



CREALOG IM-SSF BROKER

ENABLING TECHNOLOGY FOR NEW IMS AND NGN WHILE PRESERVING EXISTING INVESTMENTS

The CreaLog IM-SSF Broker is an enabling technology for mobile and fixed operators seeking to implement IMS and Next Generation Network (NGN) while preserving and leveraging their existing investments.

The IM-SSF (defined in the IMS reference architecture 3GPP TS 23.218) is an IP Multimedia Service Switching function that mediates service requests between IMS and NGN, and legacy service delivery platforms such as IN SCPs.

This capability is critical when introducing new technology as it allows operator to swiftly roll-out existing services. Example of services that may be provided are Prepaid/Real-time Charging Service, VPN, Number Translation, Access Screening, Ring-back Tone and Home/Office Zone.

CREALOG IM-SSF BROKER AND IM-SSF INV BROKER

CreaLog IM-SSF Broker provides a reliable and performing solution providing intelligent gateway functionality between legacy IN network and SIP-based IMS and NGN networks.

Towards the legacy network a variety of standardized protocols are supported such as INAP, CAMEL, AIN, MAP and vendor specific protocols, hence the CreaLog IM-SSF Broker can easily be integrated with any network topology.

The inverted CreaLog IM-SSF Broker (CreaLog IM-SSF INV Broker) enables operators to introduce IP-based applications (Application Servers) available in IMS and NGN to customers connected to legacy technology.

Introducing the CreaLog IM-SSF INV Broker allows operators to start developing new services in a new service environment to all their customers, and offer true convergence between legacy network and future service architectures.

SOLUTION

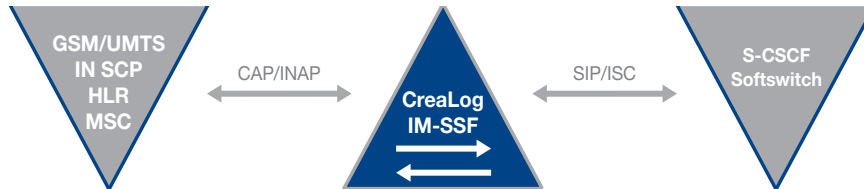
- Enabling technology for smooth migration to IMS and NGN

USE

- Number Translation, Prepaid/Real-time Charging Service, VPN, Access Screening, Ring-back Tone and Home/Office Zone
- IM-SSF for messaging services such as SMS

BENEFITS

- Based on the CreaLog Telco Platform
- Reuse of existing investment
- Variety of interfaces such as standard INAP, CAMEL, MAP, SIP, ISC and vendor specific variants



SMOOTH MIGRATION

The IM-SSF, as specified in by 3GPP, is defined to handle voice calls/sessions. However, the CreaLog IM-SSF Broker has been further enhanced to also ensure that other services such as SMS can be sent between legacy network and IMS and NGN networks.

As an example, a user agent in the IMS/NGN environment may send a text message to a mobile subscriber in a GSM network.

WHY CREALOG?

■ Proven Platform

A open, common, modular platform for all CreaLog installations, whose architecture allows for generic use and combination of any resource.

■ Price/Performance

CreaLog provides ample modularity, scalability and capacity. Start small and grow to larger capacity and service variety as revenues increase.

■ True Convergence

Designed with the customer in focus to realize true voice and data convergence for all subscribers.

■ 100 % Real-Time

Operator staff, customers and business partners share the same updated view of rated traffic since all events in the CreaLog eco system are processed in real time.

■ Multi-Network and Industry Standards Support

Solutions deployed in converged and hybrid environments. Built on de facto industry standards Windows, HP and Oracle.

■ Experience and Expertise

Long track record of successful implementations and know-how in all major networks standards.

■ Committed Business Partner

We care about your success.

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