



EOS SUBSCRIPTION MANAGEMENT

CONTEXT AND BUSINESS CHALLENGES

The use of embedded SIM for M2M and IoT requires “over-the-air” (OTA) provisioning of an initial operator subscription as well as other subscription profiles to be changed from one operator to another.

The remote SIM provisioning process is a vital enabler for M2M and IoT connections, since they address several business issues:

- M2M and IoT devices are remotely located
- They are often hermetically sealed
- The manufacturer does not know where the device will be used
- Their product life cycles varies and can be lengthy

In December 2013, the GSMA issued a technical specification that enables remote provisioning and management of embedded SIMs for M2M. GSMA has recently released a common remote SIM provisioning specification for consumer devices, and an additional release is expected for 2016.

DESCRIPTION

EOS Subscription Manager is Oasis solution of Remote SIM Provisioning for consumer devices and M2M services. The solution includes below key features:

- Remotely manage subscriptions for IoT connected objects or consumer devices
- Change subscription in a fully secure environment
- Switch subscription with standardized features
- Configure eUICC
- Store profiles from same or different mobile operator
- Management of Data Generation process
 - Profile ordering
 - Preparation of un-personalized profile
 - Generation of personalization data
 - Preparation of profile package to be delivered to eUICC
- Profile download and installation

BENEFITS

- Connecting any device on demand, at anytime, anywhere
- Simplified / leaner logistics
- Lower SIM costs
- Ability to switch connectivity provider depending on change in tariffs, regulation
- Adapting the subscription to device location.