

Press Release

Data security in the Cloud

CORISECIO presents pathbreaking solutions for Cloud Security at the RSA Conference

CORISECIO, at the RSA Conference 2011 in San Francisco, introduces innovative security solutions for Cloud Computing based on the Open Source platform secRT, an Eclipse Runtime Project. Companies can rely on protection of their sensitive data using the CORISECIO Data Security solutions.

The CORISECIO DB-Offline Encryption enables encryption of business critical data on-the-fly. Simultaneously, the encrypted data is replaced with substitute values. The keys, and with them the critical data, do never leave the company. Cloud Services operate solely on the basis of the transferred data. Only after the results have returned from the Cloud to the company, they will be decrypted again.

CORISECIO DB-Access CTRL restricts access to database contents by administrators or other users while keeping access for applications unchanged. It is compatible with standard administration tools and does not interfere with the user workflow.

Cloud Computing Services like e.g. Amazon's EC2 Service or Google's AppEngine are gaining more and more attractiveness for companies. The attraction is mainly due to their dynamically available and scalable infrastructure. Security is the decisive factor for acceptance of Cloud Computing. Serious security concerns regarding business critical data transferred to the Cloud come along with queries on e. g. integrity and privacy.

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

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

For online access, CORISECIO provides the solution DB-Online Encryption. Here, the data is encrypted and decrypted via online access.

To further increase the security level, CORISECIO presents the DB-Access CTRL solution at the RSA Conference. The product allows entire control of administrator access to databases in a granular way. Using this solution, companies can use black- or whitelists to define which database objects are still to be accessible for the database users. The user workflow is not restricted by the solution. All actions performed by the database users can be logged and stored in a safe way on every single transaction.

CORISECIO offers these solutions for DB-Offline/DB-Online Encryption and DB-Access CTRL on the basis of their Open Source Security platform secRT. Of course, all add-ons (e.g. Client Administration, Dedicated Administration) can be used for these solutions as well.

About CORISECIO

CORISECIO is a leading manufacturer of security products for SOA infrastructures. The open-source platform secRT , an Eclipse Runtime Project, is the basis for all solutions. The portfolio includes enterprise solutions for Mobile Security, SAP Portal Security, SOA Security and database encryptions. High-tech made in Germany – fit for future demands and certified “powered by SAP NetWeaver”. CORISECIO is headquartered in Darmstadt (Germany) and is supported by resellers worldwide. Several reputable DAX-30 enterprises rank among CORISECIO’S customers and partners.
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