Smart Connect M2M

Subscription Manager

Accelerate your eSIM connectivity go-to-market for every M2M and IoT vertical.

Grow your M2M connectivity business

By 2030, more than 20 billion objects will be connected to mobile networks. As more and more IoT use cases appear in industries such as automotive, smart health, smart cities, and home automation, devices will require instant provisioning of connectivity on entire device fleets, in an M2M mode.

Enterprises launching global IoT products and services need to establish and maintain flexible connectivity, no matter where in the world the device is manufactured or is to be deployed.

The challenge for mobile operators will be to provide optimized global connectivity serving this demand.

Our offer
Smart Connect M2M

IDEMIA's Smart Connect M2M is a remote eSIM provisioning solution that allows any device to connect to a mobile operator network out of the box. It is developed for industrial, IoT and automotive use cases where the end-user interaction is not required.

Smart Connect M2M complies with the latest GSMA specifications and offers many components to deliver the full value of M2M eSIM to mobile operators and manufacturers.

Smart Connect M2M addresses the following use cases:

› Global connectivity with local pricing

› Insurance and avoiding connectivity lock-in

› Mobility with active switching

Benefits

Flexible

Supports a large panel of IoT eSIM devices and use cases across all industries.

Scalable

Highly scalable and available solution meeting telco-grade SLAs, as well as accommodating any data privacy and data sovereignty requirements.

Simple to integrate

Rich set of APIs enabling an easy integration with existing processes and systems.

Why IDEMIA?

› Our Smart Connect platforms are compliant with the latest GSMA specifications

› Future-proof and proven solution on the field with numerous deployments and a strong capacity to deliver at high level performance.

› Partner of top MNOs including Telus, Telefonica, Telstra, TIM Brazil, and many more.

› A worldwide footprint to operate 24/7 the service from our GSMA SAS-SM accredited data centers

› Simple integration with existing systems and processes thanks to a rich set of Application Programming Interfaces (APIs).

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How it works

Smart Connect M2M, designed for global and optimized connectivity

Smart Connect M2M uses Microsoft Azure public cloud and is hosted in GSMA SAS-SM certified data centers. Smart Connect M2M is made up of these 4 major components:

Subscription Manager – Data Preparation (SM-DP)

Stores MNO credentials, generates and encrypts MNO profiles on-demand.

Subscription Manager – Secure Router (SM-SR)

Stores eSIM access information and delivers MNO profiles over the air.
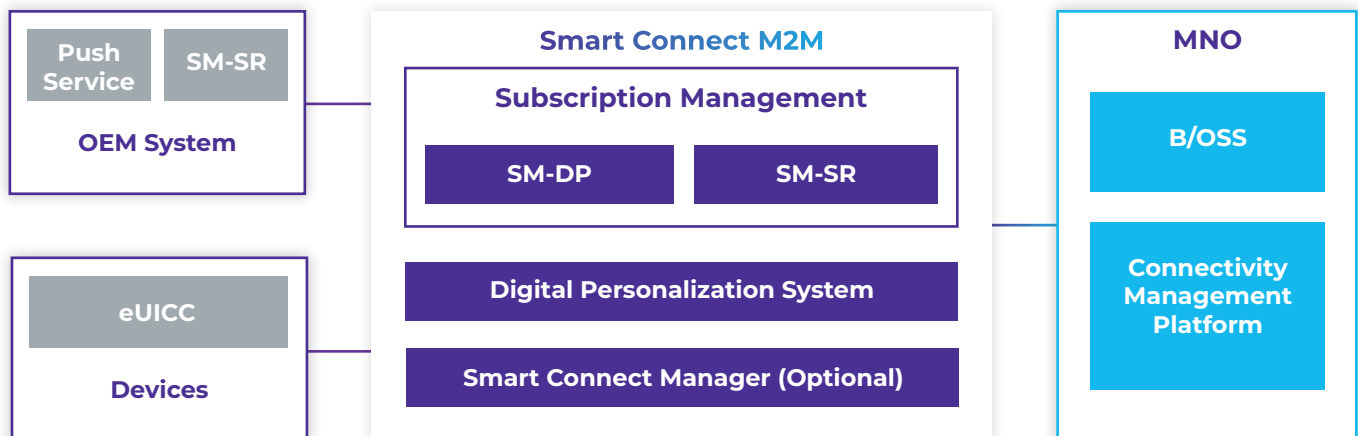
Digital Personalization System (DPS)

Supports profile ordering, generation and enhanced profile management features.

Smart Connect Manager (optional)

Handles external events, workflows and runs campaigns.

Example

Push Service	SM-SR
OEM System	

eUICC
Devices

Smart Connect M2M

Subscription Management

SM-DP	SM-SR

Digital Personalization System

Smart Connect Manager (Optional)

MNO

B/OSS

Connectivity Management Platform

Cutting-edge technology

› Cloud-native solution ensuring fast time-to-market, high availability and scalability

› Compliant with the latest GSMA specifications

› Capacity to handle versatile business workflows in unitary or campaign mode for fleets of connected objects

And tomorrow?

› IDEMIA is an active contributor to the ongoing specifications (GSMA, TCA, ETSI) and standardization activities, helping ecosystem stakeholders to define a secure end-to-end solution for subscription management.

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