

conpal

Protect sensitive data with conpal LAN Crypt



Data agility requires flexible, versatile encryption

Sensitive, valuable data is often saved electronically without any protection by and large. This data could include financial reports, employee data, customer data or search results, to give a few examples. The security risks increase significantly when you store data centrally on servers, set up multisite network structures and use mobile data media. Besides this, more and more organizations are using IT outsourcing to reduce costs, but at the same time they are expressing concerns about data confidentiality.

As infrastructures become increasingly mobile and service-based, the risk of misuse and data theft increases exponentially. Furthermore, most protective measures are aimed at threats from the outside, while internal IT risks are often neglected. However, the potential damage due to misuse of confidential company data is the same in both cases.

A security solution is needed here to ensure that, throughout the organization, only authorized user groups are granted access to sensitive data. Encrypted content requires persistent encryption to guarantee complete protection across different platforms.

conpal LAN Crypt

conpal LAN Crypt provides persistent encryption for confidential files in a process that is completely automatic. Employees do not even have to change their work habits.

- ☉ Completely transparent encryption in the background
- ☉ A user is authorized by assigning a unique “key group” to the user profile
- ☉ Access to confidential data is restricted for system administrators as well as external users
- ☉ Scalable solution, ideal for use in project teams, in departments, within a company or cross-company

Separation of roles

conpal LAN Crypt ensures a strict separation of roles between system administrators and security administrators, allowing data protection policies to be rigorously enforced.

- ☉ System administrators still manage the systems but they do not have the authority to decrypt files
- ☉ Security administrators manage keys and define access policies for individuals or groups
- ☉ Security administrators define individual access rights for work groups or single users in accordance with the security policies

Data security

conpal LAN Crypt is the sustainable security solution that strictly prevents unauthorized access to sensitive data.

- 🔒 Proven, tried and tested security algorithms
- 🔒 User authentication using X.509 certificates

Security administration

Thanks to a sophisticated administration concept, conpal LAN Crypt allows quick and uncomplicated integration into your IT security architecture.

- 🔒 A cost-efficient solution that is easy to install without requiring additional administration infrastructure
- 🔒 Integrated recovery processes for access to encrypted data in emergency situations

User convenience

- 🔒 No changes need to be made to work environment or work habits
- 🔒 Optimized performance for encryption and decryption by an endpoint client

Supported media and platforms

- 🔒 Media: network drives, local hard disks, CDs, DVDs, USBs, flash drives, memory cards
- 🔒 Platforms: terminal servers, virtual machines, OneDrive

Supported protocols

- 🔒 Encryption: 3DES 168-bit, IDEA 128-bit, AES 128-bit and 256-bit, XTS-AES
- 🔒 Hash: MD5, SHA-256