



eUICC in consumer devices: opportunities and impacts

eUICC in smartphones, tablets & wearables: the opportunities and impacts from coming GSMA specifications

This is a new telecom revolution: the coming GSMA specification, will allow to download new subscriptions on consumer devices such as smartphones, tablets & wearables. The eUICC technology, previously reserved to M2M usage, is now opening a new way to provide local connectivity to all consumers.

Gemalto is proposing you to stay one step ahead by getting the most of both existing and coming specifications on IoT devices and consumer devices.

At the end of the training you will

- > Have a good understanding of GSMA specification on eUICC for both M2M and consumer devices
- > Understand the different players and their roles on the ecosystem and the operation flows
- > Understand the global security mechanisms

Who should attend?

- > solution project team
- > solution operational team
- > services marketing team

Pre-requisites:

- > GSM SIM Card Structure
- > ETSI & GSM Standards
- > This course also requires participants to have a good understanding of the M2M services, the ecosystem and the role of main players

This course is held in English



PROGRAM

Day 1 – Mastering the ecosystem and technology architecture

Introduction to eUICC & remote subscription management

- > Main targeted markets overview
- > The GSMA specification evolution
- > The drivers of this telecom revolution

Remote Subscription Management overview

- > The M2M model
- > The new ecosystem and role of the different players
- > Subscription management and life cycle
- > Status of new GSMA specifications for consumer devices (*only for GSMA members*)
- > The new scope: impacted devices
- > Return of experience of GSMA Proof of Concept (*only for GSMA members*)
- > The security management with other MNOs & device makers (M2M & consumer models)
- > Communication channels for each usage
- > Roaming impact

eUICC

- > Overview
- > Card architecture – management of the different Security Domains
- > Device requirements
- > Operational flows
- > Solutions for service providers to become autonomous while providing demanding services
- > eUICC and Remote Subscriptions Management
- > Objectives of the GSMA specifications
- > The players and platforms architecture
- > The new subscriptions life cycle
- > Security management
- > Impacts of Russia emergency call system (Era Glonass)
- > The 10 actors value chain for complete M2M services
- > The new networks infrastructure deployed by leading MNOs

Day 2 – Defining the best deployment strategy

Main impacts on MNO network and at point of sales

- > Impacts of removing a physical SIM at Points of Sales
- > Choosing the implementations at Point of Sales
- > The new requirements for device makers
- > Integration of new partners

Technical integration

- > Web services API
- > Possible integration architectures at BSS level
- > Convergence with other OTA services: roaming, device management, activation.

3 hours workshop :

- > A new subscriptions life cycle:
 - o existing distribution & new
 - o New device purchasing
 - o Loading a new subscription on a device already in the field
 - o Device maintenance: how to react a MSISDN
 - o Subscriber changing his device
 - o Theft
- > Enrollement process & user experience: the different models
- > Management of subsidized devices
- > Value proposal
- > MNO brand management