



Understanding ISIM Cards for IMS Networks

Open up your services to the PC world, securely and simply

IMS is the network architecture that will shortly allow **convergence** between mobile and fixed networks.

Understanding the overall architecture, protocol, and security around the **ISIM smart card**, will allow you to anticipate future service opportunities.

This training course provides an overview of the IMS network, including use cases and details on the **role that the UICC plays**.

At the end of the training you will:

- > Have a clear understanding of what is IMS
- > Understand the Role that ISIM plays in an IMS
- > Have real examples of what can be done with IMS

Who should attend?

- > Technical Marketing
- > R&D Managers
- > Project Managers
- > IT Managers
- > Development Staff

Pre-requisites:

- > Basic understanding of IP protocol & network

This course is held in English



PROGRAM

Introduction

IMS Overview

- > Long Term Evolution.
- > Voice over LTE.
- > IMS Advantages.
- > IMS Authentication Methods.

SIM Concepts Review

- > Main Standards.
- > Files & Access Conditions.
- > Parameters.
- > Card Admin.

ISIM Authentication

- > USIM / ISIM authentication parameter sharing
- > The Milenage Algorithm.
- > GBA: Generic Bootstrapping Architecture.

ISIM File Configuration

- > ISIM Service Table.
- > ISIM Mandatory Files
- > GBA Files.
- > SMS Files.
- > Other Files.

Rich Communication Suite Overview

