



Protect for WindowsTM

ProtectTM is an easy to use yet complex security solution designed for protection of sensitive company and personal data.

The security functions of **ProtectTM** consist of the following modules:

- Encryption module
- Identification/Authentication module
- Digital signature module

Identification/Authentication Module

The I/A module of **ProtectTM** allows users to logon securely to Windows operating systems with personal hardware security devices such as Smart Cards, Security Boxes, Touch Memory etc. Hardware devices are used to store user name and password (domain). The I/A module of Protect uses this information to log a user on by standard Windows means. Therefore this technology does not require any server side modification.

The I/A module of **ProtectTM** is implemented as the special DECROS dGina module replacing the standard Microsoft Gina logon module under WindowsNT, or as the special DECROS client under Windows95/98.



DECROS[®]
... pro klid Vašich informací



Key Features:

- Secure logon through hardware tokens
- Locking/unlocking the computer
- Support of wide range of hardware tokens
- Access to tokens protected by PIN

Benefits:

- Allows for the use of strong passwords
- Logon passwords are no longer typed on a keyboard
- Logon without a tokens is optionally forbidden
- Optional loading keys for Protect™ encryption module during logon
- Safe storage of user credentials
- Central administration of all tokens
- User friendly and easy to manipulate

Supported hardware tokens:

Hardware tokens are used for the safe storage of user credentials, encryption keys, and other secret information. Access to this information is conditioned by a token ownership and the PIN knowledge. The contents of tokens can be managed by a single user or centrally administrated.

Smart Cards

DECROS supports several types of smart cards and any type of smart card reader supporting the PC/SC standard. Examples of currently used Smart Cards and smart card based products:

DECROS Card PKI

Identification/Authentication, encryption key storage, digital signature support

ActivCard Gold

Special Smart Card smart card-based Digital Identity™ technology developed by ActivCard S.A.

Integrated through ACPKCS#11

Memory capacity: 20 encryption keys (80-bit length)

BrainCard

Developed by Braincon

Memory capacity: 16 encryption keys (80-bit length)



Security Box

A unique HW device, developed by DECROS

Driven by a monolithic microcomputer

Highly tamper-proof

Models: - Security Box RS - for standard serial ports

- Security Box IR - using infrared interface for communication with a computer.

- ideal for laptops equipped with Infrared ports



Touch Memory

Memory chip produced by the Dallas Semiconductor company

Physically resistant

Data retention guaranteed for more than 10 years

Memory capacity: 3, 15 or 63 records



Security Card

8-bit add-on ISA card developed by DECROS

PC compatible

Boot protection, boot-time access control, independent audit

Customisation

Any other smart token can be integrated on demand of a client. Accordingly, DECROS supported tokens can be offered for integration into third party applications (building access systems, payment systems etc.) using DECROS SAPI interface.

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Security to fit your Information System