

Company Profile

Carrier-Grade. Future-Ready.

Carrier-Grade Core 2G/3G/4G/5G, Roaming, Messaging, Value-Added Services, Data Charging and Management, and Private LTE/5G Networks.

17

Years of telecom
engineering

400+

Clients
worldwide

45

Countries with
live projects

50+

Systems &
solutions

■ ABOUT US

Carrier-grade telecom solutions since 2009

Founded in 2009 and headquartered in Amman, Jordan, Professional Telecommunication Incorporation (PROTEI) designs and delivers carrier-grade software for mobile and fixed network operators worldwide. Our portfolio spans the full service lifecycle — core network, roaming, messaging, value-added services, data management and customer care — backed by live deployments across the Middle East, Europe, Africa, Latin America, Central Asia and the CIS, and supported by regional offices in the UAE and Central Asia.

With development centres in Jordan, Europe and the CIS, and a multinational team of engineers and telecom specialists, most of them dedicated to R&D, PROTEI serves more than 400 clients with scalable, standards-compliant platforms that elevate subscriber experience, grow revenue and lower network operating costs.

2009

Founded in Amman

400+

Clients worldwide

3

Development centres

70%

Of our team in R&D

■ Engineered for Operators

Every PROTEI platform is designed and built in-house under certified quality management (ISO 9001:2015 and ISO 14001:2015), then rigorously tested for stability, reliability and interoperability across our entire product range.

From pre-sales network design to post-launch support, our engineers work alongside your teams. PROTEI systems integrate seamlessly with one another and with third-party equipment, and every solution is tailored to your business model and scales as you grow.

■ Why Partner with PROTEI?

■ **17 years** of telecom engineering expertise

■ Projects delivered in **45 countries**

■ **50+ systems and solutions** covering every key core network element

■ Multiple **full MVNOs and dozens of DPI deployments** in commercial operation

■ Proven interoperability with **core equipment from leading telecom vendors**

■ **PROTEI AI Engine** bringing intelligence to VAS, roaming, core and care

Live deployments in 45 countries

Middle East · Europe · Africa · Latin America · Central Asia · CIS

Products' Categories



■ CS & PS Core

PROTEI's core network portfolio — HLR/HSS, GMSC, STP/DRA, EIR and SS7 Firewall — delivers carrier-grade performance at a competitive cost for mobile operators, MVNOs, and service and content providers. A scalable architecture with flexible, throughput-based licensing lets operators deploy the capacity they need today and expand seamlessly as traffic grows. Every deployment can be tailored precisely to the operator's requirements.

■ Evolved Packet Core (EPC)

PROTEI EPC gives operators a complete LTE packet core for delivering intelligent, secure and media-rich services. Its all-IP, flat architecture provides high throughput and low latency, reduces operating costs and interworks with legacy 2G/3G networks. The set includes MME, SGW, PDN-GW/GGSN and, optionally, HLR/HSS and PCRF — deployable individually, in any combination, or as a turn-key bundle.

■ Solutions for MVNO & MVNE

PROTEI provides everything needed to launch a full MVNO: core elements such as HLR/HSS, STP, GMSC, GGSN, media gateways and PCEF (DPI), together with proven VAS platforms including SCP and SMSC. Key products such as HLR/HSS and OCS are optimised for MVNE models, allowing multiple MVNOs to share a single platform.

For IoT MVNOs, PROTEI offers dedicated solutions and IoT-friendly licensing for critical elements such as HLR/HSS and DPI.

■ Private LTE/5G

PROTEI delivers turn-key Private LTE/5G cores for enterprise, industrial and public-sector networks. The solution works with eNodeB and gNodeB equipment from multiple vendors and scales from hundreds to tens of thousands of devices and subscribers. Each bundle is configured around the exact services the customer needs.

■ DPI & Data Traffic Management

PROTEI DPI and data traffic solutions give operators and MVNOs full control of their data networks — from flexible, service-based charging to bandwidth management and real-time traffic prioritisation, essential wherever capacity is constrained.

Built around GGSN/PDN and DPI nodes, the platform turns business requirements into simple, subscriber-friendly policies and protects customers from bill shock and QoS degradation. DPI, GGSN/PDN, PCRF, Bill Shock Prevention, DRA and a full OCS are all standards-compliant for fast, low-risk integration.

■ Roaming Solutions

PROTEI roaming platforms help operators capture and retain roaming revenue in a highly competitive market. The portfolio includes Steering of Roaming, Multi-IMS roaming, GLR, the Roaming Optimization Suite and Border Roaming Gateway, with dedicated options for MVNOs.

All solutions support a wide range of protocols, generate CDRs and provide web-based administration and analytics for complete visibility of roaming traffic.

■ Intelligent Network & VAS

Value-added services are a key driver of revenue growth, and PROTEI IN & VAS platforms make it easy to launch the services subscribers value most.

Service Creation Studio, GeoInsight, LBS, CAMEL Gateway/SCP, Mobile Advertising, RBT, Call Completion Suite, Missed Call Alert/Notify Me, Call Back and Call Collect can all be introduced quickly, with no disruption to existing services.

With the low-code PROTEI Service Creation Studio, both PROTEI engineers and the operator's own teams build new service logic, so innovation is limited only by imagination. Horizontally scalable and carrier-grade, the platforms serve subscribers in the home network and while roaming.

■ Messaging

Messaging remains a vital channel for subscribers, content providers and businesses alike — creating new revenue, strengthening loyalty and reducing operating costs.

Proven over many years in live networks, PROTEI's messaging portfolio — Cell Broadcast Center, SMS Firewall, SMS Center, Bulk SMS/MMS, SMPP Proxy/Router and USSD Server — combines classic and innovative SMS capabilities. Broad signalling protocol support enables deployment across 3G, 4G and LTE networks.

■ Customer Care

As networks converge, operators need customer care that keeps pace. PROTEI's carrier-class IP Contact Center, IVR and Voucher Management serve everyone

from enterprises to government organisations, and provide a reliable foundation for service transformation.

■ NGN/IMS

PROTEI NGN/IMS equipment is industry-grade and enables operators to launch the full range of NGN services. Our carrier-class line covers both switching and VAS — Class 4/5 softswitches, VoIP gateways, access equipment, IP-PBX and service platforms — and is deployed in the networks of leading operators across the CIS.

PROTEI IMS products form the mobile services core, deploy on a wide choice of hardware and cover the full range of voice services while significantly reducing operating costs.

■ PROTEI AI Engine

Launched in 2026, the PROTEI AI Engine brings smarter automation, real-time intelligence and continuous optimisation to our VAS, Roaming, Core Network and Customer Care platforms — helping operators move from reactive operations to intelligent, adaptive networks.

■ Integrated Safety and Security Solution

PROTEI's Safe City portfolio unites field-proven products that meet the needs of every stakeholder in one integrated solution, and its IP-based architecture makes the platform easy to extend.

It includes a 911 Emergency Services Response System, a "Safe City" integrated information system with an information-exchange bus for emergency response units, and public warning solutions using Cell Broadcast and other alert technologies. With 10 years in this market, PROTEI has developed, deployed and maintained Safe City platforms in more than 40 cities and provinces across several countries.

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