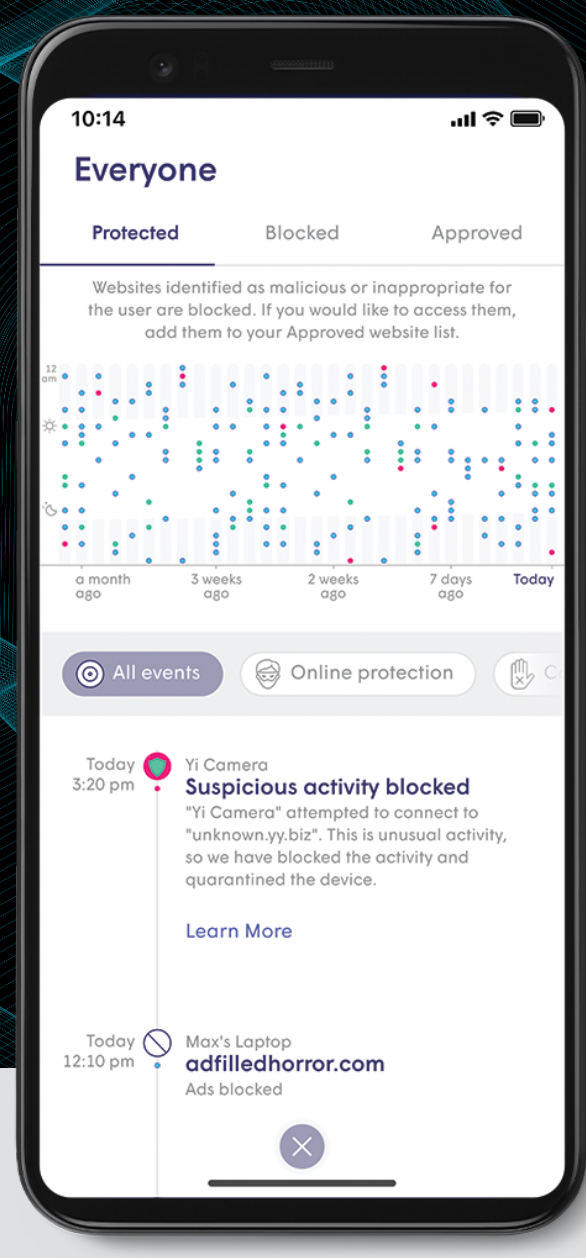
AIRSONICS LIMITLESS WI-FI | Plume

Guard

Protect your customers from cyber threats anywhere in your network—down to the device.



Smart homes are only as safe as their weakest link

From TVs and thermostats to appliances and gaming consoles, today's smart homes are filled with devices vulnerable to cyberthreats. Traditional device-specific solutions, however, require device-specific updates and provide no overall home visibility, control, or protection.

Turn their smart homes into secure zones

Plume's Guard service neutralizes threats throughout the home, powered by cloud-based real-time protection algorithms and machine learning-based intelligence. The system is easily deployed on Plume pods or your OpenSync-enabled gateway and user-managed with a simple mobile app. Dashboards let you monitor network threats and resolve user issues down to the device.

Key features

Advanced device typing (ADT)

ADT technology classifies 95% of devices within minutes and ensures cloud-customized performance for each device. Details are available to CSPs, enabling smart home managed services.

Whole-home device protection

AI-based global threat intelligence protects every connected device in the home from visiting known malicious destinations, protecting infection from malware, spyware, ransomware and phishing attacks.

Intrusion detection and blocking

IP-based online protection stops outside attackers from gaining access to home networks and notifies users of any attacks on exposed devices.

Behavioral analysis and anomaly detection

Guard's Anomaly Detection uses machine learning to understand normal IoT device activity and develop a whitelist of allowable behaviors. Anomalies are reviewed and high-severity outliers are automatically blocked.

Remediation and isolation

When high-severity anomalies are detected, Guard automatically blocks connections and quarantines devices on their local networks to prevent the spread of malicious code.

Network-wide security dashboard

See what's happening in your network through various lenses, including by activity, time period, and geographic distribution, so you can respond quickly to infrastructure threats.

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Key benefits

Monitor

Visualize your customer network down to the device level from a comprehensive dashboard. Filter, track, and analyze cybersecurity events as well as active threats.

Prevent

Stay ahead of emerging threats with Guard's machine learning, which updates device profiles continuously and stops intrusions before they start.

Protect

Safeguard customer privacy and data, as well as your network, from malicious attacks. Meanwhile, customers can stop unwanted ads and content by user and device.

Correct

Correlate threats across your network for faster response to wide-scale attacks. Isolate compromised devices, and notify users and manufacturers of exposed devices.

The relentless threat of cybercrime

Over a single 90-day period in 2019, 75% of Plume subscribers experienced security threats that required blocking, with malware and spyware topping the charts. In total, Guard identified and neutralized 4.5 million individual threats over the time period.

75% of homes are impacted

4.5 million total threats

Key Threats

Malware	54%
Spyware/Adware	29%
Proxy Avoidance, Phishing, Botnets	17%

Devices Targeted

Computers	53%
Mobile Phones	21%
IoT	20%
Tablets	6%

Why partner with Plume?

Our services are proven to help CSPs reduce costs while increasing operational efficiency.*

NPS	Truck rolls	Monthly ARPU	ROI
▲ 60+	▼ 67%	▲ $15	▲ 200%

*Data based on an average taken across Plume's deployed CSP customer base.

Let's get started

Plume is brought to you by:

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