Smart Connect Hub

Streamline eSIM integration and workflows in real-time

As the number of eSIM-enabled devices grows, so do the requirements to support them and remote SIM provisioning. To sell new devices and services, mobile operators must take into account this fast-changing landscape.

Always connected

eSIM: a fast-growing technology

With 2 billion eSIM-enabled devices forecasted to be shipped by 2025, and the launch of 5G networks worldwide, connected devices for consumers and Internet of Things (IoT) use cases are now essential for mobile operators' growth.

The reality, however, is not so simple. This evolution's greatest challenge is to be able to support as many devices as possible, securely, within the same time frame, if not faster, and be able to support any use case.

The best approach is to adopt a flexible and modular solution – one that is made up of interconnected components, each of which can be modified and updated independently without significantly impacting existing systems.

Our offer

Smart Connect Hub

IDEMIA's Smart Connect Hub centralizes the activation and provisioning workflows across all operational systems, ensuring seamless eSIM lifecycle management.

The solution integrates across platforms including:

› Subscription managers
› Entitlement servers
› Mobile Device Management (MDM) platforms
› Connectivity management platforms
› Billing and Operational Support Systems (B/OSS)

Smart Connect Hub is part of the Smart Connect Platform, which includes Subscription Management and Entitlement Server solutions for mobile network operators (MNOs).

Benefits

Efficient

Leverages existing APIs for provisioning and activation, thus reducing integration time and costs

Centralized

Brings together multiple third-party platforms for a 360° view of all eSIM components

Scalable

Sustains a wide range of use cases to meet current and future demands without worrying about OEM-specific requirements

Why IDEMIA?

› More than 110 eSIM platforms for Consumer and M2M deployed around the world
› 2 GSMA SAS-SM accredited data centers
› 100+ OTA platforms deployed around the world
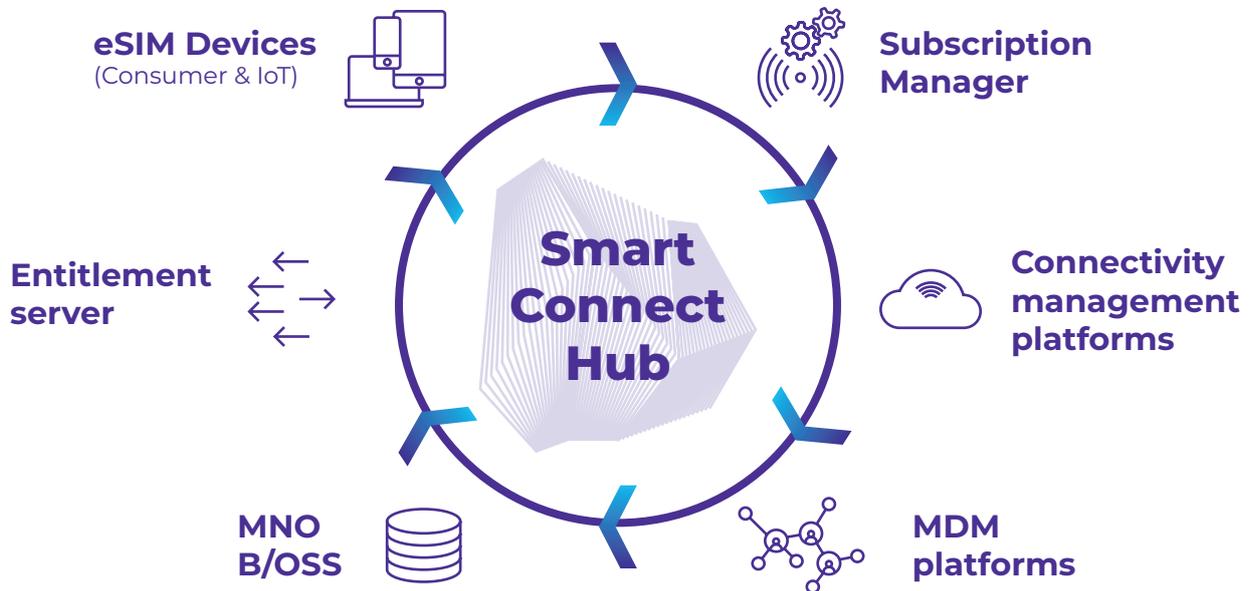› Trusted by 500 mobile network operators worldwide

IDEMIA

The starting point for building any eSIM framework

The Smart Connect Hub overcomes the complexity of eSIM management for MNOs by embedding specialized consumer, enterprise and M2M/IoT workflows in a central hub.

As a core component of a strong eSIM infrastructure, the Smart Connect Hub links and coordinates the eSIM lifecycle across all systems. It also allows for new devices and use cases to be adopted by quickly integrating new, required elements.

Smart Connect Hub Framework

eSIM Devices
(Consumer & IoT)

Subscription Manager

Entitlement server

Smart Connect Hub

Connectivity management platforms

MNO B/OSS

MDM platforms

Cutting-edge technology

› Cloud-based approach for a highly scalable, available and secure solution

› Real-time error management that includes self-healing logic to ensure seamless provisioning and a positive user experience

› Compliant with GSMA specifications for remote SIM provisioning

› Supports any data privacy and data sovereignty requirements

And tomorrow?

› 5G networks will fuel demand for connected devices and raise user experience expectations

› MNOs will increasingly need to offer digital onboarding and identity verification

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