Multimedia
Service Platform

Platform description

Multimedia Service Platform is a carrier-grade turnkey solution for delivery of SIP services like Voice and Video over IP, instant messaging (IM) and Presence to residential and SME markets.

The platform, based on IETF standards and integrating the best-of-breed Open Source software components, is reliable, scalable and has an excellent track record for more than five years.

Features

- Voice and video calling with NAT traversal (SIP)
- Presence and Interactive Messaging (SIP SIMPLE)
- Centralized buddy list and presence policy (XCAP)
- Customizable WEB front-ends (SOAP/XML API)
- DNS based addressing, multiple domain enabled
- End-to-end transparent for the SIP end-points
- Parallel forking to multiple SIP devices
- Rich class 4 and class 5 telephony features
- Postpaid and prepaid accounting
- Rating engine with tariffs per account, domain or IP
- PSTN least cost routing and ENUM peering engine

Components

- OpenSIPS - SIP Proxy/Registrar/Presence Agent
- OpenXCAP - Presence policy server
- MediaProxy - NAT traversal for audio and video
- CDRTool - CDR mediation and rating engine
- CallControl - Prepaid engine
- MSRPRelay - NAT traversal for IM/file transfer
- NGNPro - SOAP/XML provisioning engine
- Asterisk - Voicemail and conference server
- PowerDNS - DNS and ENUM server

Multimedia Service Platform can be delivered as a stand-alone platform at your premises or as a managed service operated by AG Projects.

A multi-tenant provisioning engine with dedicated interfaces for resellers and subscribers turns Multimedia Service Platform into an ideal white-label VoIP platform. Multiple operators can be served in a cost effective manner on a common intrastructure.

Triple play operators

The fast service creation capability of Multimedia service platform can secure a rapid and successful entrance into the VoIP arena as a service provider.

You can easily integrate Multimedia Service Platform capabilities like VoIP and IM into your existing triple play portfolio together with television, Internet access via DSL, Cable, Fiber, WiFi and upcomming WiMAX technologies.

Telecom operators

Multimedia service platform provides the upgrade path to roll-out Voice over IP services next to your existing Mobile, Prepaid, Carrier Select or Preselect services. An effective and scalable mechanism to get a SIP subscriber in and an invoice out.

Small to medium enterprises

Multimedia Service Platform's PBX functionality allows employees to work seamless from remote locations, integrate with corporate PBXs while benefiting from advanced routing capabilities for audio/video/IM sessions in multiple locations.

AG Projects
The SIP infrastructure experts