

Classic Client Software Integration

This training course will allow you to understand what Classic Client Software is and what it provides. You will learn the theoretical aspects of the integration of the middleware in a PKI environment and put this in to practice by setting-up a full virtual corporate environment.

You will put in place Smart Card logon infrastructure, secure email exchange, secure web site access, remote computing, VPN...



At the end of the training you will

- > Have detailed knowledge of Classic Client Software
- > Have discovered the tools provided with Classic Client Software
- > Know how to integrate the Classic Client Software in a complete PKI environment
- > Have done the deployment of a corporate PKI in a virtual environment
- > Understand what is Classic Client PKCS#11 and CSP API
- > Know which smart cards can be used with Classic Client Software

Who should attend

- > Technical Project Managers
- > Operation & IT Managers
- > Integrators

Pre-requisites:

- > This course requires attendees to have a good knowledge of:
 - > Cryptographic basis and PKI
 - > Microsoft Windows environment
 - > Microsoft PKI, Active Directory
- > This course is held in English. It can be presented in French on request.

Key topics

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| <ul style="list-style-type: none"> > PKI > X.509 Certificates > RSA Keys > PKCS#11 > CSP | <ul style="list-style-type: none"> > MS Server 2003 > Smart Card Logon > SSL / Secure Web Access > Secure email exchange > RDP/ICA > VPN / EAP-TLS |
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Day 1

Classic Client Overview

Classic Client Main Features

- > Smart Card logon
- > Secure email exchange
- > Secure web access

Classic Client Toolbox

- > Overview
- > Smart Card content
- > PIN Management
- > Diagnostic
- > Create & deploy user packages

Microsoft PKI basics (with Microsoft Windows Server 2003)

- > Certification Authority & Smart Card logon

TPC Smart Cards

- > Standard Offer
- > Non Standard pre-personalization
- > Common Criteria
- > Classic applets

Practices:

- > Install Classic Client Standard Edition.
- > Create & deploy Classic Client user packages
- > Enable Smart Card Logon on Windows Server 2003 domain
- > Configure and use secure email exchange

Day 2

Microsoft PKI advanced features

- > Smart Card autoenrollment
- > Smart Card removal behavior
- > Forcing the usage of smart card

Remote computing and Classic Client

- > Terminal Server and Citrix

Classic Client PKCS#11

- > Overview and usage

Classic Client CSP

- > Overview and usage

Virtual Private Networking and Classic Client

Practices:

- > Configure Smart Card autoenrollment and other features
- > Use smart card with Terminal Services
- > Securing web site access with Smart Card
- > Securing VPN with Smart Card.