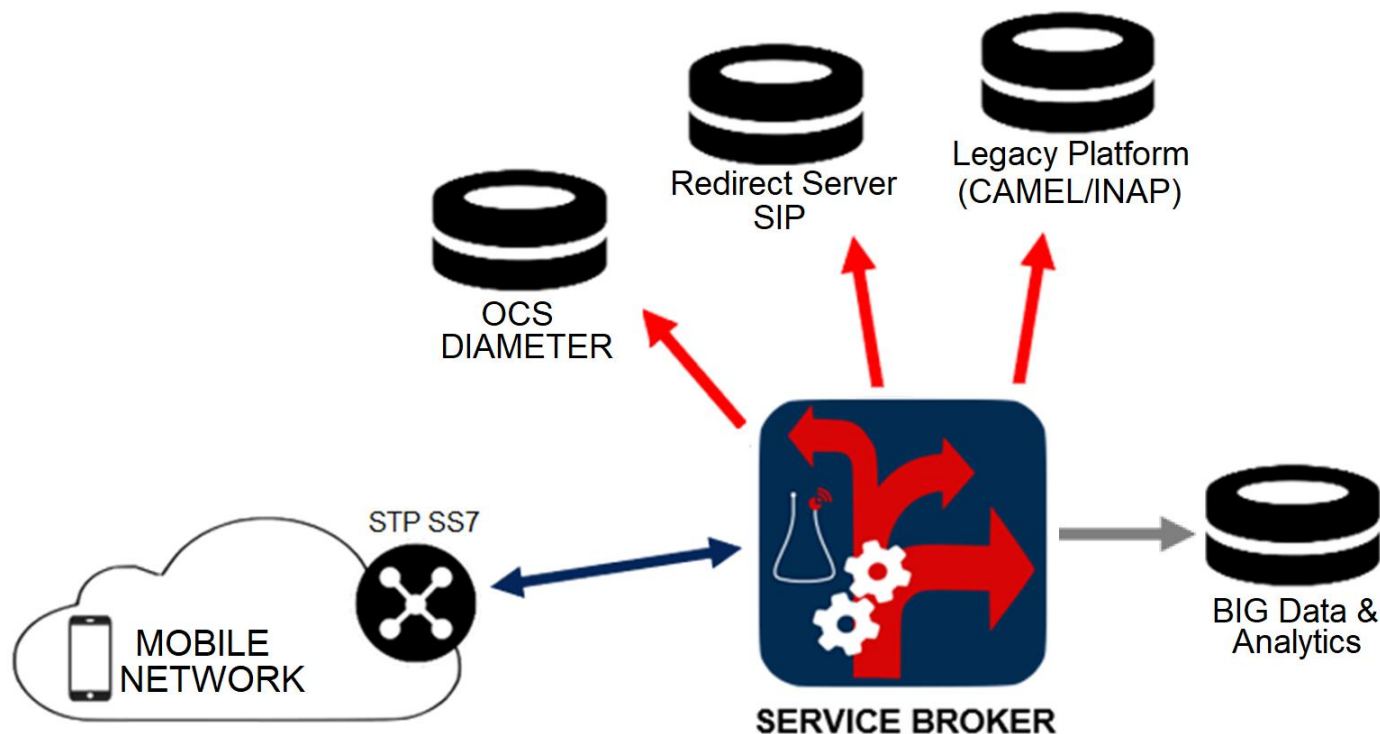




# Service Broker

Labcom's Service Broker is a platform for implementing and orchestrating intelligent applications on mobile networks. The interconnection with the mobile network is done through STP SS7 / SIGTRAN using the CAMEL protocol.

These applications include access to the subscriber database for call authorization, special services call routing depending on the location of the subscriber, querying of the OCS (Online Charging System) for prepaid subscribers using DIAMETER or CAMEL protocol (legacy platforms), querying SIP servers (Redirect Server) and generation of call data.



## Data Analysis and Big Data

Service Broker provides a set of call statistics that can be exported and processed by big data / analytics applications and tools for analysis of interconnect network performance and usage profiling.

## Redundancy

Service Broker has high-availability modular and redundant configuration options, allowing for scalability and configuration flexibility. Redundancy is done by Global Title Virtual on STP SS7

## Protocols

Supports multiple protocols for orchestration functions application:

- CAP (CAMEL)
- MAP
- SIP
- DIAMETER

## Functionalities

- ✓ Treatment of special services Tri-digit depending on location
- ✓ *Emergency call for M2M accesses*
- ✓ CDR (Call Detail Record) generation
- ✓ Prepaid Services – DIAMETER Interface
- ✓ Portability Query - MAP-SRI Treatment

Other functionalities can be developed upon request.