

# IMS Network Engineer

**Location:** Madrid, Spain

**Start Date:** Immediate

## About this job:

As part of the Core Network Department and reporting to the Network Department Manager, your responsibility will be responsible for the design, deployment, configuration and maintenance of GSM/UMTS core network elements, such as GGSN, PGW, PCRF, DPI, DNS, RADIUS Servers, etc. You will be responsible to handle incidents affecting the service we provide to our customers. Then, you will be responsible to drive the related problems resolution, down to problem correction. You will be expected to be autonomous and self-driven in order to proactively fulfil your responsibilities. You will work collaboratively with other teams across the globe, the normal communication language being English.

## What you'll do:

- Accountable and responsible for the IP Multimedia Core Network Subsystem (IMS) design and delivery.
- Design and implementation of the IMS Core Network elements: CSCF, MTAS, SBG, DNS/ENUM, BGF and MRF, together with PGW and PCRF.
- Accountable and responsible to follow the communications procedures in place when handling an incident. Communication is both internal within our company and external to our third-party providers.
- Support management of the relevant mobile and IMS Core Network element vendors.
- Responsible to drive problems to resolution, collaboratively working with the different divisions of the company.
- Responsible for configuration and maintenance IMS core network elements.
- Engineering support for commissioning, integration, system acceptance testing and lab testing for the IMS Core Network elements.
- Perform IMS network monitoring and network capacity planning.
- Ensure high availability through redundancy and failover mechanisms implementation.
- Research and recommend new network technologies and upgrades to existing technologies to support business needs.
- Documentation, training, and support of IMS network
- Leadership in the design and planning of global expansion of the Carrier Platform

## About you:

The ideal candidate will have at least 5 years' experience, especially in GSM/UMTS/IMS network operations.

- Holding BSc degree in Telecommunication or Computer Science is a must requirement.
- 5-10 years industry experience with Packet Core/IP Network, architecture, and protocols (3GPP GPRS/UMTS/ LTE).
- Strong knowledge and hands-on experience with testing/integration of LTE Core (MME/SGW/PGW), IMS Core and the associated network architecture/interfaces (CSCF, MTAS, SBG, DNS/ENUM, BGF, MRF, HSS, PGW, PCEF/PCRF, Accounting server,...).
- Experience with IMS Core protocol and call flows of various interfaces such as Mw, Mx, Mj, Mg, ISC/Ma, Mp, Iq, Ix, Mb, Cx, Sh, Ut, Rx, Ro, DNS, CAMEL, S1-U, S6a, S2a, S6b, S11, Gx, and Gy.
- Experience on Ericsson IMS solution, IPWorks (DNS/ENUM) and EDA.
- Experience on Ericsson NFVI to build the Cloud VoLTE solution.
- Circuit switched communications protocols such as SS7 (including SCCP, TCAP, MAP), SCTP (SIGTRAN), Diameter, GTPv1, GTPv2).
- Expert knowledge of IP infrastructure (Cisco certification preferred).
- IMS voice convergence technologies, including VoLTE and VoWiFi.
- Good understanding of Policy Control (PCEF, PCRF).
- Hands on with sniffers, Wireshark and testing tools advanced mode.
- Hands on with Linux/Unix based systems.
- Understanding of 3GPP, ITU-T and ANSI standards.
- Understanding of roaming agreements and IR.21, including IREG testing.
- Online Charging System (OCS) and CAMEL in billing and call control.
- Strong writing and documentation skills are needed to develop reports.
- Adaptability and responding to change.
- Be able to work under pressure.
- You are fluent in English (written and spoken).
- Ready to work on morning/afternoon shifts.
- Experience with mobile networks, international signaling, and international interconnects a strong plus.

**We will only be accepting applications from applicants currently resident within the European Union, with an unrestricted right to work in Spain.**

## Do you want this job, and do you have the required skills and experience?

Then we invite you to send your resume/cv and cover letter, both in English, to [Recruiting@Pareteum.com](mailto:Recruiting@Pareteum.com). Please include the job number and title in the subject line of your email.

## About the company:

Pareteum Corporation is a fast-growing, dynamic company with a recognized brand, offering challenges roles with opportunities for growth. This is a great time to join this Technology leader and help build a worldwide team of professionals in a culture where ideas are valued, initiative is encouraged, people are motivated, and enjoy a modern work environment. Visit our website

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