Security Services

Security is the one of the most important area of SAP implementation which is often neglected. The reasons for this neglect could be because of various reasons such as SAP Security being perceived as cumbersome, time consuming and having little value addition to the implementation. But now Companies and SAP's customers are starting to realize the importance of implementing SAP R/3 securities for various reasons. Companies have started to realize that a poor SAP Security setup increases the risks of exposing their systems to fraud, harm business relations and contribute to wrong business decisions.

Moreover the companies are now required to implement their business processes and practices in compliance with SOX and SEC rules and regulations. Even those who have implemented security, often realize that their procedures and processes have loopholes. Auditors are also looking more closely how companies are implementing their security procedures and policies. So it makes all the more important for companies to have a robust security setup.

Our SAP Security Services in short

› Full implementation or redesign of SAP authorizations for ECC, BI 7.0, SRM 5.0, CRM 5.0, PI 7.0, Enterprise Portals 7.0 etc.

› Upgrade your SAP authorizations to the newest release (>> possible if customer is upgrading BASIS)

› Quality Assurance during implementation / redesign projects

› Audit / Review SAP authorizations

› Implementation of GRC and SecurityWeaver suite of products

› Check for Segregation of duties compliance

› Support for day-to-day maintenance

› Review / Design authorization management procedures

› CUA and LDAP Integration

› SAP HR Security Implementation including Structural Authorizations and ESS & MSS

› Develop and provide tools as necessary for audit, automated user management, role development and maintenance

› SAP Security Audit and Compliance

› Strategizing and Integration of LDAP and SAP

› SAP Security Redesign

AdvIT
Consulting, Inc.

DATA BROWSER & REPORTING UTILITY

Advit Advantage:

› ERP niche area focused
› Strong technical teams
› Quality-assured solutions
› Consistent on-time/within-budget delivery
› Guaranteed support services
› Vast experience across a variety of industries and platforms

Two of the major audit issues auditors identify in the SAP systems are the user's ability to execute programs using the transaction code SA38/SE38 and the ability to display the data from the tables directly using the transaction codes SE16/SM30. The reason these transaction codes and access is considered a problem is because using these transaction codes, a user can get access to data that may be confidential and he or she is not supposed to view. Therefore, auditors recommend that these transaction codes should not be assigned to the users in the production environment.

However, since access to executing reports and viewing tables directly cannot be avoided by the users due to various reasons such as during month end close or year end closing, when the users may have the need to run some reports in order to complete the closing, SAP recommends that security controls such as using authorization groups or creating a custom transaction code for each report or table that the users would need access to be created. Though these options are good to implement, there is a maintenance work involved. Every time a user access to a table or a program, the following maintenance steps need to done by the developers and the security team:

> Developers will have to create a custom transaction

> Security Administrators will have to identify a role to include the transaction code

> The role would need to be transported to the testing environment

> The functionality of the transaction code has to be tested and test results provided.

> After the testing the role gets transported to production where it will be assigned to

> appropriate users.

The above process could take a day or day(s) or sometimes weeks depending on the development and testing.

AdvIT Data Browser & Reporting Utility

The Reporting and Table Data Display Utility program, which has been developed by AdvIT Consulting Inc., provides the customers with an alternative to the above mentioned transaction codes, namely, SA38 (for executing ABAP Reports), SE16 (for view data from tables) and SM30 (for displaying data from Views), with the help one single custom transaction code and without losing the functionality of the above transaction codes.

This utility has been developed to provide as alternative to simulate the functionality of SAP's standard transaction codes, SA38 (for executing reports) and SE16/SM30 (for view table data) via a single custom transaction code.

This utility displays a list of only those reports and tables that the user is authorized to view or has been assigned to access
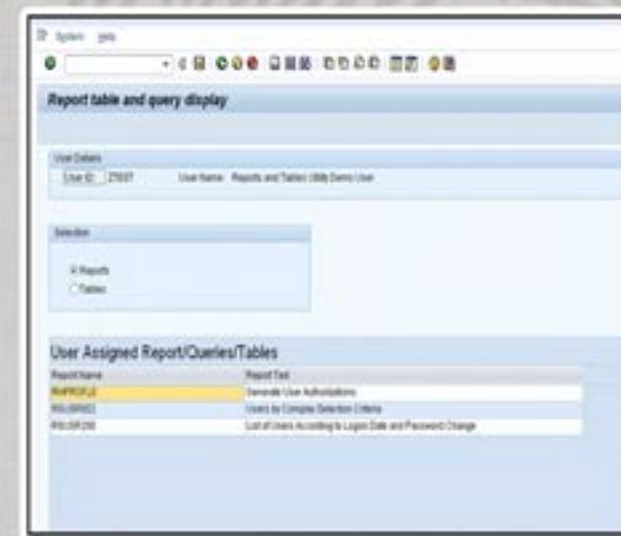
This is an interactive program which allows user to drill down and access the authorized report and table. Further drilldown on the selected object will execute a report or take the user to the selection screen of the table.

This utility is proprietary.

Functionality

This is utility provides the same features and functionality that the users get when they use the transaction code SA38/SE38 (for executing programs) and SE16/SM30 (for viewing data from the tables/views directly) via a single custom transaction code.

All reports and tables accessible with SA38 or SE16/SM30, will be accessible via the utility transaction code

Users can still select variants for the reports as they have done before

Users can add reports to "their" list at any time by submitting an request to production support via their super-user or following the set access request process

Reports can still be run in the background where that option was available with SA38

The look and feel of the actual report and any produced output, does not change

Users will still have the option of downloading the table data as is done using SE16

Audit and Table Logging

Provides for table logging and audit trails of the tables and ptograms assigned to the users and tables used by the users to view the data

Future Features:

1. Access to ABAP Queries

This tool can be further enhanced to provide alternative to SQ00/SQ01 transaction codes.

2. Program/Report Documentation

A feature to view the documentation on the report, if available, can be included in this tool.

3. Table/View Maintenance

Ability to update the contents of tables or views bypassing client settings and S_TABU_CLI restrictions. More or less like using SOBJ

Get it Right the First Time

Secure

Ability to Audit

ADVIT CONSULTING INC.
SAP SECURITY DONE RIGHT—ALWAYS