

Architecture

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&THIS.PLATFORM;&THIS.APPLICATION;is based on robust and proven &THIS.PLATFORM;JAIN SLEE 1.1 Server and &THIS.PLATFORM;jSS7 Stack.

&THIS.PLATFORM;JAIN SLEE Server is a highly scalable event-driven application server with a robust component model and fault tolerant execution environment. It provides a set of connectors to a variety of networks elements: SS7 MAP, TCAP, INAP, ISUP, SMPP, XMPP, SIP, MGCP, HTTP, XDM, XCAP, Diameter and many others. It is fully compliant with JSR 240 (JSLEE 1.1).

&THIS.PLATFORM;jSS7 is a software based implementation of the SS7 protocol. It provides implementation for Level 2 and above in the SS7 protocol Stack. &THIS.PLATFORM;jSS7 Stack User Guide is bundled within and you can refer to the guide for more details on the Stack.

The diagram below depicts top design overview:

[ GMLC application design overview ] | *images/GMLC-application-design-*



As of now, the Gateway supports the following protocols for proxying: