TELIGENT
T E L E C O M

Increase revenue and
reduce operational costs

Next Generation
Service Delivery Platform

The TELIGENT Telecom Next Generation Service Delivery Platform (SDP) provides a solid and scalable foundation for IN and Next Generation IN applications for mobile, fixed and IP networks. The SDP can be configured as a SCP, IMS Application Server, Intelligent Peripheral (IP) and Media Server in various combinations. Native capabilities include a multi-threaded application execution environment, real-time charging, real-time rating, message flow control and a configurable tool for generation of billing data. Further, complete protection and control over services and traffic execution is offered, allowing the network operator to maintain Service Level Agreements (SLAs) for both the switching network and for northbound interfaces where, for instance, remote content providers for SMS and MMS services share SDP resources. Application solutions can be tailored to an operator's needs through the onboard advanced graphical Service Creation Environment (SCE); the Application Builder. In addition, using a Service Oriented Architecture, the TELIGENT Telecom SDP offers open interfaces to external application environments (SOA) using web services.

TELIGENT Telecom Service Delivery Platform - Overview

- Multi service platform, Broad Network Access INAP(CS1), TCAP, CAP, ISUP ++. Service providers interfaces such as Radius, Diameter, SOAP, NGN (IMS) network support via SIP / ISC
- SOA – Service Oriented Architecture
- Deploy using SS7, Sigtran or SIP technologies in any combination

- Armed with SIM middleware – inherits the IN services also to NGN/SIP users
- Built in logic for complex Service Handover scenarios
- High performance, scalable Telco grade solution (1000 CAPS during Busy Hours)

TELIGENT Telecom Service Delivery Platform

Service Migration
The SDP extends the opportunity for the customer to perform a gradual migration path of existing IN services and capabilities while also making the services available for the traditional fixed/mobile subscribers and SIP/IMS clients.

Service Interaction
The SDP provides service interaction and triggering of multiple services for each call session. The SDP supports network access for a broad range of SS7 based protocol such as INAP, MAP, CAP etc and charging interfaces such as Diameter and Radius for credit control. This, in combination with interfaces and technologies such as Web Services APIs, provides a complete, flexible and future proof IN platform.

Service Creation Environment
For application and service development the SDP features a complete graphical Service Creation Environment (SCE) known as the TELIGENT Telecom Application Builder. The Application Builder is utilized by TELIGENT Telecom, 3rd party development partners and customers to meet highly complex customer requirements. This proven SCE, along with open, external SCEs is available through platform APIs and provide an extensive freedom of choice in application development.

Network Bridging
The SDP supports 'network bridging' where legacy network subscribers (PSTN and PLMN) are allowed access to new SIP/IMS based services and where NGN based SIP/IMS clients have access to traditional IN services.

Multi Network Support
To have all services for both NGN/IMS and PSTN/PLMN networks available on one single platform with unified service creation, management, supervision and traffic control, is one of the major advantages of the TELIGENT Telecom SDP.

FCAPS Management
Standard FCAPS (Fault management, Configuration management, Account management, Performance management and Security management) operation and maintenance is all performed from one central management and administration console in the TELIGENT Telecom SDP. This, combined with the broad range of supported interfaces for both telecom networks and IT networks, makes the TELIGENT Telecom SDP a formidable and flexible platform base for any communications operator.

Summary

The TELIGENT Telecom Service Delivery platform is a future proof IN-platform that reduces operational costs and increases revenue for operators worldwide.

In combination with TELIGENT Telecom's long term experience we guarantee that our customers operations are secured and deliver top quality services to millions of subscribers.

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