



# AUTHORIZATION ANALYZER

## EASY ANALYSIS OF AUTHORIZATION SETTINGS IN SAP®

A well-designed and intelligently implemented authorization concept is essential for any business. It does not, however, offer any guarantee that the rules defined in the concept are actually being followed. Adjustments to roles and assignments that are made in the course of business inevitably compromise data security. That is why a regular review of authorizations is both sensible and necessary. The analysis tools included in the SAP® standard are frequently not sufficient for this purpose. Even experienced users are faced with:

- ▶ **High maintenance requirements:** Analyses cannot always be combined as needed in the standard. This means that evaluations must frequently be done manually in Excel, which takes a lot of time.
- ▶ **Redundant work:** Once they have been generated, evaluations cannot be updated automatically.
- ▶ **Time-consuming data acquisition:** Important information is only available through a direct selection of tables (usually unstructured information).

## AUTHORIZATION ANALYZER – THE PERFECT COMPLEMENT

As authorization data is loaded into MS Access, the Authorization Analyzer offers the possibility of analyzing the data using customized reports. Customer-specific reports can be generated anytime.

These are some of the predefined reports that are supplied with the database:

- ▶ Assignment of users to single or composite roles
- ▶ Assignment of transactions to users, single or composite roles
- ▶ Assignment of organizational values to users, single or composite roles
- ▶ Assignment of users to profiles
- ▶ Analysis of selected transactions per user, group, department etc.
- ▶ Analysis of authorization objects with the respective roles and values

Users can also analyze authorization-relevant data in structured form directly in SAP®.



### AUTHORIZATION ANALYZER – AN OVERVIEW

The Authorization Analyzer consists of two elements. The first is an SAP® transaction that exports relevant authorization tables in a structured manner from SAP®. The second element is an MS Access database that is used to import and analyze the authorization data.

### EXPORT TRANSACTION:

consolut has developed a special export transaction for the export of authorization-relevant data. In addition to the download, this transaction includes the option of performing quick analyses directly in SAP®. The transaction is divided into several segments that offer different choices. These are some of the major functions:

#### Access database evaluations:

In this segment, various source data can be marked for export.

reporting Access DB

- all reports (Access DB)
- 01\_user master data
- 02\_used transaction code
- 03\_single roles / Orgsets
- 04\_user / roles
- 05\_CEAT roles tcode / role
- 06\_user favorite tcodes
- 07\_user / profiles
- 08\_CO area / company code
- 09\_composite role/single role
- 11\_authorization object
- 12\_user history
- 13\_all orgsets with values
- 14\_all orgsets

#### Other evaluations:

In addition, it is possible to evaluate or export customer-specific authorization objects and transactions.

other reporting

- custom transactions
- custom auth. object

#### Evaluation options:

Users can choose special options for certain evaluations. For instance, they can specify the number of past months to be included in the evaluation of transactions used.

#### Output format:

Users can choose one of three output formats.

Please select at least one export format

- txt-file (Access DB)
- txt-file (with headline)
- ALV Grid

**Text file (Access database):** This option extracts the files in the format required by the analysis database.

**Text file (with title):** The second option permits a download as text files with titles, which allows the files to be used for evaluations with the customer's own tools.

**ALV grid:** This option can be used to evaluate the checked analyses directly in SAP®. The reports are output in the ALV grid format and can be formatted as needed.

Src. System	year	m	Transaction Code	Transaction Text	Program		
168CLNT600	2015	11	FB01	Post Document	SAPMF05A	ANSGAR	31
168CLNT600	2015	11	FB01	Post Document	SAPMF05A	KATARINA	72
168CLNT600	2015	11	FB01	Post Document	SAPMF05A	SIEBERT	4
168CLNT600	2015	10	FB01	Post Document	SAPMF05A	CHARLOTTA	141
168CLNT600	2015	10	FB01	Post Document	SAPMF05A	GUELNUR	1

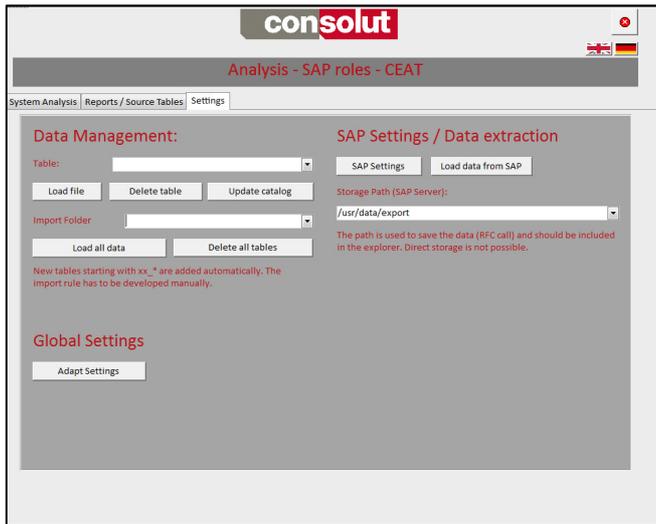
## MS ACCESS ANALYSIS DATABASE:

consolut will supply a preconfigured MS Access analysis database for the evaluation of the export files generated in the SAP® program. The included analyses can be used in any business.

