Cellular Cyber Security for Government and Defense Organizations
Guard super-sensitive cellular communications against any cyber attack

Challenge

Cellular devices and other devices used for defense have become indispensable for carrying out sensitive missions and other activities to safeguard both military forces and civilian populations. But they are also quite vulnerable. Terrorists, foreign governments and hackers exploit network vulnerabilities, using IMSI catchers and SS7/Diameter loopholes, injecting malicious SMS to infiltrate security-sensitive organizations, capturing confidential communications by tracking senior officials' locations or eavesdropping.

Defense organizations do their best, continually pushing updates to defense devices, such as smartphones, surveillance cameras and secured vehicles. But some of this equipment cannot be updated, due to hardware, firmware and software constraints. And users don't always install these patches.

The missing link? A way to prevent serious security breaches, without involving the user.

Safeguard sensitive communications

on all cellular devices, seamlessly with

Our proven, network-based Cybersecurity-as-a-Service

Detect, alert, protect any cellular device

Our Cybersecurity-as-a-Service lets you control all of defense's sensitive cellular communications, without user intervention, providing SOC management, integration and deception tools to ensure that security is "on" at all times — even while roaming.

We cover the full spectrum of targeted and random cellular cyberattacks, including:

√ Fake cell towers (including IMSI catchers)

√ Cellular man-in-the-middle attacks

√ SS7 & Diameter loopholes

√ Malicious & binary SMS

√ Malware, data leakage and backdoors, bad links

Benefits for Defense

Military-grade network protection
Completely bypass network vulnerabilities; apply tools for deceiving hostile entities, hide force's location, maintain protection while roaming

Simple management
Gain cellular communication control; easy setup: no complicated integration

Per-device security policies
Customize protection by defining and modifying policies per device

Seamless user experience
Eliminate user involvement; works on any device, no downtime, no impact on battery or CPU

What's in it for your defense users?

No-hassle security. Give them the security they need, 24/7
Peace of mind. No more worries about known or unknown threats; protection updated regularly

How it works

We create and operate a secured virtual home network. Communication is routed through the controlled environment, in partnership with the cellular carrier. In this environment, patented (pending) novel security measures are applied to secure registered user's communication. Organizations monitor the system via a dedicated dashboard or via SIEM integration.

Protected devices continue to enjoy a seamless experience, with real-time protection and full organizational control of their cellular cybersecurity, according to their needs with per-device control of security policies and notifications.

Our system is applicable for private cellular networks as well.

Secured Virtual Home Network
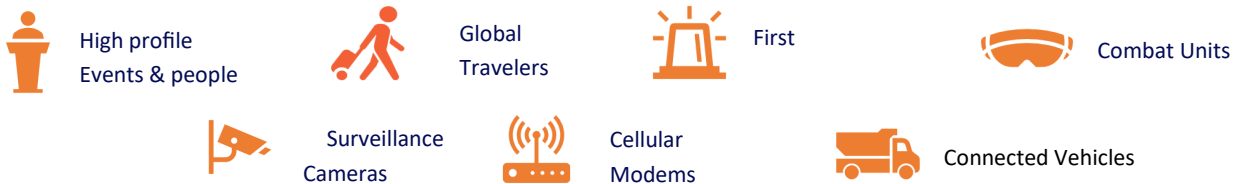
Simple, one-time, organizational deployment

Our Cybersecurity-as-a-Service is easy to deploy, manage and use, and delivers a seamless experience to your subscribers: no SW/HW install, no slowdowns; always up to date against the latest network-level threats. Implementation requires only a one-time registry and activation process.

Defense organizations can opt for on-premise system setup, to ensure that sensitive communications remain safe .

1 Define the list of devices to protect

2 SIM applet provided via OTA system or with new SIMs

3 Use devices as usual, receiving event alerts and health summaries

Protect cellular devices in all sensitive scenarios

People use smartphones 24/7 for work and leisure. Smart devices are used in day-to-day and special operations. That means more cyber threats, and risks for your organization:

High profile Events & people

Global Travelers

First

Combat Units

Surveillance Cameras

Cellular Modems

Connected Vehicles

We know how difficult it is to secure cellular networks from attacks that threaten defense's sensitive communications.

We also know how difficult it is to convince users to update security.

Talk to us about your needs, today.

About Us

Our company protects any cellular device against hidden vulnerabilities in the network. Our agent-less, cellular network-based approach to cybersecurity identifies known and unknown attacks 24/7, instantly activating protective measures. Our solutions are completely transparent to the user/device, with no device installations, updates or slowdowns, protecting any device; e.g., mobile phones, M2M, security sensitive IoT and connected systems). Our team experts comprise cybersecurity and telecom veterans with decades of experience in interception, communications intelligence and cyber technologies.