FirstPoint

Protect cellular devices from cyber attacks with network level security

Leverage FirstPoint's innovative cellular cyber security solution to fortify your organization's network and devices

Mobile Cyber Security Challenges

Cellular communications are vulnerable to cyber attacks Defense and government organizations have become reliant on cellular communications. However, unlike the more traditional forms of communication used by military and government agencies, cellular communications are based on a consumer infrastructure.

This makes this type of communication particularly vulnerable to cyber-attacks. The cyber security solutions presently available fall short of providing blanket protection while maintaining the speed and accessibility that make cellular communications attractive. This leaves military and law enforcement vulnerable to cellular cyber-attacks that can impact their organizational network.

Comprehensive cellular network-based protection

FirstPoint Mobile Guard's patented solution provides comprehensive and "always-on" network-based protection from cyber-attacks.

Detects and prevents cyber-attacks at the network level

Blocks cyber threats with individually controlled security policies

Protects and conceals device network identity

Provides a dedicated SOC

Activates real-time alerts of cyber-attacks

How does it work?

Deploys a secured virtual mobile core network

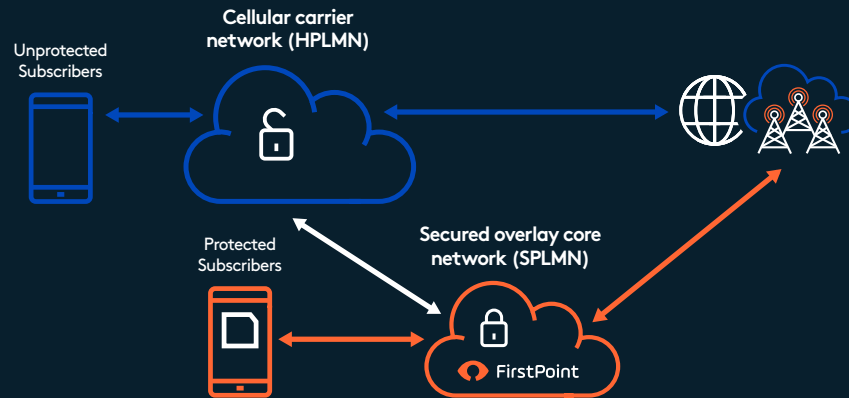Applies innovative security procedures through the secured network and applet

Provides a dedicated security SIM applet

Routes signaling messages and mobile data through the secured environment

SIEM — Manages Protected devices, security policies, and activities through a dedicated dashboard or the organization's SIEM

Unprotected Subscribers

Cellular carrier network (HPLMN)

Protected Subscribers

Secured overlay core network (SPLMN)

FirstPoint

FirstPoint Prevents:

- **Fake cell towers** (IMSI catchers) device acquisition
- **Network Man-in-the-Middle** communication surveillance
- **Malicious Phishing** links messages
- **Malware apps' communication** with suspicious and blacklisted sites
- **Cellular denial** of service (DoS) attacks

- **Personal data** leaks
- **Location** tracking
- **Ransomware** attacks
- **Hijacking messages** (e.g. 2FA one time password)
- **Sender** impersonation
- **Remote activation** of microphone and camera

360°
Mobile Cyber Security

Protected devices enjoy a seamless user experience, with real-time protection and full organizational control of the device protection level.

The FirstPoint Advantage

Network based solution:
- Supports all cellular devices
- No battery drain
- No CPU load
- No need to update

Real-time alerts

Full anonymity

Flexible platform deployment

Organization-level policy management

2G-5G compatibility