The analysis database consists of three sections:

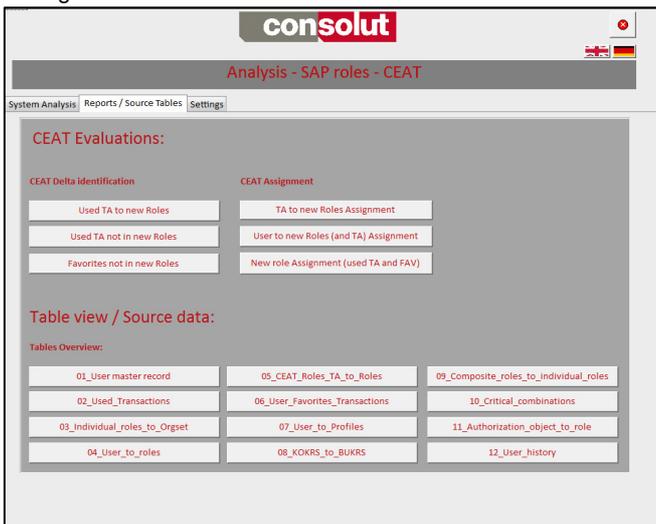
### Settings:

This is where the authorization data is imported into MS Access. Users may import either individual data packets (e.g. only the transactions used) or all source data at once.



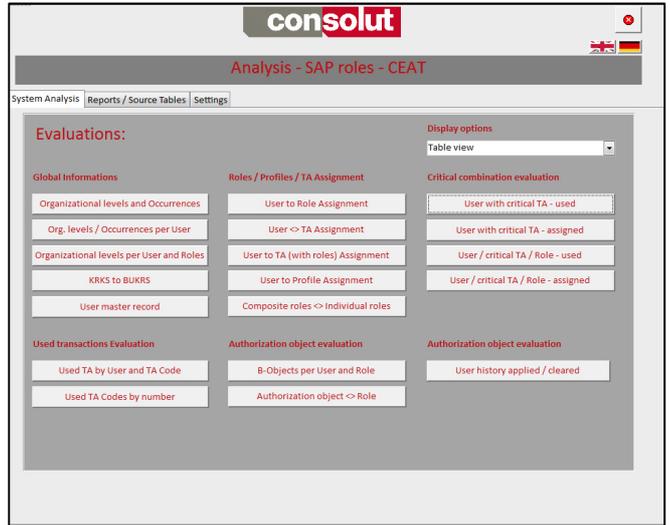
### Evaluations/source tables:

The second section lets users view the source data imported from SAP®. Users can also select special analyses to support them in authorization projects involving the Authorization Manager.

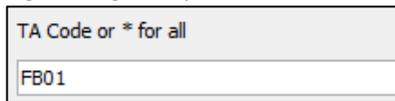


### Data analysis:

The third section contains all preconfigured authorization analyses.



In some reports, the data can be filtered before being called up, e.g. filtering of a special transaction.



Results can be displayed in two different ways – as a table or as a report:

### Table view:

Startpage	CON_Q023_User_to_TA_with_Roles_Assignment	Transaction	TA Description
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	AL08 List of all logged on users
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	ALL15 Display SAP-Directories
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	ALL15 Customize SAPOSOL-Destination
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	BD87 Statusmonitor für ALE-Nachrichten
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	DB01 Exclusive Lockwaits analysieren
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	DB02 Monitor für Tabellen und Indices
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	DB03 Parameteränderungen in Datenbank
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	LICENSE_ADMIN License Administration Workbench
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS01 LAN-Prüfung mit PING
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS03 Q/S Parameter changes
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS04 Local system configuration
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS05 Remote system configuration

### Report view:

User Name	Role Name	Role	Sub-System	Start Date	End Date
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	AL08	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	ALL15	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	ALL15	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	BD87	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	DB01	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	DB02	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	DB03	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	LICENSE_ADMIN	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS01	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS03	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS04	08.03.2023	21.12.2023
KEYUSER	VGT_S_BC:SYS_ADM-SYS	Master: Systemadministration, sonstiges	OS05	08.03.2023	21.12.2023

### ADDITIONAL INFORMATION ON THE AUTHORIZATION ANALYZER

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- ▶ The Authorization Analyzer can be introduced in SAP® at any time
- ▶ Controlling and using the Analyzer requires only little previous knowledge of SAP® authorizations
- ▶ The preconfigured evaluations require no previous knowledge of MS Access
- ▶ The analysis database is available in German and English
- ▶ Customized extensions are possible anytime

### OUR SKILLS

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- ▶ Long-standing experience with authorizations gained in numerous authorization projects and SAP® introductions
- ▶ Consultants with interdisciplinary expertise
- ▶ Customized solutions for different authorization reporting requirements
- ▶ Continuous development of our programs
- ▶ Fast and cost-efficient implementation
- ▶ Advice and support even after the end of the project

### OUR SERVICES RELATING TO THE AUTHORIZATION ANALYZER

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- ▶ Check of system requirements
- ▶ Installation of consolut programs
- ▶ Supply of the Access analysis database (*MS Access license required*)
- ▶ Implementation
  - ▶ Initial export of tables from SAP®
  - ▶ Initial import of tables into MS Access
- ▶ Testing of evaluations
- ▶ User training

**MORE INFORMATION?** Visit our website: [www.consolut.com](http://www.consolut.com) or contact us: [info@consolut.com](mailto:info@consolut.com)

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