



Advanced OTA Platform - Administration

Everything you need to get the most of your Advanced OTA solution

Having an **Advanced Over The Air (AOTA)** platform, is your gateway as a Telecom Operator, for supplying Value Added Services (VAS) to your many existing subscribers and also gaining new ones.

Keeping your AOTA **system running at its optimum performance level** is a must.

With downtime and system hang ups always being a major concern, what is needed is a course on administration principles and to give **practical advice on the AOTA platform**.

At the end of the training you will:

- > Understand Solution architecture
- > Control and Manage the multiple users on the platform
- > Administrate & maintain a fully functional OTA platform.
- > Manage billing facilities.
- > Have an overview on the card provisioning.
- > Know how security is managed
- > Know to do to basic troubleshooting

Who should attend?

- > System Administrators
- > SIM Managers
- > VAS Manager
- > Project team

Pre-requisites:

- > Unix
- > GSM SIM Card Structure
- > ETSI & GSM Standards
- > Mastering UICC card for LTE networks course

This course is held in English



PROGRAM

Solution Architecture

- > Overview
- > Detailed solution architecture
- > Modules roles and interactions
- > Monitoring & Backup
- > Database
- > 3rd party products

Remote UICC Manager (RUM) Overview

- > Overview
- > What is in RUM
- > Dependencies

Session Triggering Helper (STH)

- > Overview
- > Use cases
- > Mechanism & Flows
- > Monitoring
- > Configuration
- > Practicals:
 - o Flow descriptions
- >

System user & profile accounts

- > Profile management
- > User management
- > Workspaces tools
- > Practicals:
 - o Profile and user management for SCI

SCI Parameters Configuration

- > Card provisioning steps
- > UICC Repository

Platform Management

- > Audit Trail
- > Billing
- > SNMP
- > Logging
- > Registry
- > Monitoring

Troubleshooting

- > Logs and trail management
- > Troubleshooting
- > Practicals:
 - o Troubleshooting (Log and trail analysis)

Security Management

- > Solution overview
- > Global use case
- > Master Key Management (Keys Ceremony)
- > Perimetric Authentication Framework (PAF) & User Repository Service (URS) Security

