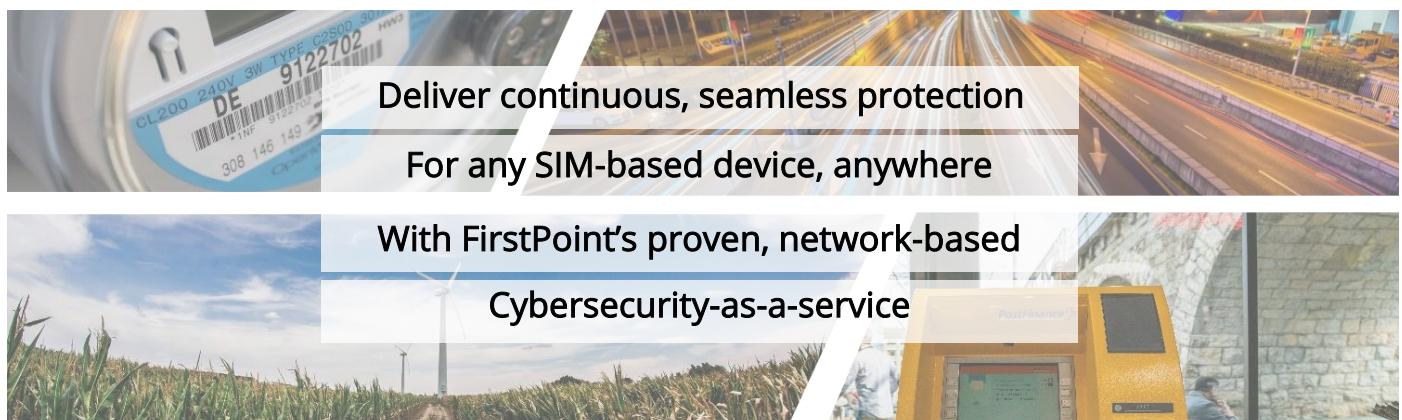


Challenge

Cellular Internet of Things (IoT) devices bring welcome innovation and nearly unlimited applications, from critical infrastructure, to retail, transportation and banking. The launch of 5G will enable even more such devices.

But widespread adoption of IoT devices is slow, because there's still a lot of concern and lack of trust about device security. Vulnerable cellular networks have become a hacker's playground, where they freely infiltrate smart cities, using fake cell towers (aka IMSI catchers) to launch denial-of-service attacks. They hack into utilities, steal data at point-of-sale stations, and track connected cars or fleets' locations.

New threats emerge continually — and no solution has been able to detect and protect devices against such cellular attacks. Until now.



Detect, alerts, protect and manage any IoT device, anywhere

Boost cellular IoT device adoption for enterprises and users with FirstPoint's proven cybersecurity-as-a-service. The platform delivers total, built-in, network-based security against IMSI catchers, cellular Man-in-the-Middle and emerging threats. Easy to deploy and manage, FirstPoint is always updated and totally seamless to devices; no special hardware/software needed.

FirstPoint covers the full spectrum of targeted and random cellular cyberattacks, including:

- ✓ SMS hijacking
- ✓ Location tracking
- ✓ Eavesdropping
- ✓ Local Denial-of-Service
- ✓ Remote Denial-of-Service
- ✓ Data leakage
- ✓ Data duplication

What's in it for enterprises and users

- Supports any IoT devices any version, model
- Always up-to-date
- No performance hits

Benefits for MNOs

- Competitive advantage**
Ultra-secure branding offers key differentiator
- Increased revenues**
Premium VAS — new revenue stream, suiting core business; stickiness
- Full MNO control**
Control device communication, even while roaming; 2G-5G support; available on premise or cloud; native 5G network slicing

For any IoT service

Customizable per market; define policies per use case, scenario, group, location

How it works

FirstPoint creates and operates a secured virtual home network. Communication is routed through the controlled environment, by the cellular carrier. Integration into MNO systems is done via a standard connection process, like a very slim MVNO.

In this environment, patented novel security measures are applied to secure registered user's communication.

Enterprises manage and control via a dedicated dashboard or SIEM integration, with real-time protection according to their needs.

Subscribers continue to enjoy a seamless experience, with 24/7 protection.



Simple, one-time, enterprise deployment

- 1 Define the list of devices to protect (MSISDN/ IMSI)
- 2 SIM applet provided via Over-the-Air system or with new SIMs
- 3 Users operate devices as usual, manage at SOC

IoT use cases: endless, but threats are exponential

IoT devices are used for an extensive number of applications. But that means more cellular cyber threats, and more opportunities to offer FirstPoint Cybersecurity-as-a-Service for:



FirstPoint knows how difficult it is to secure IoT devices from cellular network cyberattacks.

We can help you protect any IoT device, anywhere

Talk to us about your needs, today: secure@firstpoint-mg.com

About FirstPoint

Israel-based FirstPoint 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. FirstPoint 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.