Thales eSIM Discovery Service:
Empowering OEMs for Seamless eSIM activation experience

THALES

Building a future we can all trust

Are you looking to provide the best user experience for your customers when activating the eSIM in your devices? Do you want to have full control over the activation process of your devices during their entire lifetime? Look no further - Thales eSIM Discovery Service is a comprehensive solution designed to help you unlock the true potential of eSIM activation and provide exceptional benefits.
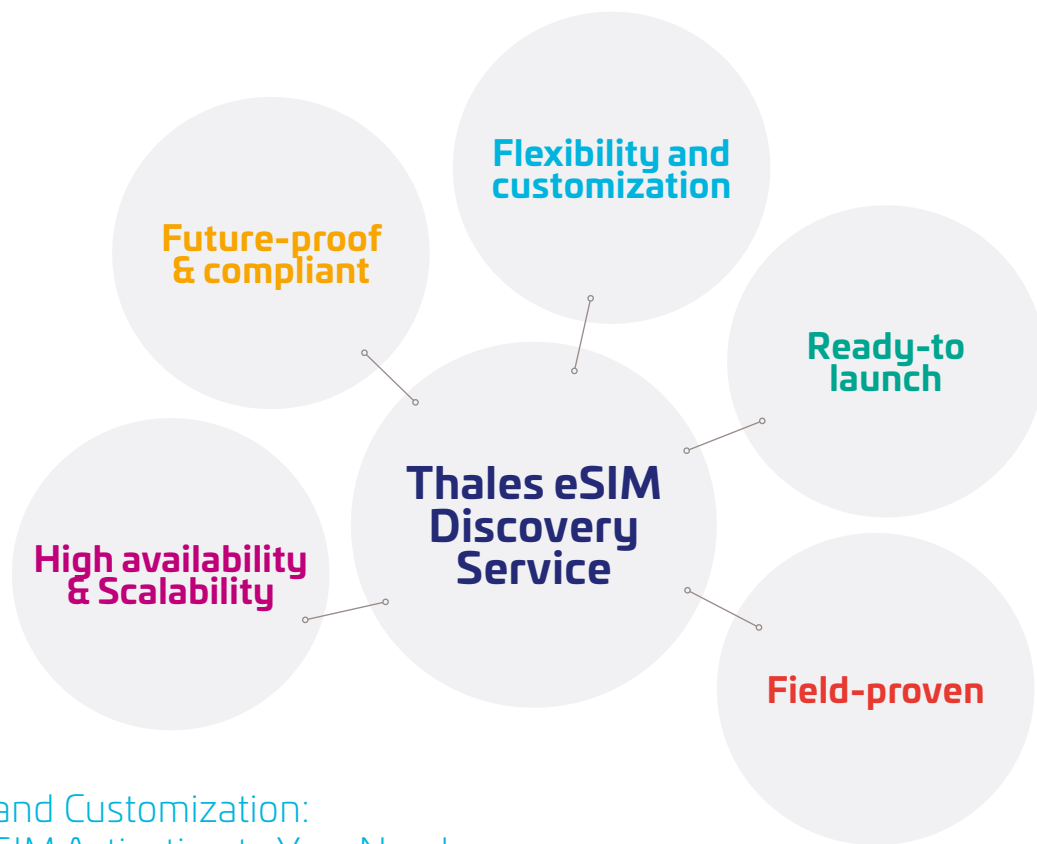
This service targets Consumer OEMS that want to:

Build eSIM-equipped devices that offer a **great user experience** during eSIM Profile Download.

Support eSIM Profile Download via SM-DS (Subscription Management-Discovery Server) and maintain **control over the user experience throughout the lifetime of the devices.**

eSIM

Utilizing Thales eSIM Discovery Service offers a range of key benefits that make it a standout choice

Flexibility and customization

Future-proof & compliant

Ready-to launch

Thales eSIM Discovery Service

High availability & Scalability

Field-proven

Flexibility and Customization: Tailoring eSIM Activation to Your Needs

Firstly, it provides you with the flexibility to define and customize the eSIM activation service according to your specific needs. This means you can adapt and tailor the service as your requirements evolve over time, ensuring it remains aligned with your business goals.

