

eSIM

## eSIM as a Service for Private Networks

Mobile Private Networks enable organizations to deploy dedicated communication means for their facilities and employees. Based on either LTE or 5G, these networks replace existing solutions such as Wi-Fi, TETRA and iDEN, and improve productivity across a wide range of businesses and activities.

The [SIM](#), [eSIM](#) (embedded SIM) and more recently [iSIM](#) (integrated SIM) play a crucial role at the heart of [Private Networks \(PN\)](#). They enable employees and 'things' such as devices and machines to:

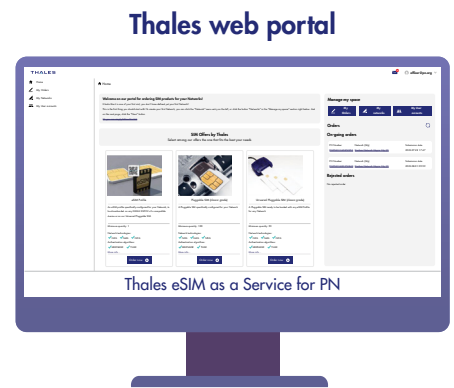
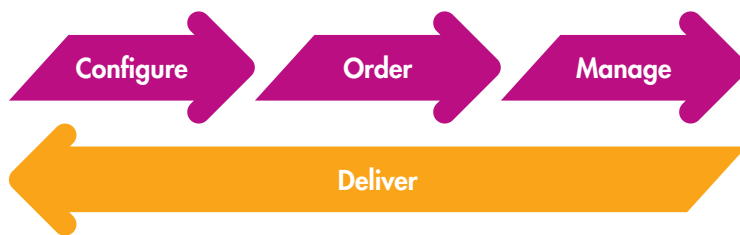
- Securely identify
- Connect and switch to public network depending on coverage needs
- Protect data exchanged between devices and the cloud

At Thales, conscious that SIM and eSIM require specific expertise that may be out of scope of PN solution providers or system integrators, we offer eSIM as a Service.

### Thales eSIM as a Service

Thales eSIM as a Service is an end-to-end solution for issuing and managing PN subscriptions remotely. This fully integrated offer includes:

- › eSIM and SIM configuration and ordering via the Thales web portal
  - Defining the mobile network configuration
  - Customisation and ordering
- › eSIM management as a Service
  - Thales SM DP+ (Subscription Management Data Preparation)
  - Generating QR activation codes
- › Subscription life-cycle management as a Service
  - Thales [Cloud OTA \(Over-The-Air\)](#)
  - [Thales on demand subscription management](#)
- › Value added services
  - Optional applets
  - Ad hoc on-site SIM card "production" by Personal Computer



## Product

- Physical reprogrammable cards with or without eSIM profile inside
- eSIM profiles (4G or 5G)
- Consumer or industrial grade

## Key features

- Simple user Journey
- Single PN profile for eSIM and SIM, based on pre-defined parameters
- Different form factors for different use cases : pluggable SIM, regular or industry grade, eSIM profile
- Over-The-Air services
- GSMA security certified (GSMA SAS)

## Services

- Order management & follow-up
- SIM delivery & follow-up
- Profile download
- Profile management
- OTA maintenance

## Benefits

- Flexible and agile: subscription profile issued instantly for small batches; larger batches in a few days
- Scalable: from single profile testing to PoC and production environments
- Future-proof: serving and supporting enterprise and organization roadmaps
- Trust and confidence: best-of-breed components supplied by the worldwide leader in SIM and eSIM

Thales is the world's No. 1 provider of eSIM subscription management solutions. Our award winning solutions have been adopted by numerous MNOs, MVNOs and key industry players worldwide and used in both Consumer and M2M/IoT environments.

Thales offers a complete portfolio of field proven solutions, from hardware eSIMs, adapted to each type of device, to servers.

**For more information, contact us**