TELCO SOLUTION BRIEF

Drive New Revenue with Cellular IoT Security

Monitor and secure all SIM-based customer devices with a Ready-to-Go SaaS service.

The commoditization of IoT connectivity in the global telecom industry is leading to a significant decline in revenues. Shield-IoT empowers connectivity providers to offset this trend by delivering IoT security as a bundle or value-added service.

Solution Benefits

Shield-IoT protects cellular IoT networks and transforms escalating enterprise IoT security threats into revenue-generating opportunities for MNO and MVNO connectivity providers.

New Revenue Generation

Monetize your cellular and 5G IoT network with a unique security offering. Gain a competitive advantage and win new business. Easily drive enterprise sales with zero touch same-day customer PoCs.

Security and Privacy Compliance

Protect sensitive customer data, personal information and critical services. Comply with GDPR and security regulations with continuous IoT network monitoring combined with automated compliance reporting.
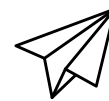
Ready-To-Go Service Offering

One-time simple integration, with no need for any device installations or network changes, enabling quick service roll-out, across any SIM-connected device or application, at unlimited scale.

Typical Use Cases
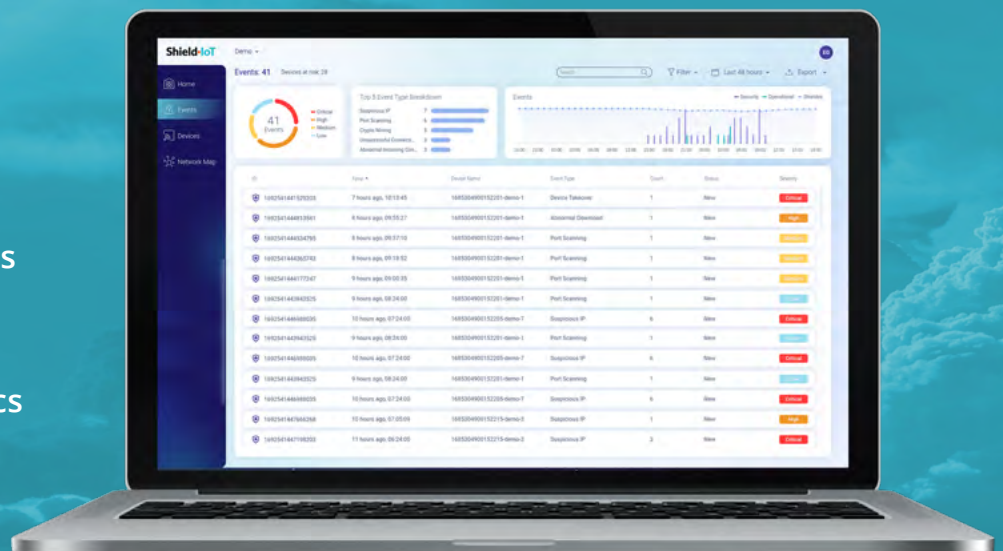
- Public Utilities
- EV Charging Stations
- Payment Devices
- Transport & Logistics
- Smart Cities

Feature Highlights

Shield-IoT provides an agent-less SaaS platform that enhances IoT visibility and security, for mass-scale, multi-application cellular IoT/IIoT networks.

Asset Intelligence
Get full visibility into your IoT network, including asset risk, network behavior, attributes, and usage trends

AI Threat Prevention
Protect your devices with Industry-first Coreset-AI network anomaly detection, combined with threat intelligence and rule based detection engines

Telco-Grade Platform
Privacy-compliant, multi-tenant platform suitable for any SIM-connected device and seamlessly scalable to millions of devices

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"Security will be a critical success factor in the deployment of nearly six billion cellular IoT devices estimated to be in use by the end of 2026".

ERICSSON Ericsson Mobility Report

How it Works

The Shield-IoT platform analyzes device-to-cloud network traffic statistics to detect the first signs of unknown cyber attacks and operational events. The data is mirrored (out-of-band) from the Telco mobile core and detected threats are displayed on a multi-tenant dashboard, accessible via APIs to third-party systems. Threats are automatically mitigated by combining real-time actionable alerts with closed-loop prevention via existing Telco controls.
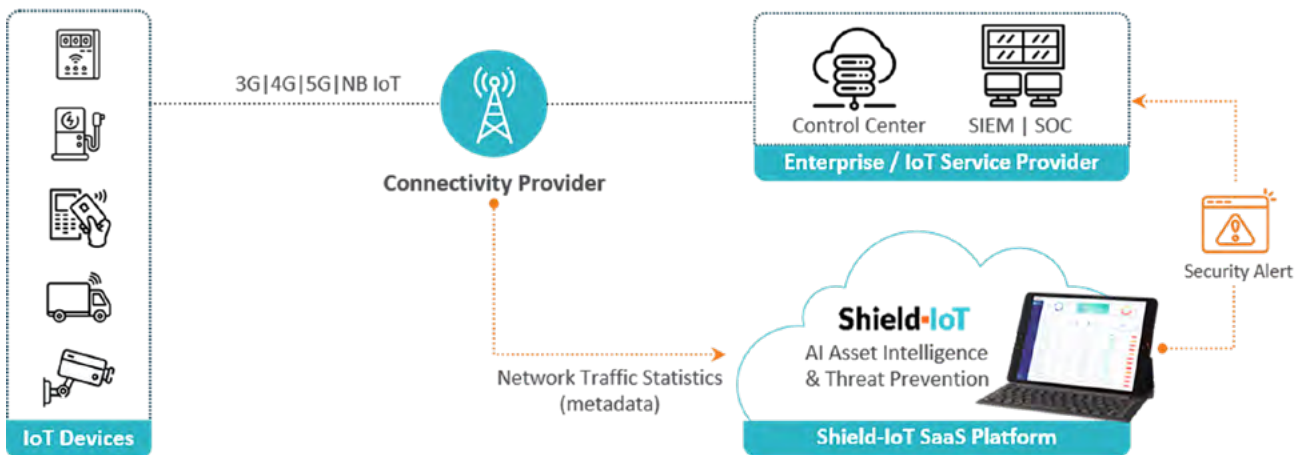
Shield-IoT

Shield-IoT is an IoT cybersecurity software solution provider, enabling enterprises and IoT service providers to monitor and secure cellular IoT networks, generate new revenue and reduce operational costs. Based on more than 15 years of Coreset-AI academic research (MIT), Shield-IoT's patented agent-less Asset Intelligence and Threat Prevention SaaS platform provides IoT visibility and security across any SIM-connected device and application, at unlimited scale.

Contact Us

For more information about Shield-IoT solutions and services, visit our website at:

www.shieldiot.io

To schedule a call with a Shield-IoT expert, send an email to: sales@shieldiot.io

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