

Smart Connect M2M

eSIM Manager for IoT devices



Intelligently and easily manage the connectivity of M2M and IoT devices

Grow your M2M connectivity business

More and more IoT use cases are appearing in industries such as automotive, smart health, smart cities, and home automation and these devices 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 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 end-user interaction is not required.

Smart Connect M2M complies with SGP.01 and SGP.02 GSMA specifications and offers added-value components to deliver the full value of M2M eSIM to mobile operators and manufacturers.

Smart Connect M2M addresses the following use cases:

- › Insurance and avoiding connectivity lock-in
- › Mobility with active switching

Benefits



Public Cloud hosting

Ensures fast time-to-market, scalability and availability, as well as accommodating any data privacy and data sovereignty requirements.



Connectivity orchestration

Intelligent Business Process Management allows workflow personalization and large-scale campaign management.



Simple to integrate

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

Why IDEMIA?

- › 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 the service 24/7 from our GSMA SAS-SM accredited data centers.
- › IDEMIA is ready to support new IoT use cases and ensure coexistence and smooth transition from legacy M2M (SGP. 01/02) to new IoT GSMA specifications (SGP.31/32).

How it works

Smart Connect M2M, designed for global and optimized connectivity

Smart Connect M2M is hosted in GSMA SAS-SM certified data centers in the public cloud. It 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)

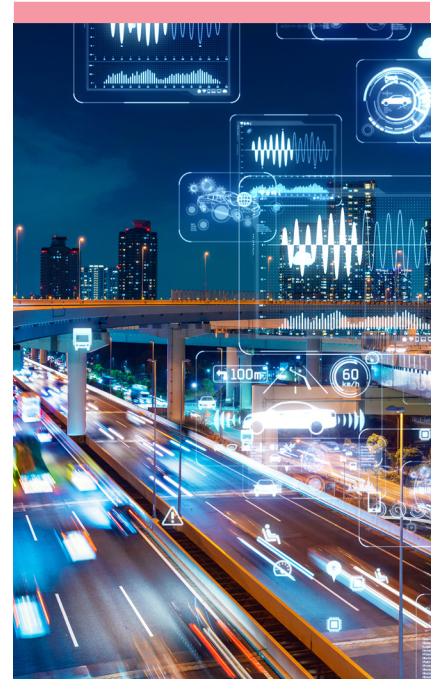
Stores eSIM access information and delivers MNO profiles over the air.

Digital Personalization System (DPS)

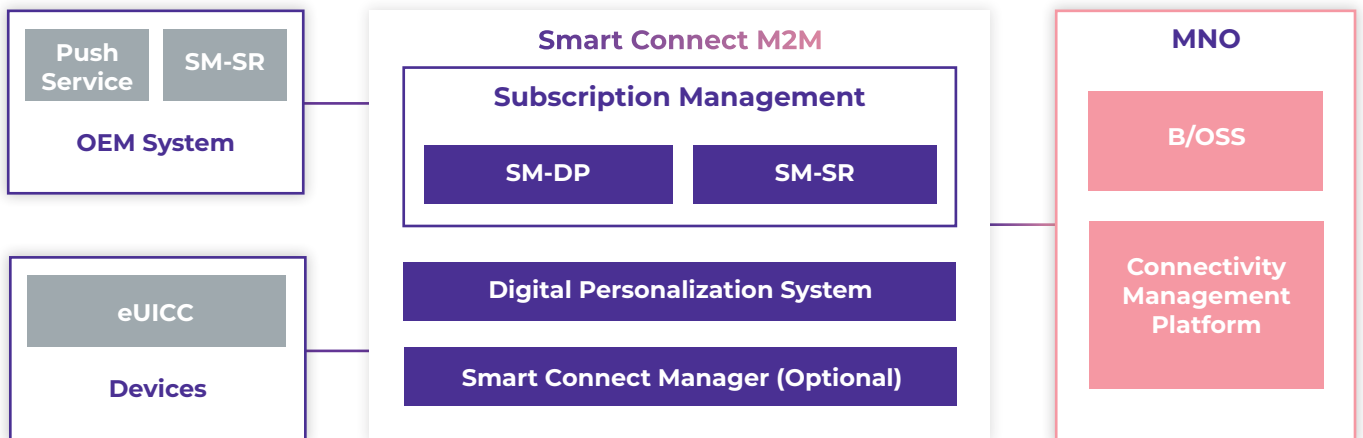
Supports profile ordering, generation and enhanced profile management features.

Smart Connect Manager

Eases integration, handles external events, workflows and runs campaigns.



High-level architecture



And tomorrow?

- › Smart Connect Manager is able to manage the coexistence and smooth transition from legacy M2M (GSMA SGP.01/02) to new IoT use cases (SGP. 31/32).