ZoneCentral

Apply automatic encryption on notebooks, stationary workstations, and servers, etc.

ZoneCentral is the next-generation, easy-to-deploy corporate security product featuring automatic administration and transparent use. This solution offers enhanced security by encrypting data and restricting access to authorised users identified as such. With no organisational constraints, ZoneCentral protects files and folders wherever they might be.

Encryption on-the-fly, transparent for users

Users access their files as usual with no special handling. They won't even notice a difference in handling between files that are encrypted and files that are not. They simply provide an access key once during their work session in order to decrypt the encrypted files they access.

Permanent automatic protection

The data security plan is defined by the company's security managers. ZoneCentral then **automatically and systematically** applies this security plan, with no user intervention. Files are constantly encrypted (no unencrypted copies at any given time).

Data organisation remains unchanged

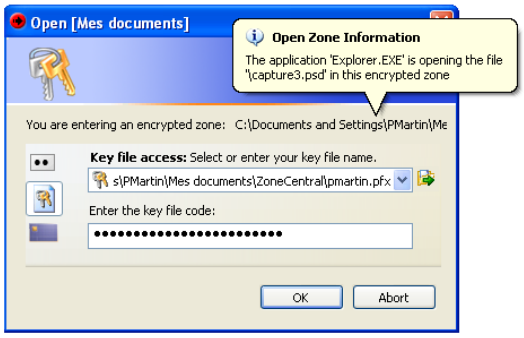
Files are encrypted 'in place', wherever they happen to be located, on a workstation or a data server. With ZoneCentral, there is no need to change data organisation.

Secure collaborative workspaces and network traffic

ZoneCentral encrypts and decrypts files where they are used: on the workstation, in memory. Correspondingly, when files are accessed on a server via the company's local network, or remotely, **data is carried in encrypted form.** What is more, in a collaborative workspace, only users with access rights will be able to read the content of shared files.

User access keys

To access encrypted areas, ZoneCentral uses authentication methods that already exist in the corporate environment: passwords, key files (.p12, .pfx), smart cards or USB tokens



(major manufacturers), CSP containers, or other devices.
ZoneCentral is consequently compatible with most of the PKIs on the market (though they are not required for its use).

Encrypted emails and attachments

ZoneCentral includes an **email encryption** service and a complementary encrypted containers service. Users can exchange information with others, regardless of whether they too use ZoneCentral or not. Exchanges can use passwords (shared) or certificates.
[Refer to Zed! and ZedMail product sheets]

CORPORATE ENCRYPTION SYSTEMS

PRIM'X TECHNOLOGIES

ZoneCentral

Compatibility and cooperation with Cryhod

ZoneCentral is compatible and cooperative with Cryhod for the encryption of disks/ partitions with pre-boot authentication.

Flexible and easy deployment

The installation of ZoneCentral on workstations is compatible with the installation tools administered (SMS etc.).
The security rules and configurations that apply to fixed or mobile workstations, shared zones on the network, and removable volumes are defined by the Administrator using **Windows Security Policies**. Windows applies these rules automatically and in real time.

Data is also encrypted for the system administrator

In-place encryption means network operation and administration is unaffected. System operators do not have access to data content, which makes ZoneCentral an essential part of any outsourcing project.
Even backups can be encrypted to ensure the long-term confidentiality of sensitive information.

Operation and supervision

With the ZoneBoard console, the security administrator can easily control **access rights to encrypted areas and shares** from their station. The ZoneBoard application, included in ZoneCentral, does not require the use of a server.

EAL3+ certificate and Standard Qualification

ZoneCentral has obtained the **EAL3+ Common Criteria** Certificate and the **Standard Level Qualification** from the ANSSI (French Network and Information Security Agency).

SÉCURITÉ CERTIFICATION

Technical Features

Algorithms: AES (128 to 256 bits) and RSA (1024 to 4096 bits).

PKCS#1, PKCS#5, PKCS#11, X509, Microsoft CSP, LDAP technologies, PKIx compatible.

Available for Windows 2000, XP, Vista, and Seven (32 and 64-bit systems).

Compatible with Windows, Novell, and UNIX servers (NTFS & Samba).

Available in 7 languages.

Key Function

Encryption

- **On-the-fly and in-place encryption**
- **Encrypted emails and containers for secure exchanges**
- **Encryption of Internet browser caches (Intranet protection) and the swap (virtual memory)**
- **Encryption of user profile possible (My Documents, Desktop, etc.), including in roaming**
- **Encryption managed on removable volumes (memory stick, external hard disk, etc.)**

Workstation security

- **Cryptographic engine operating in 'Kernel' mode reduces exposure to spyware**
- **Keyboard driver prevents password capture**
- **Signed administration settings (policies)**
- **Corporate recovery mechanism**
- **User support mechanism**
- **Secure automatic file deletion (wiping)**

CORPORATE ENCRYPTION SYSTEMS

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