

Using Card Admin & Simulation Tools for SIM Management

Get up to speed on (U)SIM card management using advanced Tools from Gemalto

Optimise the management of your **(U)SIM** cards to ease the **deployment** & commercial launch of 2G & 3G **cards & their services**.

This 2-day training session includes many **practical sessions** to help you to rapidly **understand how to use** Gemalto Telecom Card Admin & Simulation **Tools**.



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Training Website

At the end of the training you will

- > Know how to use Card Admin software tool to manage & help validate (U)SIM Card profiles
- > Be able to load and test (U)SIM Toolkit applets using Card Admin & Simulation tools.
- > Be able to simulate the secure management of 2G/3G files and applets Over-The-Air (OTA)

Who should attend

- > Project managers
- > (U)SIM manager
- > Validation teams
- > Development staff

Pre-requisites:

- > GSM standards: 11.11, 11.14, 03.48 ("SIM, STK, OTA Basics" training recommended)
- > 3G standards ("USIM in 3G networks" training recommended)
- > Java SIM Card Architecture & Security ("Java SIM Card Administration" training recommended)

This course is held in English

Key topics

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| <ul style="list-style-type: none"> > (U)SIM File Systems & Commands > File Security (Access Conditions) > UICC/USIM/SIM > Java Card Architecture | <ul style="list-style-type: none"> > Toolkit Applet Management & Testing > OTA Secure Card Management Simulation > 3GPP TS 23.048 > Remote File Management > Remote Applet Management |
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Day 1	Practice
<p>Role of the SIM Card in your mobile environment</p> <ul style="list-style-type: none"> > Basic functions of the SIM > Subscriber Identification & Authentication in the GSM network > Basic Services provided by the SIM > Value Added Services (VAS) in the SIM <p>(U)SIM Card File Systems, Access Conditions, File Content</p> <ul style="list-style-type: none"> > Practical 1: Using tools for <ul style="list-style-type: none"> o 2G File Management > Practical 2: Using tools for <ul style="list-style-type: none"> o 3G File Management & Advanced Phone Book > Practical 3: Generate APDU scripts, <ul style="list-style-type: none"> o File Content Reports & Card Typing for non-Gemalto cards <p>(U)SIM Java Card Architecture & Applets</p> <ul style="list-style-type: none"> > Practical 4: Card Applet scanning 	<ul style="list-style-type: none"> - Explore & Manage the files and content of (U)SIM cards - Generate Content Reports - Card typing for non-Gemalto cards - Explore the architecture of a Java (U)SIM card

Day 2	Practice
<p>STK Applet Management & Installation Parameters</p> <ul style="list-style-type: none"> > Practical 5: SIM Toolkit applet loading & Testing <p>OTA Security for remote card management</p> <ul style="list-style-type: none"> > Practical 6: Test 23.048 parameters with OTA simulation tools <p>Remote Managers (RFMs & RAM)</p> <ul style="list-style-type: none"> > Practical 7: Remote File & Applet management using OTA tools 	<ul style="list-style-type: none"> - Applet Management: Download an STK applet - 23 048 management - Manage minimum security level - Select, Read, Update GSM & 3G files OTA - Delete applets and retrieve memory amount