



Halocore Data Export Auditor for SAP

SAP is one of the most widely deployed ERP systems that houses a wide range of data, which is both business critical and highly sensitive. Information about finances, employees, clients, suppliers, and products are just a few examples of sensitive data stored inside SAP applications. This data is exported on a regular basis to generate reports, spreadsheets, documents, PDFs, or other files. Not monitoring sensitive information usage poses a huge risk to any company.

What is the Data Export Auditor?

The SECUDE Halocore Data Export Auditor for SAP is designed to give you visibility into what sensitive data might be leaving your SAP systems, who is downloading it, and where. The Auditor is an SAP add-on that logs all data downloads via the SAP GUI (for Windows, Java, or HTML) from your NetWeaver-based SAP applications. SECUDE offers this solution free of charge.

What information is audited?

Every download of any data via the SAP GUI is audited. This includes exporting spreadsheets, downloading attachments, and saving data from transactions:

- Who performed the download? (user ID and name)
- What was downloaded? (file name, size and file type)
- Where from? (transaction code and text, application component, and table name)
- Where to? (path, terminal and IP address)

Unlike other solutions, Halocore Data Export Auditor for SAP not only records all activity, but also adds intelligent classification. The solution gives the ability to filter collected entries into configurable groups, e.g. by functional area, geographic region, or transaction type. For example, the audit team can analyze download activity around confidential HR information for a specific personnel area or financial reports of a particular legal entity.

Accessing the audit log

The log can be displayed with an easy-to-use report transaction, in an ALV grid. As the data itself is stored in SQL tables, it can also be extracted and analyzed with more powerful tools, such as Business Objects.

| Date/Time [CET] | User Name | TCode | Transaction Text | Component | File Name and Path | File Size | IP address | Platform |
|---------------------|------------|------------|------------------------------|---------------|---|-----------|-------------|--------------|
| 07.11.2013 18:35:11 | RLINDEMANN | S_BCE_6... | Users with Critical Autho... | BC-SEC-USR-IS | C:\Users\rindemann\Desktop\Users 2013-11-07.XML | 1.565.644 | 10.41.9.80 | Windows XP/7 |
| 07.11.2013 18:07:07 | MJONES | CS11 | Display BOM Level by Le... | LO-MD-BOM | E:\Confidential Product Data\BOM_IAD-3000.XLSX | 7.526 | 10.41.9.80 | Windows XP/7 |
| 07.11.2013 18:06:09 | JMILLER | S_ALR_8... | Balance Sheet/P+L Stat... | BC-ABA-LI | /Users/itadmins/Downloads/US Balances 2011-2012.rtf | 224.789 | 10.41.9.122 | Mac OS X |

Installation and support

The Data Export Auditor is installed as an add-on and plugged into the SAP download process as a simple enhancement (no modifications required). It can be deactivated again by simply removing the enhancement. The software is provided free and comes with documentation and step-by-step installation and usage instructions. The company currently doesn't provide support for this solution.