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SAP Access Controls

Deloitte has a four-stage plan for implementing SAP access and authorisation controls products which integrates into the SAP GRC roadmap

Key to aligning your SAP environment with your Governance, Risk and Compliance (GRC) needs is sustaining robust authorisation controls by maintaining a strong access control strategy and practice. It is an area that has historically proved difficult to manage, monitor and sustain. SAP's access and authorisation control tools provide a robust, proven access management and monitoring solution and are a core component of SAP's GRC product suite and vision.

Deloitte can help you re-evaluate key segregation of duties (SoD) requirements in the context of your current business processes and user roles, in addition to helping you align and sustain access control within your business systems. We do this utilising SAP's access and authorisation control technology which is both cost effective in execution and provides enhanced visibility of control effectiveness for management and auditors.

SAP's access and authorisation control suite contains four modules that address key operational issues:

Access Risk Analysis – Provides an automated SoD analysis tool that identifies conflicts and reports on violations with realtime drill down capability to the root cause of the conflict. It also provides 'what if' analysis, allowing you to prevent security and control violations before they occur.

Role Management – Provides a role definition, testing, maintenance and documentation environment for Administrators and Business Managers, enabling them to work together in an integrated manner. The roles can be designed using Access Risk Analysis to ensure that the permissions provided meet your control objectives. This helps to standardise and control role management across your organisation.

Access Provisioning – Enables compliant user provisioning across SAP applications from 'hire to retire' through a web-based approval process. Driven by workflow, the system automatically obtains approvals, confirms SoD rules are not broken and notifies the user of their password. Access Provisioning can be used in conjunction with the SAP HR organisational structure enabling simplified position-based security to become an effective reality. Access Provisioning can also be integrated with your identity management solution.

Centralized Emergency Access – Provides a controlled means for access to emergency or highly sensitive activities that are performed either on an ad hoc basis by the support user or the super business users, or monthly/annual activities that need to be restricted at other times within the production environment. All activity undertaken by users granted access via FireFighter is fully tracked and logged providing management and auditors with a full and referenced audit trail.

Benefits of SAP access and authorisation control tools

Using SAP access and authorisation control tools will allow your business to:
- Provide global visibility and control over who has access to what activities across your business applications
- Report on critical access violations in a consistent manner measured against best practice metrics
- Establish a consistent process for managing access that keeps your system 'clean' and your business and IT department talking
- Gain confidence that your systems will meet your audit and compliance requirements
- Enhance best practice security management to support future regulatory requirements
- Achieve compliance at a lower cost through automation of access and SoD controls, centralised testing and the use of 'what if' analysis
- Support and maintain your SAP system with minimum risk to business as usual activities

How Deloitte Can Help

Deloitte and SAP are global partners for the delivery of SAP GRC. Deloitte has a proven track record in implementing SAP access and authorisation controls products.

Deloitte has a four-stage plan for implementing SAP access and authorisation controls products which integrates into the SAP GRC roadmap:

1 Quick Start
• Analyse pre-existing risk and control landscape
• Install software and generate the first reports to identify high priority areas for remediation

2 Achieving a compliant status
• Benchmark and analyse standard rule set
• Eliminate role level conflicts
• Resolve user level conflicts
• Ensure compliance requirements are met
• Transfer ownership of access controls to business process owners
• Refine the software configuration for accurate reporting and optimal performance

3 Dealing with exceptions, privileged access and outsourcing partners
• Define processes to manage exceptions and privileged access
• Define governance procedures for managing access granted to third parties and outsourcing partners

4 Sustaining compliance
• Define integration between access controls and the control framework
• Include SAP access and authorisation controls in existing process and technology change management
• Assign ownership for monitoring of access
• Transform user access management processes to business as usual activities

Figure 1 is based on SAP's access and authorisation controls model
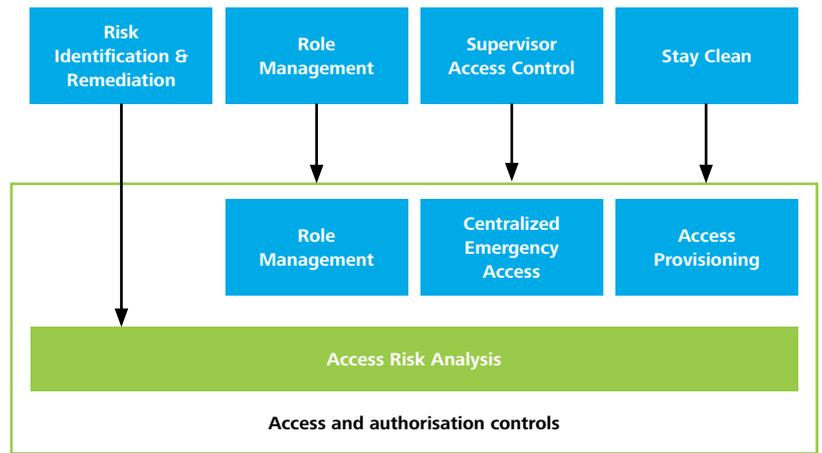
Deloitte Services

Deloitte has consistently been a leader in Governance, Risk and Compliance, an area where selecting a strategic partner who has a deep understanding of the issues is essential. Deloitte can help create a Governance, Risk and Compliance vision that is sustainable through:

• A long term GRC roadmap. While access controls are vital we recognise that they are only a component of a GRC programme. We have our eye firmly on the end goal.

• A robust methodology. There is a real difference between installation and implementation. Deloitte has a detailed methodology for the implementation of SAP access and authorisation controls.

• Deep technical skills. Deloitte has one of the largest global SAP practices. We have a long track record of SAP implementation, controls assurance and risk consulting.

• Strategic Partnership with SAP. Deloitte has a strategic relationship with SAP to deliver GRC solutions to the market.

Deloitte is a name known and trusted by key stakeholders including Boards, Audit Committees and ultimately markets. We are the most diverse Professional Services and Consultancy firm, thereby maintaining access to a wealth of experience that is not available to our direct competitors.

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