

eaSIP: Smart SIP Server

Accelerate and simplify your SIP deployment

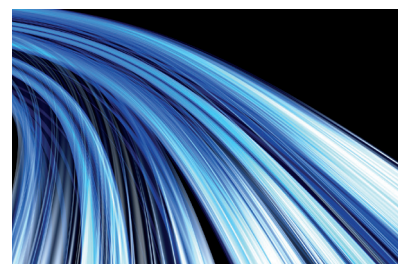
VoIP and SIP-based networks offer a strong opportunity for carriers, enterprises and service providers to cut their operating expenses and benefit from the richness and flexibility of the SIP protocol. However, it often turns out that many interoperability issues, missing support of small features or different levels of SIP compliancy hinder successful deployments.

eaSIP solves many of these challenges faced by carriers or service providers who must integrate multi-vendors equipments to build comprehensive systems.

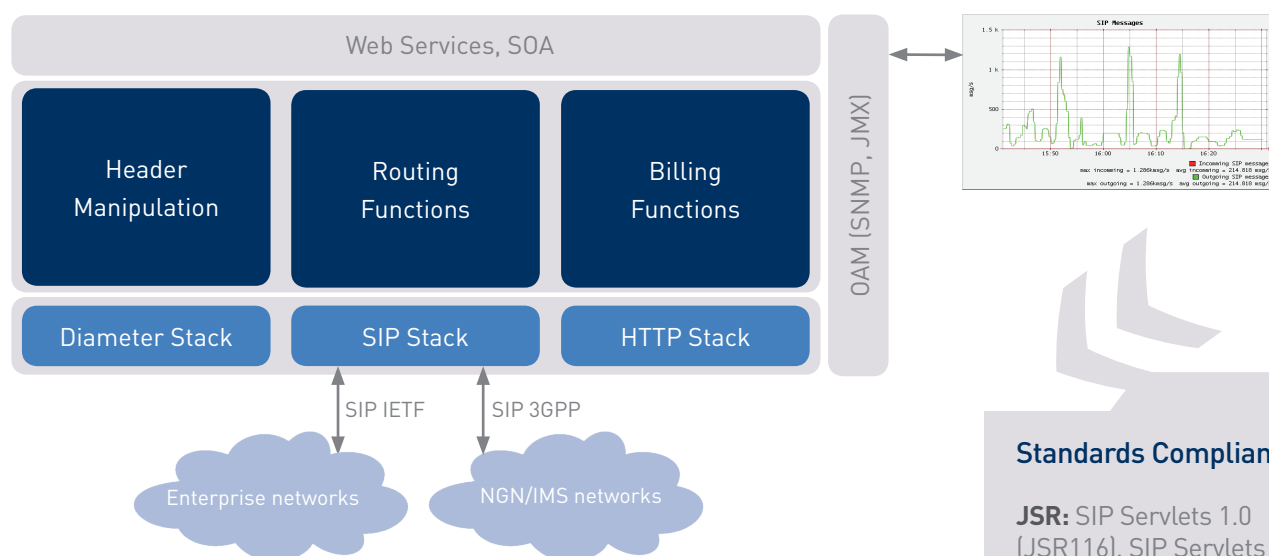
Based on the standard and successful servlet model, eaSIP offers a full and flexible support of SIP, HTTP and Diameter protocols. It allows quick and easy signaling processing and adaptation to ensure successful operations in various deployments scenarios such as between IPBXes and SIP trunks, softswitch and Application Server ... and helps then to streamline SIP deployments, improve time-to-market and prevent vendor lock-in.

eaSIP: Key Features and Benefits

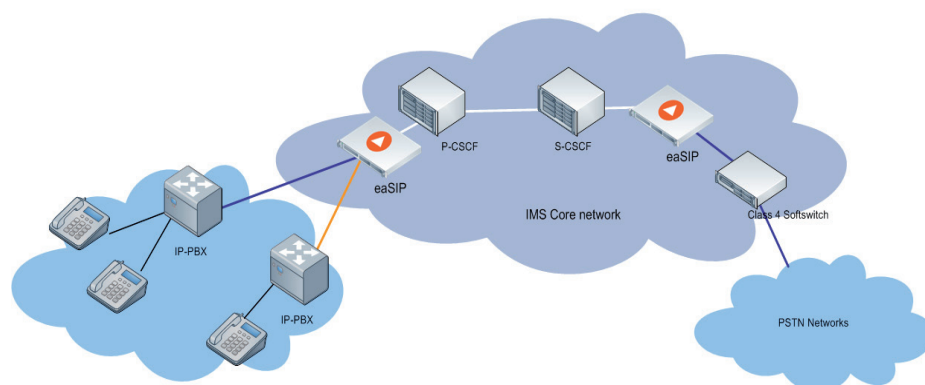
Features	SIP adaptation	<ul style="list-style-type: none"> • Ability to act as SIP Proxy, B2BUA, UAS • Address, URI, phone number translation • Header manipulation • Response codes translation • Support of all IMS extensions
	SIP Routing	<ul style="list-style-type: none"> • Failure detection, Re-routing • Load balancing • Intelligent routing
	Custom applications	<ul style="list-style-type: none"> • Toolkit for customization • Billing (Diameter interface)
Benefits	CAPEX/OPEX savings	<ul style="list-style-type: none"> • 100% software-based and runs on low-cost standard hardware • High performance: no media processing, up to 20.000 SIP messages processed per second
	Smooth deployments	<ul style="list-style-type: none"> • Ensure interoperability • Ability to easily add missing features



Main eaSIP components



Sample eaSIP deployment



About NEXCOM Systems

NEXCOM Systems provides products, professional services and training to help network operators, service providers and call center operators offer innovative and cost-efficient multimedia communication services. Our flagship product, neXpresso, combines SIP and Web technologies, and has been installed in a variety of networks. NEXCOM Systems customers include France Telecom, SFR, Neuf Cegetel, Alcatel-Lucent, Nokia Siemens Networks, and Comverse.

Standards Compliance

JSR: SIP Servlets 1.0 (JSR116), SIP Servlets 1.1 (JSR289), HTTP Servlets 2.5 (JSR154), J2EE Management (JSR77), JSP 2.0 & 2.1 (JSR 152, 245), SDP (JSR 141)

SIP: RFC 3261, 3262, 3263, 3265, 2976, 3311, 3323, 3325, 3326, 3428, 3515, 3581, 3824, 3856, 3903.

SDP: RFC 2327

3GPP: TS 23.228, 24.229, 23.218

Diameter: RFC 3588, 4006, 4740

Supported Operating Systems

Windows 2000, XP, Vista
Linux RedHat, CentOS, Debian
Solaris