Future-Proof and Compliant: Ensuring Seamless Operation with RSP Standards

Future-proofing your activation process is another advantage offered by Thales eSIM Discovery Service. It is designed to be fully compliant with the Remote SIM Provisioning (RSP) Consumer specification, ensuring compatibility and readiness for the latest industry standards.

High Availability and Scalability: Deploying Thales eSIM Discovery in the Cloud

By deploying our service on the robust Google Cloud Platform, we guarantee high service availability with geo-redundancy across multiple locations. This means your devices and subscriptions can be seamlessly activated, regardless of their geographical location.

Ready-to-Launch Solution: Accelerating Time-to-Market with Thales eSIM Discovery

With Thales eSIM Discovery Service, you can also enjoy the advantage of a ready-to-launch solution, significantly reducing your time-to-market. Our service is delivered in a convenient Software as a Service (SaaS) model, operated by Thales. This not only ensures reliability but also provides the scalability needed to support your growing demands.

Field-Proven: Proven Success with Over 40 MNOs and 80+ Device Models

When it comes to experience and trust, Thales eSIM Discovery Service stands out as the most mature solution available. With a track record of commercial use dating back to 2017, our service is trusted by over 40 Mobile Network Operators (MNOs). It supports a wide range of device models, exceeding 80, and seamlessly integrates with 12 DP+ (Device Provisioning) vendors. By choosing Thales eSIM Discovery Service, you not only empower your business with a reliable and scalable solution but also leverage the industry's top-rated service with a robust history of success.

Use Case Scenarios

Building upon the key benefits mentioned earlier, let's now explore Thales eSIM Discovery Service in two primary use case scenarios.

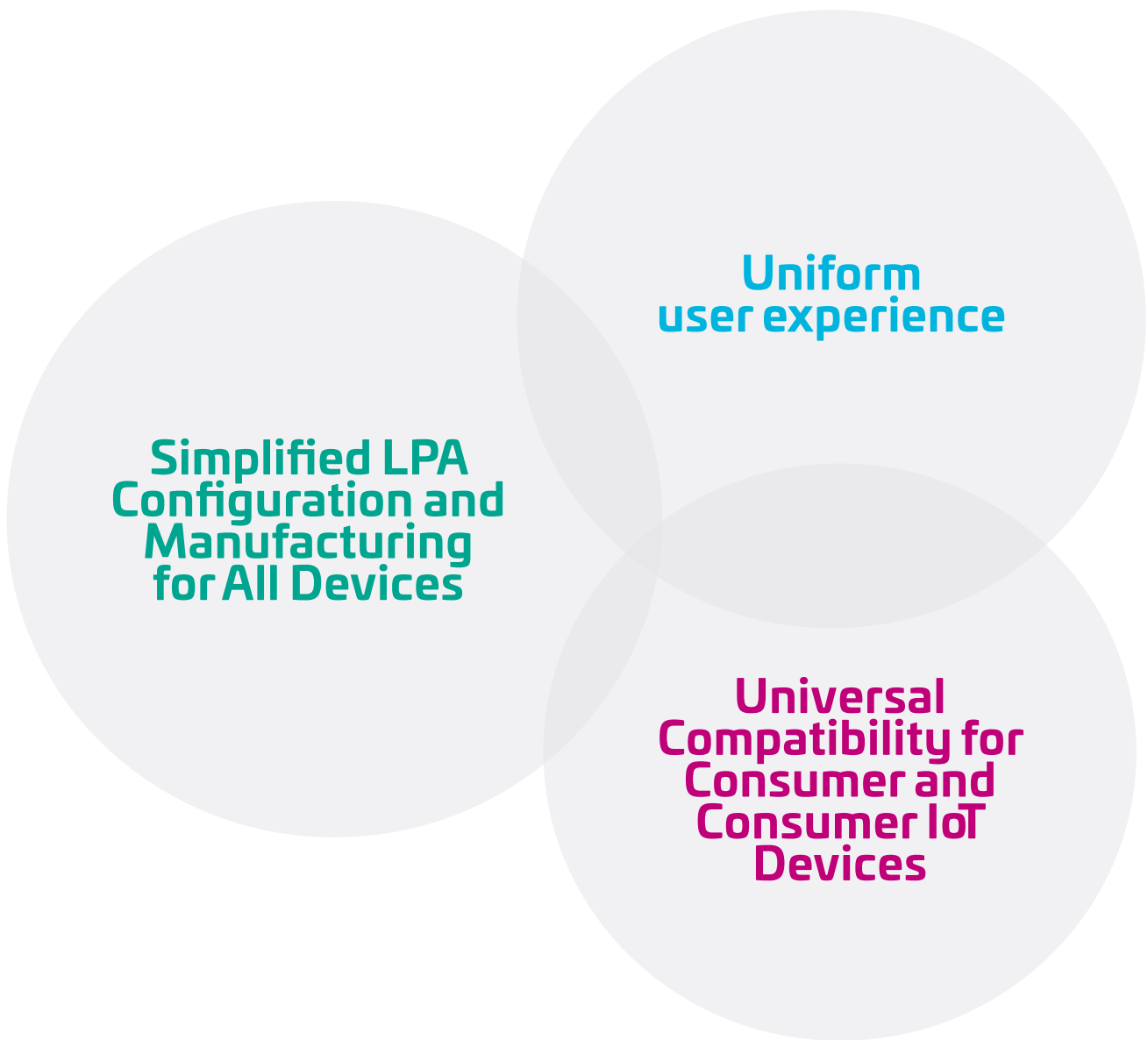## The first scenario is the Bundled Device-Subscription Activation

