



eSIM Ecosystem for Consumer and Industrial IoT

Understand markets, key concepts, ecosystem and main processes involved in eSIM.

Covers legacy M2M, newer Consumer IoT segments, and eSIM connected objects in general.

The number of connected devices is growing, delivering a wide range of benefits to consumers. Solutions such as On Demand Subscription Management allow the development of these brand new services, keeping you ahead in the IoT services deployment.

This training is ideal for anyone who wishes to understand all the basics around eSIM markets, eSIM ecosystem and eSIM projects for M2M and/or Consumer use cases. It provides comprehensive understanding about the technology and business impacts through eSIM. It addresses best practices and pitfalls to avoid, that Thales experts have learned across 100+ deployments worldwide.

At the end of the training you will

- > Have a view of the eSIM market today and where you could position your company
- > Understand the main concepts, the ecosystem, the specifications and the key processes in eSIM
- > Be aware of the key areas to study from business, technical and process standpoint in the different deployment phases of an eSIM service (design ; deploy ; operate)
- > Have benefited from lessons learned and best practices coming from previous deployments WW.
- > Know how to avoid the main traps and how to prepare your design, your deployment & your operation of eSIM related services.

Who should attend?

- > Managers requiring awareness of biz, technical & process impacts of eSIM deployment
- > Marketing teams
- > Project managers
- > Deployment staff
- > Operational Staff
- > Support Teams
- > Service Desks
- > Everyone interested in eSIM...

Pre-requisites:

- > Understanding of classical SIM supply and activation processes would be useful

This training course is held in English. Presentation in another language may be possible on request (documents in English).



PROGRAM

IoT and the eSIM - Introduction

- > IoT high-level presentation & main definitions
- > The eSIM market and value-chain
- > eSIM main use cases
- > The ecosystem and the actors
- > The eSIM specification - The GSMA RSP initiative

The eSIM concepts

- > eSIM architecture
- > The eUICC (ISD-R ; ISD-P)
- > Security and authentication (CI, certificates)
- > Certification schema (SAS-UP and SAS-SM)
- > Interoperability

Focus on M2M Remote Provisioning

- > SM-SR, SM-DP
- > M2M eSIM use cases in details (download, remote management, SM-SR change)
- > Subscription Management Platforms
- > Provisioning of eUICC and profiles in M2M eSIM
- > Main integration points and backend processes to consider

Focus on Consumer eSIM

- > SM-DP+, SM-DS, LPA
- > Consumer eSIM use cases (Physical Voucher, Digital Voucher, Default SM-DP+, SM-DS)
- > Provisioning of profiles
- > Main integration points and backend processes to consider
- > Main devices on the field today (Smart Watches, Wearables, Tablets, Smartphones, etc.)

Deploying your service

- > Go-To-Market approaches
- > Best practices and pitfalls
- > Preparing well for the next steps

ASK US ANYTHING ABOUT ESIM

2 follow-up sessions

- > Via conference calls
- > 2h sessions
- > With eSIM experts
- > 3 months, 6 months after the training (frequency adaptable to your needs)