

# ZONECENTRAL

FOR FILES AND FOLDERS

## CONFIDENTIALITY AND PARTITIONING

**ZONECENTRAL** uses encryption to provide a confidentiality service applicable to all of an organisation's files. It manages the right-to-know and protects sensitive data against external and internal access by partitioning information between users and departments as well as vis-à-vis IT operators.

### Segregation of data across desktops, shares and virtualised environments

Protecting sensitive data from loss and disclosure, as well as theft and espionage, is an imperative for businesses and government entities. To guarantee the confidentiality of its sensitive data, an organisation must be able to manage the right-to-know by ensuring that the information to be protected is only available to authorised persons. Encryption is a technology perfectly suited to meet these requirements.

### Confidentiality of the user's extended environment

**ZONECENTRAL** can encrypt the user's local files and those stored in networked personal folders, automatically applying cryptographic partitioning in accordance with the encryption policy defined by the organisation. Files are kept permanently encrypted, with only the user able to consult their contents, and without this having any impact on the IT services.

### Partitioning of shared or personal folders on servers

**ZONECENTRAL** can automatically encrypt files from the user's workstation when they are deposited in available network spaces (filers, NAS, etc.), respecting the cryptographic rights defined in these spaces by the security officers. Management of the right-to-know is thus extended to encrypted shares and to the network extensions of user profiles: **ZONECENTRAL** provides partitioning between users, service providers, work groups or departments.

### Corporate security governance

**ZONECENTRAL** automatically applies the company's security policy. Users simply provide their access key when starting their work session, and the spaces they use are kept transparently encrypted according to predefined rules.

Furthermore, for shared zones, a supervision tool allows designated managers to manage the cryptographic accesses of user groups. The teams in charge of security have the means to carry out recovery and troubleshooting (loss of keys, departure of an employee, audit, etc.).

### Light and non-structural solution

**ZONECENTRAL** does not require any changes to be made to the topography and organisation of the storage spaces. Nor does it require additional hardware or servers (or installations on existing servers). Only installed on workstations, it is deployed like any other component of the security stack of the office software platform.

### No impact on the user experience

Transparent by nature, since it applies the company rules in the background, **ZONECENTRAL** remains highly discreet and does not impose any changes on user work habits.



## ENCRYPTION

- Zone encryption of local and network folders and files (filers, NAS, SAN)
- Encryption of the extended user profile (Office, Documents, Homedir, etc.)
- Encryption on portable media (USB drives, external drives)
- Encryption of technical files (temporary, swap, etc.)
- Encryption of multi-session environments (TSE, Citrix™, etc.)
- On-the-fly encryption, transparent to the user
- Automatic and secure deletion of files (wiping)

## AUTHENTICATION

- Authentication by certificate (PKI) and/or password
- Compatible with cards and tokens from major manufacturers
- Compatible with Microsoft CSP/CNG
- Coordinated access management with Active Directory
- Management of groups for shares
- Automatic access renewal

## ADMINISTRATION - IT

- Workstation software agent, no server component
- Deployment via standard IT infrastructures (SCCM, AD, etc.)
- No change, no impact in the management of IT resources

## ADMINISTRATION - SECURITY

- Security policies defined by security officers
- Administered encryption plan
- Supervised application of security policies
- Console for supervising access to shared areas
- Configurable data recovery mechanism
- User support (loss of key or password)

## PACKAGING

The **ZONECENTRAL** licence integrates the functionalities of ZED! (encrypted containers for exchanges) and **ZEDMAIL** (MS Outlook™ plug-in for e-mail encryption).

## TECHNICAL SPECIFICATIONS

- **Windows** 7 to 10+
- Compatible with all types of file servers (Windows, Linux, proprietary, etc.)
- **AES 256** encryption
- Access via **RSA certificates/keys** (up to 4096 bits) and/or **passwords** (configurable strength)
- Compatible with all major PKCS#11 **cryptoprocessor passes** (smartcard or USB format)
- Compatible with most **PKI** on the market

