

## Fully automated SAP® role building & maintenance

Supports the SAP role build and maintenance process: by documenting all security requirements centrally, the application can build all SAP roles automatically.

## (Mass) role maintenance & simulation

The strength is that both organizational as well as non-organizational values (like movement & document types) can be used to derive roles on single and composite role level. Reverse engineering can be used to document the values. Simulation of impact, while performing mass role maintenance, provides full insight during the (mass) role building phase. Supports simplification of a role concept that business understands.

## Auditing risks & SoD conflicts during role building

Audit the roles on risks and Segregation of Duty conflicts in the role design phase. A pre-defined ruleset with Segregation of Duty conflicts is included. Transaction codes and authorization values are checked separately to verify correctness of the roles.

## Remediating risks & SoD conflicts with impact analysis

Information of executed transactions gives insight for remediating the risks: directly remove the roles from users if they are not being used and directly adjust transactions and authorizations from roles that are not being executed by users. Changes on role content can be simulated on impact.

## Track & solve role inconsistencies

Insight into role deviations between master and derived roles, deviations between role content and role descriptions, inconsistencies of assigned organizational and non-organizational values and correctness of role content.

## Mass user maintenance

Mass user management is included, this includes (mass) password resets, (mass) (un)locking and (mass) creation of users.

## SAP License Audit

The license audit functionality provides insight into correct assignment of SAP user licenses. Multiple pricelists and cross-system overviews are possible.

## Digital monitoring

Integrated transaction monitoring and access certification can be used to clean up roles. Comparison of results and role concepts over time provides insight into the cleaning process.

## Mass profile maintenance

Includes functionality to (mass) maintain the SAP profiles. CSI RBM supports all role concepts, including ABAC and RBAC.



### Efficient (ROI)

- Build 10.000 roles in one day
- Automation replaces manual work
- Central documentation to automate role building & check inconsistencies

### Effective Security Improvements

- Roles are streamlined (cross-system)
- Grouping of business units is done automatically
- Documented role content
- Continuous monitoring for errors in roles
- Simulation of impact prevents risks

### Business Enabler

- Simplify 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
- Fast access implementation of SAP in new countries
- Fast authorization implementation of new SAP modules

### Advantages of CSI Role Build & Manage SaaS

- High adoption - available from any computer or device
- Lower initial costs - no license fees & CSI tools manages IT
- Painless upgrades - CSI tools manages updates & upgrades
- Seamless integration - customization possibilities to meet specific needs



PC license vs. Client/Server license vs. SaaS license	PC	C/S	SaaS
(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	✓	✓	✓
Multiple users can work simultaneously		✓	✓
Web-based reporting and simulation		✓	✓
Automated report distribution		✓	✓
Integration with SAP environments via RFC connection	✓	✓	
Integration with SAP environment via RFC and VPN connection			✓
Subscription based			✓
Updates and availability managed by CSI tools			✓



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