

# Training program

## - EMV Specifications -

This training aims at describing the technical process of an EMV transaction starting from the exchange between card and terminal up to the communication with the authorization server.

### Previous knowledge

A knowledge of Smart Card technology would be useful

### Targeted audience

Any people who wants to understand EMV possibilities and constraints

### Duration

2 days

### Content

- EMV objectives
- Content of the EMV specifications
- EMV commands
- Files structure
- EMV transaction flow
- Application selection
- Security mechanisms: SDA, DDA and CDA
- Cardholder authentication
- Issuer and acquirer risk management
- "Script processing" description

During the training, practice is performed using an EMV simulator (terminal and issuer simulation with use of real EMV cards).

