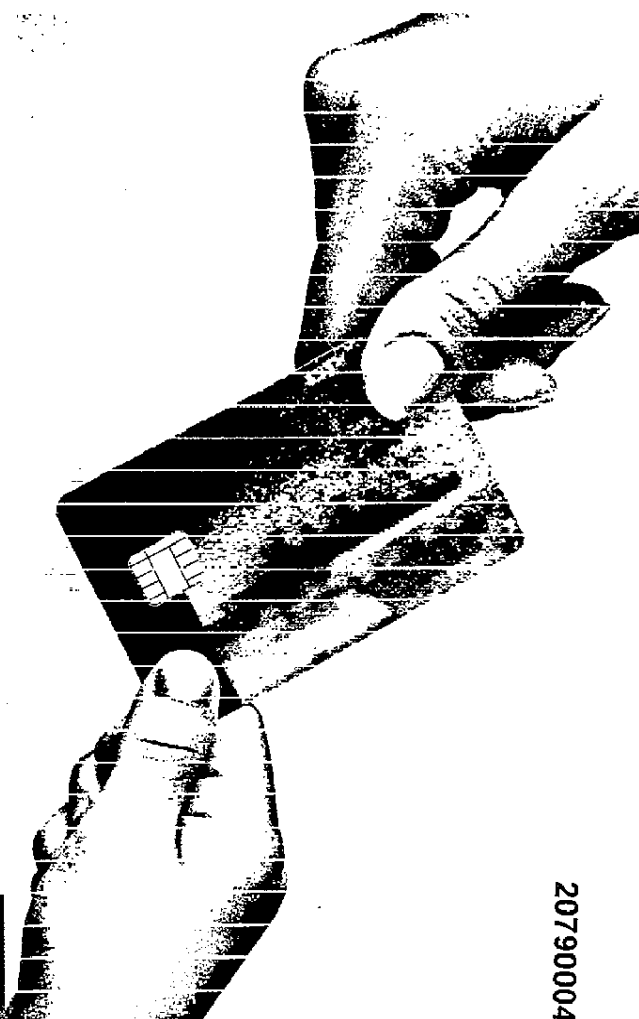
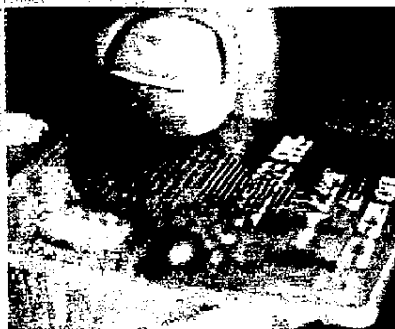
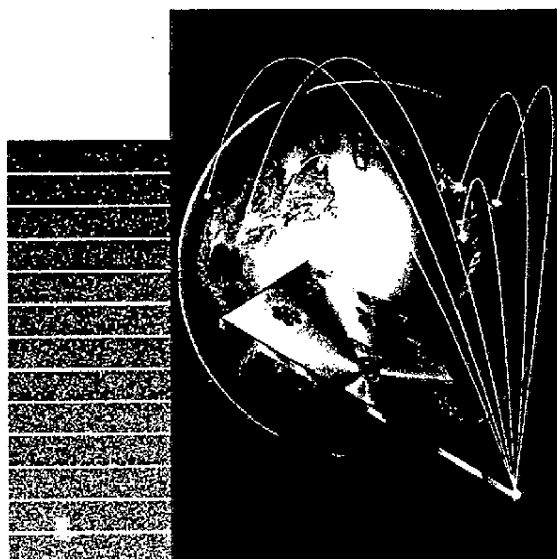


# Cryptoflex

Card with 1024 bit RSA engine.



- Cryptoprocessor card
- RSA and Triple DES
- ISO 7816-1/2/3/4 compliant

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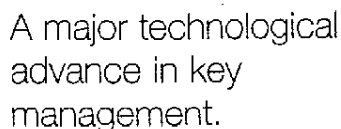


Access security for your network.

You want a very high level of security for all electronic transactions, whether involving the Internet, your intranet, bank networks, or others. But what you don't want is complicated key management.

A unique level  
of security.

The Cryptoflex operating system uses the DES, Triple-DES and RSA algorithms of the cryptoprocessor to protect your application's data. Cryptoflex's highly advanced command set, which includes an authentication process, secret code management, and electronic signature, ensures total integrity at the heart of your application. The use of 1024 bit RSA keys guarantees fail-safe security. Cryptoflex offers the ideal solution for protecting your electronic transactions.



Cryptoflex comprises a microprocessor and mathematical cryptoprocessor, bringing you all the benefits of the latest generation of smart cards.

Cryptoflex offers a secure database – with binary, linear, variable linear and cyclical files – that can be used for applications such as identity or health cards, or for computer network security. Its calculating power enables the latest public key algorithms to be used, greatly facilitating the manage-

ment of keys at system level. With its command set compliant with ISO 7816-1/2/3/4 international standards, Cryptoflex offers all the most recent technological advances in smart card technology.

Launch your application.

Cryptoflex can adapt entirely to your specifications due to its dynamic and logical memory management system using directories, sub-directories and so on. Its compliance with the ISO 7816-4 standard makes Cryptoflex the ideal platform for managing several applications in total security.

## Components

- Microprocessor and cryptoprocessor
- 4K bytes EE prom
- Single 5V power supply
- 10-year data retention

Card body

- Embossable
- Magnetic stripe and signature panel on option
- Personalization or number serialization by thermal or laser printers

## Operating system

- ISO 7816-1/2/3/4 compliant
- Management of X.509 compliant certificates
- T=0 protocol
- Dynamic and logical management of data files
- Data protection (PIN, secret keys, mutual authentication, etc.)
  - DES, Triple DES and RSA 1024 algorithms (RSA 512 and 768 on option)
- RSA signature calculation
- RSA signature verification
- RSA internal key generation
- Secure generator of random numbers
- RSA multiple key management
- Compatible with Multiflex range (3K and 8K)

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