In this case Subscribers purchase a device and a subscription from a Mobile Network Operator (MNO). When the device is turned on for the first time, they can immediately start using cellular connectivity without any extra steps. The MNO can link the device and subscription beforehand or during the sale.

1 Purchase a handset and subscription from an MNO online shop

2 Receive the handset package

3 Turn on the device

4 Activate the eSIM in one click

1 Purchase a handset from a retailer shop

2 Visit an MNO shop with handset to subscribe

3 Shop attendant scans handset barcode and creates subscription

4 Turn on the device

5 Activate the eSIM in one click

The second scenario is the Open-Market Device Activation

In this case, subscribers purchase a device from a retailer or second-hand shop and get a subscription from the MNO. The MNO obtains the device's eSIM ID (eID) and connects it with the appropriate subscription. After the purchase, subscribers can instantly use cellular connectivity on the device.

Thales eSIM Discovery Service offers unique advantages for OEMs in the bundled device-subscription activation and open-market device activation scenarios

**Uniform
user experience**

**Simplified LPA
Configuration and
Manufacturing
for All Devices**

**Universal
Compatibility for
Consumer and
Consumer IoT
Devices**

Uniform user experience:

Users can enjoy a consistent and seamless experience, whether their devices are purchased from the open market or subsidized.

Simplified LPA Configuration and Manufacturing for All Devices:

Our solution incorporates the same LPA (Local Profile Assistant) configuration and simplifies the manufacturing process for both open market and subsidized devices.

With our approach, the default SM-DP+ (Subscription Manager Data Preparation) address is removed, simplifying the setup and production processes.

Universal Compatibility for Consumer and Consumer IoT Devices:

Our solution is designed to cater to a wide range of devices, making it suitable for any type of consumer, as well as consumer IoT devices.

Our technology removes the requirement for devices to have cameras for QR code scanning or screens for downloading carrier apps. This enables seamless network connectivity for all devices, ensuring that there are no limitations on device compatibility.

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