SecurityGen

Telecom Security Transcending Generations.

Securing the Future of Telecom

Driving the next phase of telecom security innovations through research & advanced solutions.

In the hyperconnected 5G era, the telecom network ecosystem now integrates with the industries it serves, blending traditional telecom with IT infrastructures. This convergence brings new and complex security challenges for network owners. With the expansion of the threat landscape and increasing intrusion points, legacy approaches relying on disparate security elements are no longer sufficient. Instead, comprehensive, end-to-end security strategies backed by solid threat intelligence are essential.

Securing the 5G Landscape with a Threat-Informed Defense Approach

Building a robust security foundation to ensure resilient networks and secure connectivity is crucial in the modern 5G setup. The next-generation preventive security framework combines continuous monitoring and security automation with a context-aware approach supported by threat intelligence—what we call the Threat-Informed Defense for Telcos.

SecurityGen's Threat-Informed Defense approach harnesses extensive threat intelligence across 5G and LTE to protect telecom infrastructure. By leveraging data from internal research, incident analysis, and vulnerability assessments, we identify, prioritize, and strengthen defenses against the most pressing threats.

Real-time Monitoring:
Oversee telecom network infrastructure continuously.

Threat Neutralization:
Identify and counter threats before they affect the network.

Protection Efficacy Evaluation:
Assess system defenses through breach and attack simulation exercises.

Future-Ready Security Solutions: Ensuring Resilient Telecom Transformations

Our comprehensive product and service stack, built on the IDP (Inspection, Detection, Protection) principle, fosters a continuous cycle of proactive security assessments and integrated defense mechanisms. This approach shields against both existing and emerging threats in the expanded 5G ecosystem.

PRODUCT PORTFOLIO

ACE: Our pioneering AI-enabled Signalling Breach and Attack Simulation platform conducts ongoing security assessments, identifying vulnerabilities across the network.

IDS: Provides complete, real-time visibility of the telecom network, enhancing oversight and control.

NGFW: The next-generation firewall combines extensive visibility, intelligence, and high-powered analytics to protect the network and the 5G ecosystem.

5G Cybersecurity Lab: A dedicated environment for testing, analyzing, and fortifying telecom networks against 5G threats, enabling in-depth study and development of robust protection techniques.

SERVICE PORTFOLIO

5G Security Program: Offers comprehensive guidelines to maintain the reliability and resilience of 5G SA/NSA networks and services.

Cybersecurity Expertise: Our Artificial Cybersecurity Expert (ACE) SaaS model reinforces measures to control signaling threats, ensuring heightened security.

Telecom Security Program: Provides a thorough assessment of signaling networks, SIP deployments, RAN, SIM cards, and VoLTE.

Fraud Risk Analysis Program: Detects and reports incidents such as SMS fraud, vulnerabilities in SMPP connections, and Caller ID spoofing.

Telecom Incident Investigation: Includes detailed incident analysis, issue resolution, and comprehensive remedial steps.

The SecurityGen Edge: Your Ally in Transformation

We are dedicated to telecom security. Our robust security platform addresses new vulnerabilities and interoperability challenges anticipated in 5G-based setups.

- **Signature Approach:** Our R&D team's findings and vulnerability analyses underpin our context-aware products and solutions.

- **End-to-End Security Suite:** The IDP platform enhances MNO security posture with a proactive foundation.

- **Extensive Service Portfolio:** Covers every telecom aspect, from RAN to core and interconnections, ensuring comprehensive network assessment and protection.

- **Commitment to Secure Transformations:** Leveraging deep expertise, a broad product portfolio, and global advisory experience, we drive secure and resilient mobile transformations.

- **Experienced Team:** Our team of visionary leaders, security experts, and researchers are pioneers in telecom security, from identifying vulnerabilities to developing and deploying world-class solutions.

Why SecurityGen?

300+
Security assessments

40+
Leading Global MNO Customers

10
Countries

45
Telecom & Security Experts

Founded in 2022, SecurityGen is an award-wining global leader in telecom security. We deliver a solid security foundation that drives secure telecom digital transformations and ensures safe and robust network operations. Our comprehensive product and service portfolio offers complete protection against both existing and advanced telecom security threats.

Our leadership team, led by visionaries Amit Nath and Dmitry Kurbatov, is supported by a dedicated group of security experts and research analysts renowned for their innovation and execution.

Headquartered in United Kingdom, SecurityGen has a strong presence across Europe, Asia, LATAM, and the Middle East & Africa. Our mission is to safeguard the telecom industry from evolving threats, ensuring secure and resilient network operations worldwide.

ROCCO
'Top 10 Vendors to Watch' 2023

ROCCO
ACE ranked #2 in 'Vendor Innovators' 2022

TELECOMSWORLD
ACE platform won 'Innovation Award' 2022

Kaleido Intelligence
Named 'Champion' in signalling firewall security category 2023

GLOBAL AWARDS
SecurityGen ACE won 'Best New Market Entrant' 2022

ROCCO
Rated 'Tier-1 Vendor' for signalling firewall 2022 & 2023

Kaleido Intelligence
'High Flyer' in fraud management solution 2022 & 2023

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✉ Email: contact@secgen.com   🌐 Website: www.secgen.com

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