

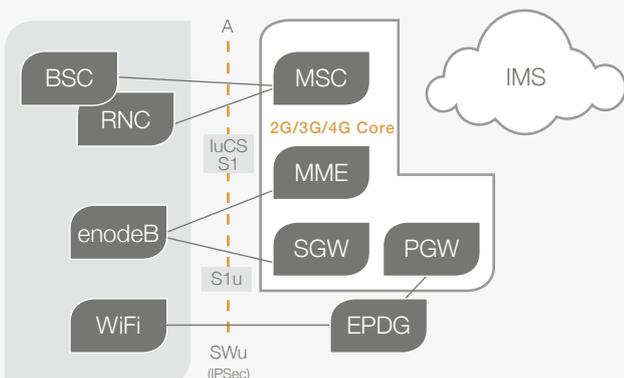
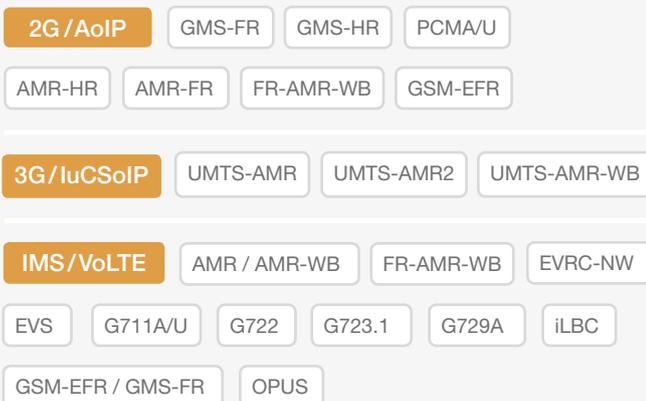
Solver is a high-performance load generation, stress and feature testing solution for legacy and NGN fixed and mobile networks, including LTE, VoLTE and VoWiFi.

Solver offers powerful, multi-protocol functionality and helps ensure smooth deployment and troubleshooting. By simulating traffic from the Radio Access Network (RAN) it helps CSPs and network equipment manufacturers (NEMs) to simplify performance and quality analysis, assert full control over their networks, manage upgrade projects and confirm compatibility between different nodes.

A key advantage of Solver is the combination of LTE and legacy network technologies. It enables single and mass call sessions to be established from any network domain to any other. Solver allows CSPs and NEMs to considerably simplify their test equipment needs and dramatically reduce costs. Solver is a user-friendly tool that provides the versatility required for a multitude of tasks, increasing return on investment.

Proven in multiple deployments, it has won awards for its ease of use and advanced functionality.

CODEC PER INTERFACE



VOICE CODECS

- 📌 **G711A/U (NB)**
 - 10/20/30 ms packetization
 - Support for Comfort Noise RFC3389
- 📌 **PCMA/U (NB)**
- 📌 **GSM-HR (NB)**
- 📌 **GMS-FR (NB)**
- 📌 **GSM-EFR (NB)**
- 📌 **AMR-HR (NB), AMR-FR (NB), FR-AMR-WB**
 - Supports incoming rate control/mode change
 - Can change mode and request rate control on outgoing
- 📌 **UMTS-AMR (NB), UMTS-AMR2 (NB), UMTS-AMR-WB (WB)**
 - All rates
 - Supports incoming rate control/mode change
- 📌 **AMR (NB), AMR-WB (WB)**
 - All rates
 - Both bandwidth-efficient and octet-aligned format
 - 20, 40, 60, 80 ms packetization
 - Redundant packetization
- 📌 **G723.1 (NB)**
 - Support both rates 5.3 and 6.3
 - Annex A ("DTX") support
- 📌 **G729A (NB)**
 - 10/20 packetization
 - Annex B ("DTX") support
- 📌 **iLBC (NB)**
 - Mode 20/30
 - Support for Comfort Noise RFC3389
- 📌 **G722 (WB)**
- 📌 **EVRC-NW (NB/WB)**
 - All modes (0-7) and rates (1/1 - 1/8)
 - Format Header Free, Compact Bundle and Interleaved/Bundled supported
 - 1-5 bundled packets outgoing, 1-n incoming
 - Interleave value 5 for outgoing, any value for incoming
- 📌 **OPUS (NB, WB)**
 - CBR support
- 📌 **EVS (NB, WB, SWB, FB)**
 - Both formats Primary and AMRWBIO supported
 - All rates
 - Support for Compact Header only

VIDEO CODEC

- 📌 **H.264**



Polystar enables Communications Service Providers to achieve excellence in CEM, Big Data Analytics, Service Assurance, Network Monitoring and High Performance Testing. We help CSPs to simplify their CEM strategies and drive operational efficiency through real-time network analytics. Polystar's real-time Network, Service and Customer analytics uncover a goldmine of data, which yields indispensable analytics to CSPs.

Polystar is recognised as one of the fastest-growing companies in Sweden.

Since Polystar's foundation in Stockholm in 1983, we have experienced continuous and sustainable growth, and evolved to a global presence, serving our customers in over 50 countries.

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