

# AirGuard<sup>SM</sup>

## Invisible Threats. Visible Protection



Actively hunt and terminate cyberattacks before they impact your business

IT Security teams are already overwhelmed today. Geographically dispersed IT operations, hybrid and multi-cloud environments, prolific use of SaaS applications and a growing use of IoT/OT devices are generating thousands of security alerts per day. This leads to fatigue in lack of efficiency when triaging incidents, leaving the organization exposed to threats and vulnerabilities.

With over 80% of IoT/OT deployments being wireless, wireless is the new network and new attack surface. This new wireless security blind spot is further exacerbated when communications are beyond WiFi & Bluetooth using broad spectrum RF, cellular 4G/5G or private/public LTE networks.

The proliferation of IoT devices has led to a growing visibility challenge as IoT has ushered in a plethora of new operating systems, new protocols and new frequencies that are simply foreign to the business. And with the growth of 5G cellular ramping up, more organizations are discovering that they have a significant lack of visibility into this new attack surface.

Protect your airspace 24x7 with  
AirGuard<sup>SM</sup> Wireless SOCaaS from LOCH Technologies.

### THE STATE OF CYBERSECURITY

**315 DAYS**

Average time to identify and contain a malicious breach

**\$4.3M**

Average cost of a presumed state-sponsored breach

**40%**

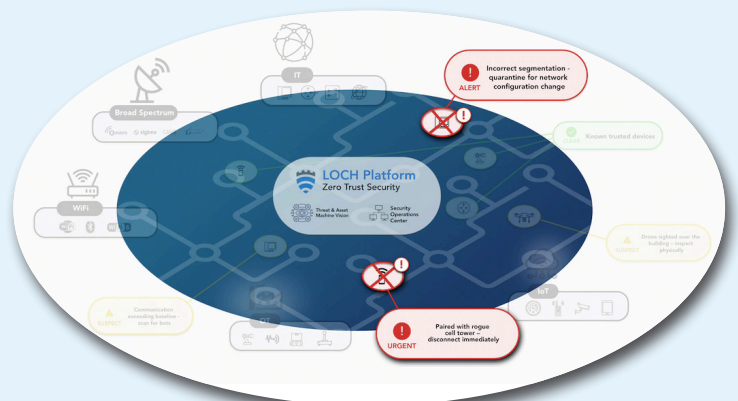
of cyber attacks targeting weak links in wireless infrastructure

## AirGuard<sup>SM</sup> Wireless SOCaaS

### DETECT - TRACK - REMEDIATE

Detect the invisible threats, monitor and collect data from surrounding networks for complete visibility:

- Clients: Users, Devices and Machines including IoT, IIoT, IoMT, OT
- WiFi Access Points and Controllers
- Ensure policy compliance with continuous monitoring of all network connections
- Broad Spectrum RF Receivers and IoT Gateways
- Distributed Antenna Systems
- Private LTE and CBRS Systems
- API-enabled Carrier Services for cellular detection



# AirGuard<sup>SM</sup> Guarantee

- ✓ Continuous cellular IoT visibility of wireless devices with DVR-capabilities
- ✓ 24x7 monitoring with priority alert handling and monthly reports
- ✓ Wireless Experts as an extension of your networking and security teams
- ✓ On-site services available for heatmapping, installations, upgrades
- ✓ AirGuard<sup>SM</sup> Wireless SOC Services provides:
  - Procurement, installation and replacement of network infrastructure
  - Manage and monitor wireless equipment
  - Multi-vendor API driven asset and event data correlation for real time analytics
  - AirShield protection for broad spectrum IoT deployments (100MHz to 6GHz) air space protection



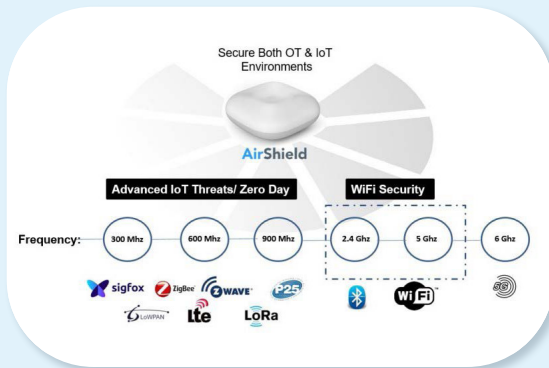
Due to the explosive growth and adoption of IoT, reality has set in whereby organizations of all sizes are struggling to cope with this massive hyper-connectivity management and security threat monitoring. Detecting threats quickly and then being able to take swift action is no trivial matter. Despite deploying multiple favorite security tools, the plethora of new operating systems, protocols and frequencies being used by IoT requires new vigilance and expertise due to the nature of complexity.

**AirGuard<sup>SM</sup>**: Wireless SOCaaS enables enterprises to tap into the decades of experience that LOCH Technologies has gained in the world of wireless networking – 802.11 WiFi, Bluetooth, 802.15.4 and other Broad Spectrum RF, cellular 4G/5G or private/public LTE technologies.

The **AirGuard<sup>SM</sup>** service team collaborate with your network and security personnel to provide comprehensive end-to-end risk and threat detection, tracking and mitigation.

Our confidence in this service is backed by a \$1M per incident cyber insurance policy.

## AirGuard<sup>SM</sup> Wireless SOCaaS provides comprehensive visibility into the new IoT, IoMT and OT (operational technology) exposure threat landscape.



### AirGuard<sup>SM</sup> Features

- Identification and classification of all wireless devices with risk analysis
- WiFi AP Performance testing to confirm SLAs API
- WLAN integration for single consolidation of all things wireless – cellular and WIFI
- Operational integrations with your platforms and third party services for effective command and control
- Open and robust API for expanding features and observability

### AirGuard<sup>SM</sup> Values

- Identification and classification of all wireless devices with risk analysis
- WiFi AP Performance testing to confirm SLAs API
- WLAN integration for single consolidation of all things wireless – cellular and WIFI
- Operational integrations with your platforms and third party services for effective command and control
- Open and robust API for expanding features and observability



DETECTION AND RESPONSE



RISK ISOLATION AND MITIGATION



24X7 MONITORING

## About LOCH Technologies:

LOCH is a global leader of next-generation wireless threat monitoring. The company provides actionable intelligence on all 5G cellular and wireless IoT devices to help organizations improve their security posture, reduce risk, and manage wireless data usage across the enterprise.

Every wireless device needs to be visible and secure, regardless of what type of device it is, what protocol it uses, and who owns it.

This guides everything we do and why LOCH aims to secure and enable the new world of wireless innovation that will drive the next generation of digital transformation. For additional information, please visit us at [www.loch.io](http://www.loch.io)