

Training program

- ISO 14443 Technical Training -

This training aims at describing the proximity contactless standard defined in ISO 14443 specification.

Previous knowledge

A knowledge of Smart Card technology would be useful

Targeted audience

Any people who wants to understand the contents of the ISO 14443 specification

Duration

2 days

Content

- Overview of the ISO contactless standards (ISO 10536, 15693 and 14443 with associated 10373-6)
- Description of the analog/RF part of ISO 14443
 - RF operating field and frequency
 - Communication signals Type A and B: bit rate, modulation and load modulation, bit coding for PICC and PCD
- Description of the digital part of ISO 14443
 - Polling
 - Initialization and anti-collision Type A and B
 - Contactless protocol
- Coverage of the specifications Mifare, ICAO and PayPass according to ISO 14443

During training various real traces will be analyzed by the attendees thanks to a dedicated tool called *SCRIPTIS RF Viewer*.

