

# Press release

## Data security in the Cloud

### **CORISECIO presents solutions for Cloud Security at the RSA Conference**

**CORISECIO introduces security solutions for Cloud Computing at the RSA Conference 2010 in San Francisco. Companies may reliably protect their critical data using the CORISECIO DB-Offline Encryption solution. The business critical data is encrypted using the Streaming method. The encrypted data is simultaneously replaced with substitute values of the same data type. The keys, and with them the critical data, do never leave the company. Cloud Services may operate on basis of the transferred data. Only after the results have returned from the Cloud to the company they will be decrypted again. As all CORISECIO products the solution is based on the Open Source Security platform secRT.**

For companies, Cloud Computing Services like e.g. Amazon's EC2 Service or Google's AppEngine are gaining more and more attractiveness. The attractiveness mainly originates from their dynamically available scalable infrastructure. The main theme significantly influencing the acceptance of Cloud Computing is the security subject. Serious security concerns regarding business critical data transferred to the Cloud are related to areas like integrity and privacy.

The requirements for a database encryption are linked with the request to minimize performance losses caused by encryption. Companies insist that e.g. monthly billing runs do not allow a time difference of even only a few percentage points.

CORISECIO at the RSA Conference present a new innovative method showing, how data outside the database is encrypted quasi „Offline“ and on-the-fly is “replaced” with substitute values according to data type. During transfer to the database or to the Cloud the data is encrypted using the Streaming method and simultaneously provided with replacement values. On the side of the target system no modifications at the applications or the database system are necessary.

For a required online access CORISECIO provide the solution DB-Online Encryption. Here the data is encrypted and decrypted via online access.

CORISECIO also offer these solutions for DB-Offline/DB-Online Encryption on basis of their Open Source Security platform secRT. Naturally, all add-ons for this (e.g. Client Administration, Dedicated Administration) may be used for the DB-Offline Encryption solution also.

#### **About CORISECIO**

The CORISECIO GmbH is leading manufacturer of security products for Service Oriented Architectures. All products are based on the Open Source Security platform secRT. On this open basis leading solutions for the areas Mobile Security, SAP Portal Security and Data Security are provided worldwide.

The database encryption portfolio includes transaction oriented products (DB-RT Encryption) as well as new Streaming methods used in the Cloud (DB-Offline Encryption).

The CORISECIO solutions are installed in more than 50 countries and there protect companies in a variety of ways using established enterprise solutions. The CORISECIO GmbH is headquartered in Darmstadt and is supported by resellers worldwide. Amongst the clients and partners of CORISECIO GmbH are many well-known DAX-30 companies.

For further information please kindly see [www.CORISECIO.com](http://www.CORISECIO.com)

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