

# Contactless Payment Technology Seminar



Contactless payment is expected to become one of the dominant modes of transaction within the next couple of years with already large deployment in the US, numerous projects in Asia and pilots in Europe.

During this one-day seminar using examples already in the field, you will study contactless initiatives (MasterCard PayPass, Visa Contactless, Express Pay...), understand the basics of the technological aspects (ISO 14443, difference between type A and B, security level...) and focus on the main challenges when launching a contactless payment program.

## Objectives

At the end of the training, you will:

- > Understand the basics of contactless technology
- > Have an overview of the current contactless payment programs
- > Evaluate the impact of contactless migration
- > Identify and quantify the tasks needed to launch a contactless payment program

## Key topics

- > ISO 14443, Type A and B
- > Contactless payment
- > PAYPASS, VISA WAVE, VISA contactless, EXPRESS PAY...
- > Contactless security
- > Interoperability
- > EMV and magstripe infrastructure
- > Impacts and scenarios of migration

## Who should attend

People involved in the smart card activity:

- > Marketing managers
- > Technical project managers
- > Banking Project managers
- > Product Managers

## Each session consists of

A complete course manual

## Pre-requisites

- > Basic knowledge about smart cards.
- > This course is held in English. On customer request a session in French can be organized.

**Duration:** 1 day

**Location:** Gemalto premises<sup>1</sup>

**Course fee:** € 1049 per person<sup>2</sup>

<sup>1</sup>All training courses can be held on-site at customer premises, or at one of the Gemalto training centers. Please contact us for more details.

<sup>2</sup> Price does not include any taxes

## Course schedule

When performed at customer premises, the agenda is tailored to customer attendance profile. The standard agenda is provided below:

### AGENDA

#### Contactless technology

- > Introduction to contactless
- > Contactless cards how do they work?
- > ISO 14443 standard
- > Production of contactless cards

#### Presentation on the main contactless payment programs

- > Introduction to contactless payment trends
- > MasterCard Paypass,
- > Visa Quick VSDC and Visa Wave
- > American Express, Express Pay
- > Impacts on existing infrastructure

#### Contactless payment hot topics

- > Ergonomics
- > Security
- > Card risk management
- > Interoperability
- > Certification process
- > Multi-application
- > Scenarios of migration

#### Conclusion

## Related courses

EMV Business  
Impacts  
(B1001I)

Mastering EMV  
Implementation  
(B1002I)

EMV Migration  
for Issuers  
(B1003S)

Contactless  
Payment  
Technology  
(B1021S)

For further information about registration, course schedule:  
please contact us via email to: [banking.training@gemalto.com](mailto:banking.training@gemalto.com)  
or visit our web site: <http://www.gemalto.com/>