

Training program

- EMV Level One -

The EMV specifications have been divided in two levels by EMVCo: EMV "Level 1" and EMV "Level 2". This training aims at describing the technical information covered by EMV "Level 1": mechanical characteristics, electrical characteristics and protocol interface.

"Level 2" is the application level and it is covered by another training called "EMV Specifications".

Previous knowledge

A knowledge of Smart Card technology would be useful

Targeted audience

Any people who wants to understand EMV Level 1 coverage.

Duration

½ day

Content

- Mechanical characteristics for card and terminal
- Electrical characteristics for card and terminal
- Protocol interface
 - Activation and deactivation sequence
 - Bit duration
 - Character frame
 - Structure of an ATR
 - Detailed description of the bytes contained in an ATR
 - Protocols description (T=0 and T=1)

