Smart Connect Entitlement

Automated provisioning for connected devices

eSIM technology gives consumers a new and continuously evolving network of features through their phones, wearables, and other connected devices. Mobile operators must strive to automatically configure and provision these services for subscribers, to create a totally seamless user experience.

Enhanced user experience
**eSIM devices: a connectivity shift**

With the growth of different types of connected devices, continuity of service across phones, wearables, and other devices is critical for subscriber satisfaction.

Device OEMs are increasingly adding features that rely on mobile operator networks. This is especially true for eSIM devices, which are always connected and whose users expect a seamless experience on all devices at all times.

Mobile network operators must ensure compatibility between device and network IMS services and provision the right services upon activation.

A trusted partner that supports OEM’s entitlement specifications is therefore essential.

Our offer
**Smart Connect Entitlement**

IDEMIA’s **Smart Connect Entitlement** solution is a cloud-based solution that allows mobile operators to authorize and provision connected devices for specific device features.

The **entitlement server** not only bridges devices with the network back-end but also automatically provisions network features such as:

- Multi-SIM
- VoLTE (Voice-over-LTE)
- Transfer of eSIM profiles between devices

**Smart Connect Entitlement** is part of the IDEMIA Smart Connect Platform, which includes Subscription Management and Orchestration Hub components for mobile network operators.

Benefits

**Multi-OEM support**

Supports entitlement specifications from multiple OEMs and a variety of devices.

**Cloud-native**

Combines a cloud-based solution with a SaaS model for fast time-to-market, high availability and reliability, as well as predictable costs.

**Light integration**

Accelerates time-to-market with a lightweight integration, modular architecture, and built-in orchestration.

Why IDEMIA?

- Worldwide deployments with top consumer device manufacturers
- Powered by 2 GSMA SAS-SM accredited data centers
- Service provider for 500 mobile network operators worldwide
- 110+ major wins in eSIM subscription management platforms: SoftBank, Deutsche Telekom, Telia Company, and more

1 IMS: IP Multimedia Core Network Subsystem
Entitlements: no longer optional for mobile network operators

When entitlement specifications were first introduced, they were used for network services that were not mandatory for the device to function. However, this is now changing with the growth of eSiM and always-connected devices.

Device OEMs are pushing more cutting-edge features through entitlement servers as a means of ensuring a consistent end-user experience with their devices, regardless of the network to which it’s connected.

As more and more features are provisioned through entitlement servers, it will be critical for all mobile operators to deploy a future-proof solution that is able to support multiple OEMs and their device features.

Smart Connect Entitlement Server

- Enable hotspot tethering and other IMS features
- Update preferred roaming networks
- Receive data usage notifications
- E911 registration
- Voice-over-WiFi
- Voice-over-LTE
- Activate a companion device
- Use same phone number on companion devices

Cutting-edge technology

- Modular cloud architecture for faster time-to-market, faster updates and high availability
- Continuous updates to ensure compliance with the latest OEM entitlement specifications
- Orchestration of activation and provisioning workflows between the necessary components

And tomorrow?

- Adapting the onboarding process for eSIM devices will be required to stay compliant with KYC obligations
- eSIM will enable new use cases and strengthen the customer experience

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