

E-LEARNING: USIM Standards Evolutions

Anytime, Anywhere: Understand Standards evolutions and new service opportunities

New **SIM card standards & specifications naming** and evolutions are often confusing and finding information or **anticipating new service opportunities** becomes more & more difficult.

This e-learning module allows you to study when & where you want, at your own pace...
...and gives you a comprehensive overview on the new standards evolutions, associated product features, and future service opportunities.



At the end of the training you will

- > Be able to state the main evolutions of Telecom Card ETSI-3GPP "Rel-6" standards
- > Have an overview of the new smart card's: Java Card 2.2.1 & Global Platform 2.1.1 functionalities
- > Have examples of future services based on new standards and cards.

Who should attend

- > SIM Managers
- > Project Managers
- > Developers
- > IT department staff
- > ...

Pre-requisites:

- > An understanding of GSM Network
- > A working knowledge of:
- > "Release 5" ETSI/3GPP /GP/Java Card Standards & USIM Characteristics

This course is held in English

Key topics

- > ETSI-3GPP Standards
- > Global Platform 2.1
- > Java Card 2.2 (RMI, Garbage Collector, UICC/SIM/USIM)
- > Logical Channels
- > "OTA"
- > CAT-TP
- > Advanced Services (Device Management, DRM, J2ME, Phonebook)

Presentations

ACTIVITY 1: Introduction to USIM Standards Evolutions

- > Changes in USIM Standards

ACTIVITY 2: Java Card 2.2.1

- > New Features & Logical Channels
- > Remote Method Invocation & SATSA

ACTIVITY 3: Global Platform 2.1.1

- > Reminder: Security Domains
- > New Global Platform (GP) Features
- > Security Domains with Privileges

ACTIVITY 4: ETSI - 3GPP Release 6

- > File Systems & Mechanisms [ETSI 102 221-3GPP 31.101/2]
- > File Administration [ETSI 102 222]
- > Toolkit Evolutions [ETSI 102 223 - 3GPP 31.111]
- > BIP & CAT-TP [ETSI 102 227]
- > Toolkit APIs [ETSI 102 241 & 3GPP 31.130]
- > OTA Secure Remote Management [ETSI 102 225/6-3GPP 31.115/6]
- > ISIM (IMS Subscriber Identity Module)

