CSI Role Build & Manage

CSI Role Build & Manage supports the SAP authorization processes with fully automated SAP role building. By documenting all security requirements, the application can build all SAP roles automatically.

The application provides all the tools to shape the future compliant setup of your SAP authorization roles. The role maintenance is also supported with mass user and role creation, updates and deletion.

1.   Functionality and features

CSI Role Build & Manage documents the organizational structure and the authorization values needed for every organizational item (department, user group, affiliate etc.). The strength is that both organizational (company code, plant etc.) and non-organizational values (internal order, authorization group, etc.) can be used, as well as authorization object fields which are not related to the business unit (organizational), but which have technical restriction (functional). Reverse engineering is a unique feature ensuring a quick start. This component defines users, role assignments and builds a concept with (composite) roles**.**

Fully automated translation of codification requirements and mass creation of single and composite roles are the key features. STAD data (user execution statistics) can be merged to have insight in roles and functionalities in use enabling to remove user assignments.

CSI Role Build & Manage adds an additional Quality assurance module that checks the AGR_125x tables. It maintains the audit queries (rule set) and SOD conflicts (role based). Because transaction code access and authorization access is checked separately, inconsistencies in roles can be found. Other features include analysis of deviations between master and derived roles; statistical error reporting such as overwritten organizational values; unused roles; user types, manual and changed authorizations, etc.

CSI Role Build & Manage can simulate and manage the SAP user licenses. Multiple pricelists and cross-system overviews are possible.

Furthermore, the user maintenance of the SAP systems can be supported with CSI Role Build & Manage's user maintenance functionality:

- Synchronize users between CSI Role Build & Manage and SAP
- Password reset (incl. sending emails to the SAP users with their credentials)
- Locking and unlocking SAP users
- Mass creating of SAP user IDs with automatic generated passwords and emailing to the users

2. Benefits

Efficient (ROI):

- Build 10.000 roles in one day
- Automation replaces manual work
- Design documentation is input for automated role building

Effective Security Improvements:

- Roles are streamlined (cross-system)
- Grouping of business units is automatically done
- Context is known (for Security Intelligence)
- Continuous monitoring for errors in roles

Business Enabler

- Simplify your job roles and obtain transparent SAP roles
- Facilitate business empowerment and data governance
- Fast integration in case of mergers or de-mergers
- Re-use requirements for new SAP systems (CRM, SRM, …)
- Fast access implementation of SAP in new countries
- Fast authorization implementation of new modules in SAP

3. Software as A Service (SaaS)

CSI Role Build & Manage is also available as SaaS license.

Our SaaS environment (also dedicated available). Has advantages, compared with local installation:

High adoption CSI Role Build & Manage SaaS application is available from any computer or any device—any time, anywhere. Because most people are familiar with using the Internet to find what they need.

Lower initial costs. CSI Role Build & Manage SaaS application is subscription based. No license fees mean lower initial costs. Having CSI tools manage the IT infrastructure means lower IT costs for hardware, software, and the people needed to manage it all.

Painless upgrades. Because CSI tools manages all updates and upgrades, there are no updates for customers to download or install. CSI tools also manages availability, so there's no need for customers to add hardware, software, or bandwidth as the user base grows.

Seamless integration. CSI tools can scale indefinitely to meet customer demand. CSI tools also offer customization capabilities to meet specific needs. Plus, a VPN connection to your SAP system is possible so you can fully automate and integrate with the SAP systems.

4. Client Server License vs SaaS license

	Client/ Server license	SaaS license
(Automatically) build and maintain SAP roles	✓	✓
Mass user maintenance	✓	✓
Audit and analyze SAP roles on SoD conflicts and granting too broad access rights	✓	✓
Analyze if SAP roles are defined correctly	✓	✓
Check content of SAP roles across OTAB	✓	✓
Analyze deviations between master and derived roles	✓	✓
SAP license audits	✓	✓
Multi-users can work simultaneously	✓	✓
Web-based reporting and simulation	✓	✓
Automated report distribution	✓	✓
Integration with SAP environment via RFC connection	✓	
Integration with SAP environment via RFC and VPN connection		✓
Subscription Based		✓
Updates & availability managed by CSI tools		✓