

# R-UIM Cards in CDMA Networks

**Objectives:**

At the end of this course you will:

- ✦ Know how to use the card administration tools to manage & help validate R-UIM Card profiles.
- ✦ Understand how to explode the R-UIM card as a VAS platform using CCAT – UTK.
- ✦ Understand how to perform Remote Administration of the R-UIM parameters.
- ✦ Understand what are the coming evolutions around this technology

**Key Topics:**

- ✦ R-UIM File Systems & Commands
- ✦ File Security (Access Conditions)
- ✦ CCAT, UTK
- ✦ OTAF (OTAPA/OTASP)
- ✦ Roaming in GSM

**Who should attend:**

- ✦ Project managers
- ✦ R-UIM manager
- ✦ Validation teams



Optimise the management of your R-UIM cards to ease the commercial launch of CDMA cards & their services. Take the most from the R-UIM platform in a CDMA – GSM environment

This 2-day training session includes many practical sessions with CDMA Cards & Card administration tool

**Each training session consists of:**

- ✦ A complete course manual
- ✦ Practical exercises

**Pre-requisites:**

- ✦ This course requires participants to have a basic knowledge of the following technologies:
  - CDMA Networks
- ✦ This course is held in English

**Duration:** 2 Days

**Course fee:**

Please refer to regional schedules on [www.gemalto.com/training](http://www.gemalto.com/training) or contact us: <http://www.gemalto.com/training/contact.html>

**Location:**

Gemalto Training Centers. For on-site training, please contact us.



## Course Schedule:

Day 1	Practice
<p>Introduction to CDMA</p> <ul style="list-style-type: none"> <li>+ Wireless Technologies</li> <li>+ CDMA Technology</li> <li>+ Standards</li> </ul> <p>R-UIM Basics (C.S0023)</p> <ul style="list-style-type: none"> <li>+ R-UIM card Architecture / Basic procedures</li> <li>+ Subscriber Identification &amp; Authentication on the CDMA network</li> <li>+ GUIMID</li> <li>+ R-UIM Card Commands</li> <li>+ Basic profile example</li> </ul> <p>R-UIM and VAS (CCAT – UTK)</p> <ul style="list-style-type: none"> <li>+ CCAT Standard (C.S0035)</li> <li>+ UTK</li> <li>+ CCAT vs UTK</li> <li>+ Real use cases</li> </ul> <p>CDMA Data networks and the R-UIM</p> <ul style="list-style-type: none"> <li>+ EVDO and the R-UIM role</li> <li>+ SimpleIP and the R-UIM role</li> <li>+ MobileIP and the R-UIM role</li> </ul>	<p>Explore &amp; Manage the files and content of R-UIM cards</p> <p>Test the authentication method of the card and the CDMA network</p> <p>Identify the main R-UIM files</p> <p>Demo about CCAT/UTK applet Loading an applet to the R-UIM Card</p> <p>Browse the R-UIM files needed and perform the authentication for these use cases</p>

Day 2	Practice
<p>CDMA Remote Management</p> <ul style="list-style-type: none"> <li>+ OTAF (OTAPA/OTASP) mechanism</li> <li>+ OSMS mechanism</li> </ul> <p>Roaming: Introduction to GSM</p> <ul style="list-style-type: none"> <li>+ 2G GSM Technology</li> <li>+ 2G Standards</li> <li>+ Authentication (parameters needed)</li> <li>+ GSM Features: STK, OTA Capability</li> </ul> <p>What's next?</p> <ul style="list-style-type: none"> <li>+ CSIM Application</li> <li>+ AKA process for CDMA (WCDMA Roaming)</li> <li>+ Enhanced Phonebook</li> <li>+ ISIM for CDMA</li> </ul>	<p>Perform OTAF updates using the OTAPA/OTASP Simulator</p> <p>Explore the GSM file system Perform GSM authentication</p>