Non-face-to-face EMV Authentication Method Seminar

Online Banking is strategic for banks, reducing drastically transaction costs in comparison to branches or ATM. With more than 230 million of users in 2006, online Banking meets a tremendous success among both the consumer and corporate market. However, banks and their customers are faced with an increasing online fraud (viruses, phishing, etc.) encouraged by the minimal security of static password for user authentication. For preventing this fraud, International Payment Schemes have a solution using an EMV card.

During this one-day seminar you will study Authentication Method implementation based on usage of an EMV card defined by International Payment Schemes (MasterCard CAP, Visa DPA)

Objectives

At the end of the training, you will:

> Have an overview of the One Time Password implementation based on EMV card defined by MasterCard and Visa

Key topics

> MasterCard Chip Authentication Program (CAP) specification
> Visa Dynamic Passcode Authentication (DPA) implementation
> Impacts and scenarios of migration

Who should attend

People involved in the smart card activity, online banking activity and financial transaction security:

> Marketing managers
> Technical project managers
> Banking Project managers
> Product managers
> Security 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[1]

Course fee: € 699 per person[2]

[1]All training courses can be held on-site at customer premises, or at one of the Gemalto training centers. Please contact us for moredetails.

[2] Price does not include any taxes

gemalto

security to be free

Course schedule

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

AGENDA

Business needs of security improvement for non-face-to-face transactions

General overview of EMV-based Authentication Method solution defined by International Payment Schemes

> Review of the options supported by EMV-based Authentication Method solution defined by International Payment Schemes
> EMV-based Authentication Method usage for improving security of E-Banking
> EMV-based Authentication Method usage for improving security of E-Commerce

Detailed analysis of the EMV-based Authentication Method algorithm

> Analysis of the algorithm defined in the MasterCard CAP specifications (reference document to the Visa DPA implementation)
> Review of the CAP/DPA parameters (IAF and IPB) involved in this algorithm

Impact analysis on Bank IT Infrastructure
> Analysis of the impacts on Card Issuance System
> Analysis of the impacts on Bank Authentication System for E-banking and E-Commerce

Conclusion

Related courses

EMV Business Impacts (B1001l)	Mastering EMV Implementation (B1002l)	EMV Migration for Issuers (B1003S)	Non-face-to-face EMV Authentication Method (B1022S)

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

gemalto
security to be free