The possibility of a team-oriented and effective cooperation of employees – independent of location and time zone – saves a lot of time and costs. Mobile working is a popular method to accelerate business processes. There is, of course, also the demand to access en route internal documents, reports and more. Microsoft SharePoint® and Exchange is established in many companies. Mobile employees should now also access SharePoint® and other sharing platforms, send instant-messages, work on documents, send and receive emails.

CORISECIO provides a solution package for mobile collaboration that enables enterprises to secure this collaboration on several levels. Now you can avoid risks before it’s too late.

MOBILE ACCESS WITH OWA

The mobile browser screen is available as a standard in several platforms and browsers. Further, there exists the possibility to access emails directly via Office WebApp (OWA) from mobile devices. An additional function of SharePoint® is site mailboxes. Site mailboxes enable centrally provided project rooms in which the participating team members share emails and documents in a shared place.

CORISECIO’s Secure Collaboration enables the encrypted browser-based access to your business mails. 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. Especially interesting for companies with mobile employees bringing their own mobile devices (BYOD) and therefore make companies face several problems.
**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 emails is conducted with a HTML5 Rendering engine, preparing different document types for your browser. The rendered contents will be hybrid encrypted for the data transfer addressed to authorized receivers.

While accessing encrypted docs, authorization for the encryption has to be reviewed. The documents will then be decrypted transparently, rendered on server side for the browser access in HTML5 and be transferred encrypted to the mobile user. Receivers decrypt the browser content with user keys and work with it. Even the browser cache remains encrypted. By this, the secure real-time collaboration is also possible for encrypted documents. In case of a loss of the device, only the user certificate is invalidated with immediate effect. Access to the company and by this a possible decryption will be prevented immediately. The best protection is the prevention of risks. Your mobile devices never contain confidential content which could be read by spying programs or the operating system.

The best way to secure your business is avoiding risks. There never is any sensitive content on your mobile devices which can be found from spy software or the operating system. Mails and documents stay securely on the company’s server.

**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).