



CONTEXT AND BUSINESS CHALLENGES

Using a single service provider brings limitations as roaming charges are usually costly when you cross frontiers.

The Multi-IMSI technology is a solution which avoids expensive roaming charges allowing a single SIM card to be assigned multiple local numbers.

DESCRIPTION

- EOS Multi-IMSI is Oasis USIM connectivity management solution for IoT and global roaming.
- It enables switching network by swapping IMSIs depending on business rules defined by the Service Provider.
- The SIM profile can switch according to different modes of operation:
 - An automatic switch from one IMSI to another based on multi-IMSI application logic.
 - A manual switch available via STK

application.

- A remotely controlled change, delete or update of profile via OTA.
- EOS Multi-IMSI is composed of:
 - A multi-IMSI application running on Helios OS, Oasis advanced USIM operating system, allowing a manual, automatic, or remotely controlled switch of network.
 - A remote server in the cloud in charge of dynamically updating the multi IMSI application parameters and the business rules to control the behavior of the application.
- This solution provides an optimized roaming solution and an industrial-grade activation platform for connection of IoT devices.

BENEFITS

- Provides MVNOs with the ability to optimize the use of their IMSIs to benefit the best usage rates.
- Offers worldwide cost effective roaming for travelers and IoT devices.
- Seamless switch of network to adapt the connectivity to the device location.