



Java 3G Card Administration

Be ready to launch your 3G commercial card-based services

Be ready to launch your 3G commercial card-based services thanks to this 2 days training session including many practical sessions.

Learn how to use Java Card based USIM cards and Gemalto USIM Administration & Simulation Tools.

This training course will allow you to rapidly get to know the main features of these products and begin managing and testing your own applications in a 3G environment.

At the end of the training you will

- > Understand USIM Java Card Architecture & Security
- > Understand Global Platform security features such as Security Domains
- > Be able to load and test card applications using the Gemalto software tools.
- > Understand how to manage 2G/3G files and applets Over The Air (OTA)

Who should attend?

- > Project managers
- > SIM manager
- > Development staff

Pre-requisites:

- > GSM standards ("SIM, STK, OTA Basics" training recommended)
- > 3G standards ("USIM in 3G networks" training recommended)

This course is held in English



PROGRAM

Fundamentals of Telecom Java Card

Introduction

Applet Definition

- > Package
- > Instance
- > Class

Java Card in a nutshell

- > JavaCard Realtime Environment (JCRE)
- > Virtual machine
- > APIs
- > Interoperability

Card Content Management

GlobalPlatform

- > Card Manager
- > Security Domain
- > Secure Channel

Text SMS

- > SMS 23.040 Concepts

Data SMS

- > 23.048 Secured Packets
- > Transfer Mechanism

Remote File Management

- > GSM files
- > 3G files
- > Command set

Remote Applet Management

- > Principle
- > Command Set

Download and installation of 3G Applet

- > GSM parameters
- > Access conditions