

# Smart Connect IoT

## eSIM manager for IoT devices

### New IoT use cases

The SGP.31 eSIM IoT specification from the GSMA is expected to revolutionize the IoT market by supporting new use cases, particularly those that rely on **low power networks** and **devices**. Businesses will be able to implement their services more rapidly and flexibly while also optimizing them across a wide range of industries (smart meters, smart cities, smart homes, asset tracking, smart agriculture, etc.).

### Our offer

#### Smart Connect IoT

With the Smart Connect IoT solution, IDEMIA is prepared to facilitate the deployment of new eSIM IoT use cases. It consists of:

- › **eIM:** eSIM IoT Remote Manager for secure remote Profile State Management operations on a single IoT device or a fleet of IoT devices.

- › **SM-DP+:** Subscription Manager-Data Preparation+, which secures data preparation, storage, and remote download of the MNO eSIM profile onto the eUICC.

#### Added-value features:

- › **Just-in-Time profile generation** enhanced profile management features such as profile ordering, dynamic profile generation, and adaptation.
- › **Orchestration layer:** manage eSIM M2M (SGP. 01 & 02) and eSIM IoT (SGP.31 & 32) orchestration and integration facilitation.

IDEMIA also offers an **eUICC for new IoT use cases**.

IDEMIA provides eUICC for both IP Ae (IoT Profile Assistant on eUICC) and IP Ad (IPA on device) configurations. When the IPA is located on a eUICC (IP Ae), then we also offer a polling applet.

### Benefits



#### Business growth

Simultaneously manage eSIM M2M and eSIM IoT use cases through a single interface and processes.



#### Simplicity & efficiency

Simplify integration via standard APIs, facilitate eSIM profile ordering and inventory, and enhance connectivity orchestration.



#### Scalability & resilience

Manage wide diversity and volume of IoT devices. Scale securely with performant platforms in the public cloud.

### About IDEMIA

- › Compliance with the latest GSMA specifications
- › Worldwide deployments with top-tier device manufacturers and mobile network operators
- › More than one solution: an ecosystem approach to eSIM implementation and management
- › 210+ major wins in eSIM subscription management platforms
- › GSMA SAS-SM accredited data centers
- › Cloud-first approach for a highly scalable and available solution

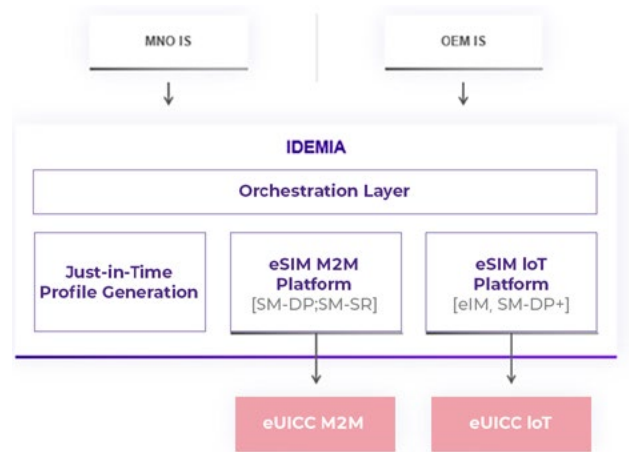
## Key differentiators

### Smooth “cohabitation” and transition

In many cases, organizations may have to simultaneously manage use cases relying on eSIM M2M (SGP. 01 & 02) and eSIM IoT (SGP. 31 & 32) frameworks. Our solution enhances cost and operational efficiency with:

- › **Single point of integration** for M2M eSIM and eSIM IoT platforms
- › **Single** and 100% digital **profile ordering** mechanism (see below)
- › **Support of all kind of devices and eUICCs:** M2M eUICCs and IoT eUICCs with IPAd or IPAd\*

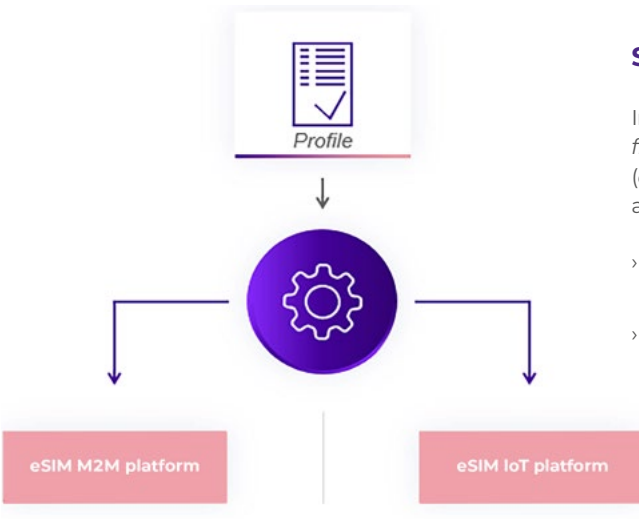
\*IPAd: IoT Profile Assistant located on device  
 \*IPAd: IoT Profile Assistant located on eUICC



### Intelligent orchestration and easy integration

Depending on the use cases and devices, the orchestration layer:

- › **Automatically detects** the technology and **redirects** orders towards the adequate platform
- › Easily connects RSP platforms to multiple third-party **Connectivity Management Platforms (CMP)**
- › Assures total **business process management**, allowing OEMs to initiate any actions towards their connectivity providers



### Single and 100 % digital profile ordering mechanism

In addition to **profile customization** (change any profile element on the fly just before profile download on the device) and **profile adaptation** (adapt the profile depending on the device capabilities), IDEMIA provides a unique capability, specifically designed for eSIM IoT:

- › Ordered profiles are **not assigned** to eSIM IOT or M2M platforms from the outset
- › The profile is **made available for the right platform** only when the device is identified

### Scalability and resilience

Our solution is hosted in the public cloud to ensure:

- › High availability
- › Resilience with geo-redundancy
- › Capacity and elasticity
- › Security and data protection

