Business life has become mobile and requires the ability of smartphones and tablets to be integrable into the everyday working practice. The junction of mobile end devices raises the availability, saves costs and improves efficient cooperation in companies. Mobile working is therefore a common way to accelerate business processes.

There is, of course, the demand to access en route to internal documents, reports and more also. But data protection laws, regulation requirements and company-intern compliance standards place higher demands on security. PRISM, TEMPORA and more than enough other incidents showed the potential of industrial espionage. **CORISECIO** offers a way to avoid risks before it’s too late.

**MOBILE ACCESS TO ANY KIND OF CONFIDENTIAL CONTENT**

**CORISECIO** Secure Collaboration enables the encrypted browser-based access to documents and files in SharePoint®. This secure access, which is also usable by mobile devices, enables access to encrypted documents in SharePoint® from wherever you are.

Independent from browser platform, the own browser infrastructure is used to provide a secure access to confidential documents. Very interesting for companies with employees working with their own mobile devices (BYOD).

**HTML5 - OPEN STANDARDS**

For the implementation of this solution, **CORISECIO** uses the W3C standards HTML5 and Web Cryptography API (WCA). The W3C working group, represented by the biggest browser developers Mozilla, Google and Microsoft, created an open standard providing cryptographic operations in browsers and in all useable mobile devices.

**CORISECIO** uses W3C standards to encrypt documents which are exchanged via web to the mobile user. Doing it this way, your data is ensured to be accessed by authorized persons only. Even the data stored within the browser cache is encrypted.
SOLUTION ARCHITECTURE

On server side, access to SharePoint® and documents is conducted through the CORISECIO gateway. The rendered contents will be hybrid encrypted for the data transfer addressed to authorized receivers.

In case of losing the device, only the user certificate is invalidated with immediate effect. Access to the company and a decryption of data will be not possible. The best protection is the prevention of risks. The confidential content of your mobile device can’t be read by snooping program or operation system.

ENCRYPTED DOCUMENTS IN SHAREPOINT®

For the encryption of documents in SharePoint®, CORISECIO offers a solution in where secure collaboration is integrated.

The Encryption for SharePoint® Gateway enables a transparent encryption of confidential information, e.g. documents in SharePoint®. Even a SharePoint® administrator does not receive access to it. The encryptions, the administration of keys and the administration of rights will be conducted outside of SharePoint® in the CORISECIO Gateway. The complete functionality of SharePoint® will be retained. Via roles and groups the access to encrypted documents can be administered.

OPEN SOURCE SOLUTION

All CORISECIO products are based on the Open Source product secRT, which has been developed in cooperation with the Federal Office for Information Security (BSI).

Benefits

- High security with browser access
- Transparent encryption
- Minimal implementation effort
- Secure access to encrypted documents
- Realization of access rights on document level
- Architecture - scalable and highly available
- Mobile device platform independent