**BECOME AN EXPERT IN EMV CONTACTLESS SPECIFICATIONS**

This training course delivers an overview of EMV contactless technology and the transaction flows of the EMVCo's EMV Contactless Book C-2 Kernel 2 (Mastercard) and EMV Book C-3 Kernel 3 (Visa) specifications.

### OBJECTIVES

- Understand the transaction flows of EMVCo's EMV Book C Kernel 2 & 3 specifications.
- Learn about the specificities of each kernel.
- Analyze user experience feedback.

### KEY TOPICS

- EMV Contactless Book C-2 Kernel 2 (Mastercard).
- EMV Contactless Book C-3 Kernel 3 (Visa).
- EMV transaction flows.
- Online processing.

### AUDIENCE

- Acquiring banks
- Merchants
- Project managers
- Technical experts

### PREREQUISITES

Prior knowledge / experience of the banking industry and awareness of the four-party scheme. In addition, EMV contact specifications training would be an advantage.

### PRICE

Visit our website for more information about our training offer. For any specific requests, please contact your sales representative.

### DURATION

2 DAYS

### LOCATION

Customer’s premises or FIME agency

### LANGUAGE

English (local language may be available on request)
INTRODUCTION TO EMV CONTACTLESS SPECIFICATIONS

Introduction
• Contact Book 1-4 (reminder).
• Contactless Book overview (A-D).

Contactless EMV
• Basic transaction (1st approach C2).
  - One GENAC1.
  - Switch interface.
  - CVM (CD CVM).
  - ODA (Online ODA).
  - MSD.
  - Mobile.

Books A & B
• Entry Point (diagram and flow of the four steps) - output.
• SELECT PPSE.
• Kernel ID.
• Different start in Entry point.

FOCUS ON BOOK C-2 KERNEL 2 AND BOOK C-3 KERNEL 3

Book C-2 Kernel 2 (Mastercard)
• AIP.
• MSD (CVC3 + insertion track 1 / 2).
• EMV (including CVM).

Book C-3 Kernel 3 (Visa)
• AIP.
• Form Factor Indicator.
• MSD (dCVV).
• EMV (CVM / CTQ).

Online processing
• MSD.
• EMV.

User experience
• Terminal LEDs and BIP.
• 2nd tap (Visa, D-PAS and mobile).

RELATED TRAININGS

Newcomer | Advanced | Advanced | Advanced | Expert
---|---|---|---|---
EMV PAYMENT ECOSYSTEM INTRODUCTION | EMV MIGRATION | TERMINAL LEVEL 3 MASTERCARD | TERMINAL LEVEL 3 AMERICAN EXPRESS | EMV CONTACT SPECIFICATIONS
TERMINAL LEVEL 3 VISA | TERMINAL LEVEL 3 UNIONPAY | | EMV CONTACTLESS SPECIFICATIONS PART 1 | BCK2 & BCK3
TERMINAL LEVEL 3 DISCOVER | TERMINAL LEVEL 3 TROY | | EMV CONTACTLESS SPECIFICATIONS PART 2 | OTHER KERNELS