



Executive EMV & Contactless Course Outline

The B2 Executive EMV & Contactless Training Course is conducted over a full day and contains comprehensive overviews of both EMV contact and contactless transactions. Throughout the day topics such as industry insight, best practices, domestic and global trends will be used to convey the impact of this technology on your organization. Knowledge gained can be directly applied to your current decision-making processes and business objectives.

Duration: 1 day

Intended Audience

The B2 Executive EMV & Contactless Training Course is suitable for people with either a business focus and/or a more technical oriented focus. The subjects will be presented and discussed in non-technical terms and will be relevant for anyone that wants to know more about EMV and Contactless.

To attend the B2 Executive EMV & Contactless Course, no special skills or expertise are required. Basic knowledge of financial transaction systems is an advantage.

INTRODUCTION TO EMV & CONTACTLESS

This presentation starts with a short introduction on what EMV is and the issues around fraud in the payment industry that lead to this change. Through the presentation the attendees will get a better understanding of the various fraud issues and how EMV should not be looked at as a goal but rather used as an instrument. Following the EMV introduction, Contactless and Mobile payments will be overviewed with some of the main topics covered being:

- » What is contactless technology?
- » What is NFC?
- » Why contactless?
- » Contactless brands and "flavors".

EMV & CONTACTLESS SPECIFICATIONS, TESTING AND CERTIFICATION

A look at the various specifications, the testing and certification processes. The focus in this presentation will be on the payment application on both the terminal and the card and how they are perceived through the eyes of EMVCo. This presentation includes:

- » EMV terminal certification (Level 1 & 2)
- » EMV Entry Point certification

CORPORATE HEADQUARTERS

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- » Terminal brand approval - testing and certification
- » Tools and cards needed for the testing and certification of the various schemes
- » Relationship between the EMV specifications and the specifications of the payment schemes (e.g. VIS1.4.0, M/Chip 4 etc.)
- » Relationship between the EMV specifications and the contactless specifications of the payment schemes (e.g. VIS1.4/1.5, M/Chip 4/Advance etc.)

EMV FUNCTIONAL TRANSACTION FLOW

This presentation explains in clear, non-technical terms the 'EMV transaction flow'. During this presentation, many aspects of EMV payment schemes will be put in perspective, such as:

- » How does EMV handle offline and online transactions? What are the advantages and disadvantages?
- » What is issuer scripting? When can it be used?

CONTACTLESS FUNCTIONAL TRANSACTION FLOW

This presentation explains in clear, non-technical terms the 'Contactless Transaction Flow'. During this presentation, many aspects of Contactless payment schemes will be put in perspective, such as:

- » Magstripe vs. EMV grade contactless
- » Functional differences between payWave, PayPass and Expresspay

SECURITY FEATURES WITHIN EMV

Topics covered include:

- » Does EMV really protect us against skimming and Counterfeit fraud?
- » What security measures can be taken?
- » What is issuer scripting? When can it be used?

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