

MTS

Multiprotocol Test Suite

IMSLOADER

Multiprotocol applications test tool

Context and Stakes

Telecom Networks become more and more complex to test and integrate with all IP migration on one side and existing legacy solutions on the other.

IMSLoader reduces the costs and the duration of non regression, Inter operability Test, integration & acceptance phases especially in migration to VoIP and deployment of convergence services thanks to its embedded script automation architecture for multiprotocol testing.

This platform supports several architectures:

- NGN based for legacy carriers;
- IMS based for mobile operators;
- TISpan for mixed operators.
- PSTN/ISDN for legacy carriers

All these architectures separate the media and control layers and the inter-layer communication is based on normalized interfaces and protocols.

These architectures have in common the use of normalized protocols for the control of services.

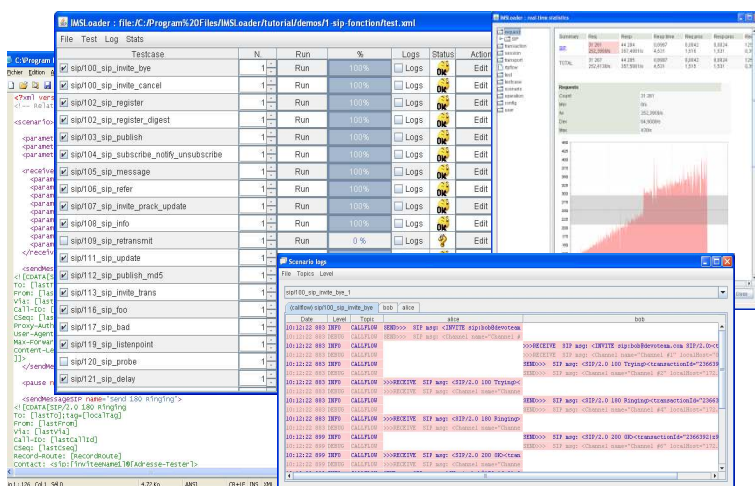
Before deploying a new service on such a network, IMSLoader allows to detect and suppress any robustness problem of the infrastructure.

Most of non quality is introduced with errors during the implementation of the network component.

The earlier these errors are detected, the less important the impact on the service is, guaranteeing a better acceptance of new services by the general public.

Who needs IMSLoader ?

- Telecom manufacturers
- Service providers
- Integrators
- Test Labs
- Network administrator
- Anyone involved in development or use of SIP network



Use cases

IMSLoader is used for:

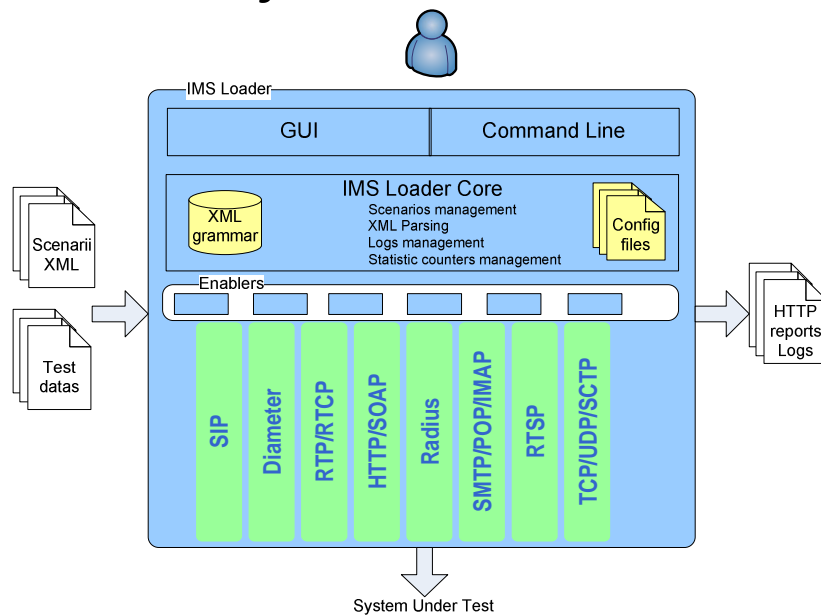
- Different environments:
IMS / SIGTRAN / PSTN/ISDN
- Different testing requirements:
Functional / Load / E2E QOS / Probes

The tool can be used as a Client, Server or as a proxy. The tool can also act as a passive probe for the SIP traffic going through real IMS networks.

Visit our partners & distributors at
www.voxpilot.com

voxpilot

Software architecture



IMSLoader provides:

- A test tool
- An installation procedure
- A user manual
- A complete tutorial and script samples

Minimal required configuration:

- Processor : 2 GHz
- RAM 2 GB
- Hard disk : 1 GByte
- Linux / Windows XP/7
- Ethernet board/telecom board for PSTN/ISDN

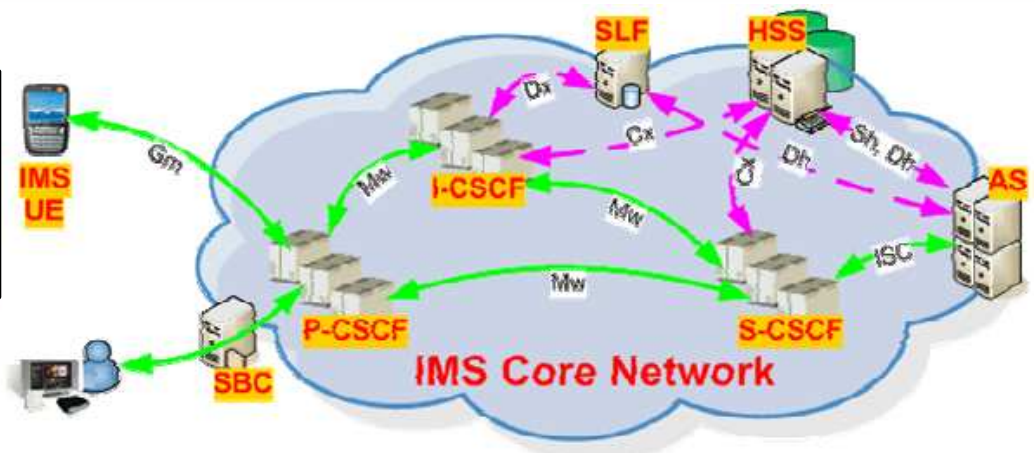
Our competitive advantages

- 10 years of experience in VoIP and SIP protocols
- A unique experience in IMS core testing environment
- Partnership with main constructors and SW vendors leaders in the IMS and SIP services domain

Embedded Protocols

SIP, Diameter,	H248
RTP/RTCP,	MSRP
HTTP/SOAP, RTSP,	NIO (tcp)
TCP/UDP/SCTP,	SNMP
Radius,	PSTN/ISDN
SMTP/POP/IMAP,	MRF simulation
SMTP/UCP	MSRP/SIP transcoder
RTP & QOS (MOS)	MGCF simulation
SIGTRAN	

IMSLoader can connect or simulate with any brick of IMS's core



Visit our partners & distributors at
www.voxpilot.com

voxpilot