

Infineon SICRYPT® CSP User Card

Smart Card Security for Microsoft® Windows 2000® / Windows XP®



- >> the easy entry to the security-token enabled Microsoft® Windows 2000® / Windows XP® Public Key Infrastructure
- >> ready to use multi application ISO compliant crypto smart card
- >> open smart card platform for self designed software applications through SDK

Features

Infineon SICRYPT CSP software technology together with the Infineon smart card security controller family SLE66P provide a highly secure solution for the MS Windows 2000/XP Public Key Infrastructure (PKI). This technology can be implemented on smart cards as well as in USB-Tokens.

What is SICRYPT all about?

- SICRYPT is a general purpose operating system with a file system according to ISO 7816-4 and PKCS #15
- available with T=1 and T=CL protocol
- offers SCA-85, DES, 3DES, RSA, SHA-1 and ECC algorithms
- all common PC based applications (logon, counter, boot protection, challenge response authentication).
- available as SAM (Security Access Module)

Integration

- full support of Microsoft Windows 2000 and Windows XP Public Key Infrastructure
- a plug and play solution part of the Microsoft Windows XP standard package
- a CSP compliant to Microsoft's Smart Card Cryptographic Provider (SCCP) requirements
- PKCS #11 Module available (third party software)

Applications

- public key interactive logon (Kerberos)
- client authentication (SSL)
- secure email (S/MIME) with encryption and signature
- PC-Logon, PC Lock boot protection, counters and freely useable data fields (e.g. for biometric information).

Further information

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