

PTA is easily deployed either with a dedicated appliance or with a lightweight Virtual Machine using VMware technology and a web-based control and reporting interface.

PTA integrates seamlessly with your Signaling Infrastructure, as a non-blocking Network Element that does not disrupt ongoing operations. It ensures extra security by recording all actions and ensuring process continuity while the audit occurs.

PTA is ready for deployment in both legacy SS7/SIGTRAN, as well as GPRS/GRX and 4G/LTE environments.

Available Modules	Supported Protocols
<ul style="list-style-type: none">• SS7/SIGTRAN CS Core Network• GPRS/GTP-C PS Core Network• LTE/Diameter EPC Network <p>(List subject to changes following ongoing development)</p>	<ul style="list-style-type: none">• SCTP, M3UA, SCCP, TCAP, MAP• GTP-C v0, v1, v2• SCTP, Diameter Base & 3GPP Extensions <p>(List subject to changes following ongoing development)</p>

ABOUT P1 SECURITY

P1 Security has a recognised leadership in Telecom and Mobile Security, based on innovative products & cutting-edge expertise.

Trainings: TS-201 “Telecom Security hands-on course” (SS7/SIGTRAN & GTP-C), TS-250 “IMS Security & attacking telecom infrastructure”, TS-270 “LTE Security and Insecurity” (Diameter & S1).

VKB (Vulnerability Knowledge Base): unique up-to-date database on Telecom vulnerabilities & threat information.

Software solutions: **PTA** telecom vulnerability scanner, to scan Access & Core Networks for SS7/SIGTRAN, GPRS/GTP-C & LTE/Diameter protocols; **PTM** telecom IDS and monitoring system; **PTF** telecom protocols fuzzer, to test the robustness of Network Elements.

Vulnerability Assessments: CS Core (SS7/SIGTRAN), PS Core (GPRS/GTP-C), EPC (LTE/Diameter), eUTRAN, IMS Core, IMS Independent Access, VoLTE & VoWifi.

P1 Labs: R&D branch of P1 Security, leading the SS7map & SigFW initiatives.

P1 Security is a Vendor independent, neutral Company with established references in Europe, Americas, Africa, Middle East, Pacific and Asia.

P1 Security is an Associate member of the GSMA, since 2015.



Associate
Member