

Service Broker

Purpose-built to orchestrate and interwork services in multi-vendor, multi-technology networks.

Product Description

Tekelec's Service Broker application is purpose-built to orchestrate and interwork services in multi-vendor, multi-technology networks. Built on a high-density advanced telecommunications computing architecture (ACTA) platform, the Service Broker features a powerful rules-based execution engine that enables providers to flexibly control service interaction and mediation within and across networks. It bridges technologies, enabling service interaction between legacy, mobile, next-generation and IP multimedia subsystem (IMS) networks. The Service Broker application allows signaling system 7 (SS7)-based, intelligent networks (IN) platforms to interwork with next-generation network (NGN)- and session initiation protocol (SIP)-based service platforms to combine service components from virtually any network type.

Benefits

With Tekelec's Service Broker, operators can:

- **Simplify network consolidation and migration.** Operators can normalize network resources with different protocols or variants of the same protocol without costly switch upgrades or re-architecting the network. Service Broker simplifies network migration, enabling providers to introduce new resources and applications that interwork seamlessly with existing, legacy components. By deploying Tekelec's Service Broker, NGN/VoIP operators can deliver rich, multimedia applications without deploying a full-blown IMS network
- **Increase average revenue per user (ARPU) and retain subscribers.** Service Broker enables "sticky," high-end, blended services in pre-IMS and IMS networks by coordinating and managing the interaction of multiple applications for a single session. Operators can mix services from multiple domains to create unique service packages that increase revenue and improve customer retention – all supported by a variety of billing options
- **Maximize investment in legacy network resources.** Providers can continue to use existing service platforms as they transition to new, SIP-based services, without costly network overhauls, new switch triggers or replication of services in multiple domains

- **Simplify network management.** Tekelec's Service Broker consolidates the mediation and interworking of platforms with different protocols and technologies at the control plane, the central point in the network
- **Deliver a seamless service experience to TDM and NGN/IMS customers.** Customers enjoy the same service level regardless of their access technology. Existing subscribers can enjoy SIP-based services such as click-to-dial, unified messaging and web-based call management typically reserved only for IMS subscribers. New SIP-based service offerings for NGN/IMS subscribers can be leveraged to increase the revenue potential and loyalty of existing customers
- **Manage and simplify complex service interaction in the SIP domain.** Service Broker orchestrates the interaction of multiple services with a single trigger, allowing operators to create and deploy rich, multimedia services to their end-users
- **Increase equipment selection flexibility.** The Service Broker's protocol mediation capabilities give operators greater flexibility in selecting network components by providing a broader range of equipment choices