



CORISECIO - Document Encryption

Secure File Storage in Companies and the Cloud

Theft of sensitive information and documents is increasing, and companies are forced to draw their attention to internal protection measures. Opening the company infrastructure through portals or cloud computing requires integrated solutions to prevent theft and misuse of sensitive information.

DOCUMENT ENCRYPTION

The CORISECIO Document Encryption provides companies with a platform-independent solution for security of files of any kind. The files are encrypted transparently, which allows implementation of granular access rights independent from the platform. Access for final users is obtained through standard interfaces like e.g. WebDAV. Consequently, the product is available immediately for every MS-Office user without any further implementation work. The CORISECIO Document Encryption supports network shares of any kind like File shares, SAN und NAS shares, SharePoint and other document-management systems, as well as web applications (e. g. SAP Netweaver) or cloud solutions.

Encryption is completely configurable. Documents may be encrypted according to formats and classifications. This way, sensitive customer data may be classified e. g. as "confidential" and contract documents as "secret".

ROLE BASED ACCESS RIGHTS AND CLASSIFICATIONS

Access to encrypted contents is carried out through a central role- and right system. Users and roles may be integrated within the system from already existing directories (e.g. LDAP, Active Directory). Documents are classified according to their protection requirements. Authorized users obtain access and are verified for role integration. The solution is entirely transparent for users and applications. Classifications (e. g. Top Secret, Confidential), as well as access-authorization hierarchies, are completely configurable.

SECURITY & SCALABILITY

Encryption is carried out reliably and with high performance. CORISECIO offers an automatic key management and administers all necessary keys in a secure environment. All cryptographic operations are executed in a secured environment outside of the application. Encryption is conducted according to the AES 256 standards. The cryptographic algorithms,

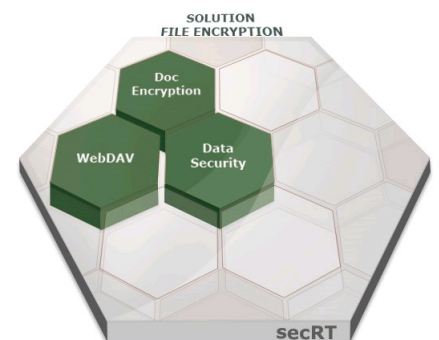
however, may be configured according to the individual requirements.

FACTS

- Document encryption
- Security for all prevailing data types
- Classification
- Access rights to individual documents

BENEFITS

- High protection level for sensitive documents
- Transparent integration in CMS, DMS, etc.
- Unmodified workflow for users
- Implementation of granular access rights
- High level of scalability



EASY INTEGRATION

Embedding in DMS, CMS, or archive systems is carried out largely transparent – also documents located in ERP systems are secured quickly and easily. Direct access to encrypted documents with MS-Office products is possible transparently for users. The certificate based authorization and probably necessary encryption operations are executed automatically in the background. The CORISECIO Document Encryption is based on open standards and supports established document-management systems.

PRODUCT LINE DATA SECURITY

The Data Security product line is based on the open source product secRT, an Eclipse Foundation project.

The CORISECIO Document Encryption, as a part of the product line, is capable of encryption of all prevailing document types and controls access to these documents.

Besides the document encryption, CORISECIO with the DB-RT Encryption offers a high-performance database encryption down to field level, which secures the data of content-management and ERP systems reliably.

In addition, the CORISECIO DB-Offline Encryption offers an innovative way within direct encryption of mass data, which are imported e. g. into Data Warehouses (DWH) or in Cloud Computing Environments.

KEY FEATURES

- Customizable service for data encryption
- Browser based user interface
- Machine interface (http/SOAP)
- Transparent data encryption
- All prevailing document types (HTML, XML, PDF, Office formats, etc.)
- Access control through role and right administration
- Option of embedding of already existing user directories (e. g. LDAP, Active Directory)
- completely configurable document classification, e. g.:
 - *Top Secret*
 - *Secret*
 - *Confidential*
- Completely configurable access verification and hierarchies
- Supported protocols
 - *WebDAV (optional)*
 - *HTTP*
 - *SOAP*
 - *Further protocols on request*
- Diverse saving strategies
 - *Network shares (e. g.):*
 - *Homedrive*
 - *Fileshare*
 - *SAN / NAS*
 - *Applications (e. g.):*
 - *SharePoint*
 - *DMS*
 - *Web-Applications (e. g. Netweaver)*
 - *Cloud Applications*
- Platform independent
 - *Windows*
 - *Linux*
 - *Unix*
 - *Further platforms on request*

