Smart Connect Consumer

Unleashing the power of eSIM

eSIM

Embedded SIM cards, or eSIM, are rapidly being adopted in today's connected devices – phones, watches, cars and more. Mobile operators that support eSIM have the opportunity to enhance their customers' experience and open up new revenue streams through new connected devices and offers.

The future of connectivity

eSIM: a game-changer for mobile operators

Connectivity is the foundation of the digital transformation that is changing the world in which we live. All the devices that we use daily – phones, watches, cars, and more – are all being connected through mobile networks that are, themselves, evolving to 5G to bring us better, faster, and more persistent connectivity.

Forecasts show that by 2025, there will be 2 billion eSIM-enabled devices shipped. Mobile operators must not only be equipped to support the baseline eSIM architecture for remote SIM provisioning; they must deploy a framework that can handle the increasing complexity in standards, specifications, and requirements for each device and their respective use cases.

Our offer

Smart Connect Platform

With the **Smart Connect Platform**, IDEMIA provides mobile operators with an end-to-end eSIM lifecycle management solution.

Smart Connect is made up of three major components:
› Subscription manager
› Entitlement server
› Orchestration hub.

With these three components, the **Smart Connect Platform** can support all eSIM devices and use cases in the market today, and for the foreseeable future.

Benefits

Secure

Protects the integrity and confidentiality of mobile operators' profiles in the consumer devices.

Seamless

Supports large-scale deployment of global connectivity needs, without any compromise on security.

Simple

End-users can connect all their devices right "out-of-the-box".

Why IDEMIA?

› Worldwide deployments with top consumer device manufacturers
› More than one solution: an ecosystem approach to eSIM implementation and management
› 110+ major wins in eSIM subscription management platforms: SoftBank, Deutsche Telekom, Telia Company, and more
› 2 GSMA SAS-SM accredited data centers
› Cloud-first approach for a highly scalable and available solution.

IDEMIA

A cloud-first approach to eSIM management

Smart Connect takes a cloud-first approach with a subscription manager being hosted in GSMA SAS-SM certified data centers and the entitlement server and orchestration hub hosted in the public cloud.

Altogether, this gives IDEMIA's clients a highly scalable and available solution meeting telco-grade SLAs, as well as accommodating any data privacy and data sovereignty requirements.

Mobile operators must not only be equipped to support the baseline eSIM architecture for remote SIM provisioning. They must handle the increasing complexity in standards, specifications, and requirements for each device and their respective use cases. The best approach would be to adopt a flexible and modular framework. One that is made up of many interconnected components:

Smart Connect Platform Components

Smart Connect Subscription Manager

is compliant with the latest GSMA RSP Consumer specifications, and even adds additional functionality to mobile operators beyond the specifications.

Smart Connect Entitlement

meets the specifications from current OEMs and, thanks to its modular architecture, can easily support new specifications from other OEMs, separating business logic and provisioning from OEM-specific workflows.

Smart Connect Hub

is a provisioning workflow manager. It integrates the various components of the eSIM ecosystem across multiple mobile operator networks and third parties like MDM and Connectivity Management platforms.

Cutting-edge technology

› Unique functionality that extends GSMA subscription management specifications

› Digital Personalization System (DPS) for real-time provisioning of profiles on demand

› Support Consumer, Enterprise and M2M/IoT devices and use cases

And tomorrow?

› The security of eSIM presents new opportunities for mobile operators to verify subscriber identities

› Enhancing remote identity verification opens up new opportunities in the digital identity space

⟨⟨⟩⟩ IDEMIA

Join us on (f) (t) (in) (▶) (◎)

www.idemia.com