



## Cryptoflex for Windows 2000/ Windows XP

Smart cards and  
readers ready  
to use with  
Windows 2000/  
Windows XP

### Access

Finance

Mobile Communications

Public Sector

Public Telephony

Transport

### Product Range



axalto

# Cryptoflex for Windows 2000/Windows XP

## Smart cards and readers ready to use with Windows 2000/ Windows XP

- Secure portable storage of user certificates and credentials
- Secure logon, e-mail, web access and VPNs
- User auto-enrolment enabled with Windows XP

As more and more business transactions are performed over corporate and public networks, the need to secure information is never greater. Systems for authentication, privacy and protection must be continually improved. Windows™ 2000 represents a major breakthrough for network security, combining an integrated public key infrastructure (PKI) and full support for smart cards.

### ⇒ Built to make Windows work more securely for you

Cryptoflex\* for Windows 2000 and Cryptoflex for Windows XP were especially designed by Axalto to enhance security solutions such as client authentication, logon and secure e-mail. Thanks to Cryptoflex' PC/SC standard middleware and Reflex\* drivers that are already integrated into Windows 2000 and Windows XP, you can now enjoy all the security benefits of Windows 2000 and Windows XP platforms. No extra software is required.

### ⇒ Secure and user-friendly

Secure logon: Cryptoflex enables secure logon and replaces the password system and its low level of security. There's no longer a password to remember, just a PIN. You can also set Windows 2000 or Windows XP so that removing the card either locks the computer or logs out the user. That way, your personal information and corporate network are more secure and better protected. Secure e-mails: Cryptoflex is fully compatible with Outlook™ for digital signature and e-mail encryption. The card ensures the confidentiality and integrity of your messages over the network.

It provides:

- Confidentiality: unauthorized individuals cannot read your e-mails
- Integrity and non repudiation: e-mails are not altered during transmission
- Authentication: the identities of both the sender and receiver can be verified

VPN and secure Web access: thanks to its cryptographic capacity, Cryptoflex enables users to secure VPNs (Virtual Private Networks) and Web access through SSL or TLS.

Cryptoflex is a way of creating new secure communication networks over the Internet, slashing private network management costs.

### ⇒ Portable security

Cryptoflex for Windows 2000 and Cryptoflex for Windows XP enable you to carry your digital identity with you.

Both cards add further security to the PKI that Microsoft has integrated, because they store the private key and the certificate and protect them by a PIN.

### ⇒ Cryptoflex for Windows XP – another step forward

Cryptoflex for Windows XP combines all the power of the Windows 2000 with new value-added functionalities. Automatic certificate creation and recording allows easy user auto-enrolment and auto-renewal of certificates, delegated enrolment and manual certificate requests. This is going to drive down certificate management costs and increase ease of implementation along with user independence.

Whatever the platform, whatever your needs, choose Cryptoflex for Windows 2000 or Cryptoflex for Windows XP and you can plug easily and cost-effectively into the best cryptographic service offer on the market today.

### Cryptoflex for Windows 2000

- Plug & Play with Windows 2000
- Crypto-processor
- 8 Kbytes of EEPROM
- ISO 7816 compliant
- PC/SC compliant
- RSA 512, 768, 1024 signature calculation
- DES and Triple DES (64, 128 bit key length)

### Cryptoflex for Windows XP

- Plug & Play with Windows XP
- Crypto-processor
- 8K bytes of EEPROM
- ISO 7816 compliant
- PC/SC compliant
- RSA 512, 768, 1024 signature calculation
- DES and Triple DES (64, 128 bit key length)

### Reflex 20 V2

- Plug & Play with Windows 2000/Windows XP
- PCMCIA interface
- PC/SC compliant

### Reflex 72 V2

- Plug & Play with Windows 2000/Windows XP
- RS232 connection
- PC/SC compliant

### Reflex USB V2

- Plug & Play with Windows XP
- USB connection
- PC/SC compliant

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