

Pressemitteilung

Filter against misuse of administration rights for databases

External access control for database contents by Parsing of SQL Statements – including even administrator access

10th November, 2010 – eperi introduces an innovative access control for database contents. Administrators have access to any kind of data, even to sensitive data in company's databases. eperi DB-Access CTRL controls and monitors every single database access and provides content-based access control, without restricting administrator's work.

Enterprises generally manage their data with database systems. The assigned administrators have complete access, e. g. to salary data or company doctor's medical patient data. Protection of internal data is hardly achieved. Upon off- or near-shoring of database administration, data, which are e. g. subject to export restriction, could become visible to unauthorized users, or revision departments would have to proof compliance of data protection regulations. Since the database-inherent right systems are not sufficient for that purpose, new solutions are required.

eperi DB-Access CTRL offers the possibility to restrict the statements on access to tables and schemes. Already outside of the database, user authorization is verified with an internal Policy. Thereafter, the solution controls and monitors every single access to the database through black and white lists. This enables companies to clearly define which database contents shall be visible and manipulable, e. g. for the administrator, without restricting his work. Authorized users or applications are still able to access the database without restrictions. A secure authorization concept for database contents outside of the database.

The eperi solution uses DB Standard Interfaces for access control and acts as a transparent proxy in front of the database. Every single database access is checked and controlled on statement level by an external parser, according to company internal rules. Unauthorized access is reliably prevented, on the other hand, scalability and failure safety are still guaranteed.

DB-Access CTRL supports the administration tools of leading manufacturers. No matter how database administration is conducted: The suspicion against the administrator is averted, and the revision departments obtain an efficient remedy for verification. Confidential contents remain confidential. Data protection and security provided by eperi security solutions.

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Find further information about eperi DB-Access CTRL in the web

About eperi

eperi provides an innovative IT security solution for data in the cloud. Our securityRunTime is build as an open source solution. It is used by leading international enterprises.

The company was founded in 2003 and is located in Darmstadt, Germany. Since the beginning of 2014 we sign with our new name: eperi GmbH. With more than 10 years experience in software development we stand for information security that is trusted:
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