

secure protection of desktop/laptop systems

Control
Sphere



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ControlSphere

ControlSphere is a security solution for Desktops and Laptops in NT, 2000 and XP environments, consisting of a software component bundled with a smart card based token which enables secure authentication for the PC, automatic management of one's own (system and application) passwords and encryption of files or folders.

Functionalities

- Secure Logon to PC
- Storage of User's credentials
- Password Management
- User Password Database and Password Automation
- Single Sign-On Automation
- File and Hard-Disk Encryption with AES 256 bit
- Temporary file protection
- Digital certificate storage
- Token backup

- 1** Safe filing of single and multiple Windows accounts (user name - domain - password) on a safe token enabling access to the workstation only through a correct User PIN.
- 2** ControlSphere supplies a further Single-Sign-On functionality for Windows internal authentication operations.
- 3** A smart token can automatically generate new User's passwords without involving the User or implying a Windows update.
- 4** A Database for the Management of Passwords ensures the User a secure area for the storage, update or recovery of passwords.
- 5** ControlSphere can automatize password research procedure for many Windows and web applications.
- 6** ControlSphere can automatize the input of DialUp/VPN accounts and file them on the token.
- 7** ControlSphere enables the User to generate one's own encrypted partitions and supports on-the-fly encryption with AES 256 bit algorithm.
- 8** In addition to the possibility of mounting encrypted volumes manually, ControlSphere offers the automatic mounting of logon-preconfigured encrypted volumes with token or during the computer deprotecting phase.
- 9** ControlSphere introduces the so-called User Home Drive, an encrypted drive that safely maps the whole User environment and relevant nested folders.
- 10** ControlSphere also secures User sessions employing temporary files and information by integrating itself with the system and replacing the temporary folder path with an encrypted volume.

Peculiar features:

Versatility: The ControlSphere package guarantees data integrity and confidentiality, non-repudiability of contents and authenticity of the parties involved in communications that are implemented with information tools.

Embedded security: ControlSphere exploits all security features of USB Cryptoidentity token in the models: 5, 2048, ITSEC-I, ITSEC-P and FIPS.

User-friendliness: With ControlSphere the concept of "one key security" is accomplished; indeed, this software has been developed for offering the customer a user-friendly turnkey solution.

Technical specifications:

Software:

Operating systems: Microsoft Windows NT4, 2000 (SP3 or higher) and XP (SP1 or higher)

Applications: Adobe Acrobat, VPN clients, Microsoft Internet Explorer, Microsoft Outlook and Lotus Notes 6.0.1 or higher

USB key (Cryptoidentity 5, 2048, ITSEC-I, ITSEC-P, FIPS):

Operating systems: Microsoft Windows 98/ME/NT/2000/XP

Standard: ISO 7816 3-4, PKCS#11, PC/SC, Microsoft CAPI, S/MIME, IpSec/IKE, X.509 v3

Memory on board: 32/64KB

Cryptography: RSA 1024/2048 bit

Security: SO and user PIN, on board signature and generation of cryptographic keys

Interface: 2.0 Full Speed

LED: green (power on/connected)
orange/red (access to data)

Transfer rate: up to 64 Kbps

Waterproof, shock- and dust-resistant (IEC60529 IP67)



FCC ID: TFC-AAA

