SAP BusinessObjects™

**SAP Solution Brief**
SAP BusinessObjects Governance, Risk, and Compliance

SAP BusinessObjects Access Control

# CONFIDENTLY MANAGE ACCESS RISK

## REDUCE ACCESS RISK ACROSS THE ENTERPRISE

The SAP® BusinessObjects™ Access Control application enables businesses to manage and reduce access risk with confidence across the enterprise. The application prevents unauthorized access, minimizes the time and cost of access risk management, and achieves real-time visibility into access risk.

As regulatory requirements increase, companies struggle to comply with new regulations, often by adding multiple compliance teams across departments and relying on manual compliance processes. With thousands of users, roles, and processes to test and with multiple compliance applications taxing IT resources, excessive time is spent documenting processes for auditors instead of focusing on business operations. This fragmented and costly approach to managing access risk leads to reactive – rather than proactive – access risk prevention, inefficient compliance processes, and a lack of real-time visibility into access risk.

A solution is needed that supports faster remediation and mitigation of access risks across all enterprise applications, reduces the burden on IT resources, and minimizes the cost of complying with regulatory requirements. The SAP® BusinessObjects™ Access Control application addresses these challenges by establishing a process that continuously monitors privileges across the enterprise. In automating compliance activities, the software can help you manage a unified governance, risk, and compliance (GRC) strategy. It equips your company to prevent unauthorized access and minimize the time and cost of access risk management. You will benefit from real-time visibility into access risk.

### Prevent Unauthorized Access

SAP BusinessObjects Access Control lets you identify access risk swiftly with a comprehensive rule set that represents the business process expertise and best-practice experience gained by SAP over many years. The rules, which can be customized and configured based on your company's needs, support a granular risk analysis of users and role definitions.

#### Real-Time Risk Analysis for SAP and Non-SAP Environments

The application enables you to monitor access risk and user assignments continuously based on real-time data from SAP software; Oracle software including PeopleSoft, JD Edwards, and Hyperion; and other legacy and custom applications used across the enterprise. Such cross-application integration enables standardization and prevents duplication of effort, thereby reducing the time spent analyzing existing permissions for potential risks. The robust reporting functionality of SAP BusinessObjects Access Control allows you to sort segregation-of-duty (SoD) violations by role, business process, and user as you review the root cause of a violation. Stakeholders can then resolve conflicts and reduce risk by mitigating the violation.

### Proactive Management of Mitigating Controls

To prevent unauthorized risk, a manager must decide how to mitigate a violation. One way is to remove authorization to perform one of two conflicting business functions when, for example, an employee is authorized to create a new vendor and pay a vendor. If both functions are required, the manager can choose an appropriate mitigating control and assign a monitor to oversee that the mitigating control is carried out. Mitigating control assignments and the employees assigned to monitor them can be certified periodically for accurateness. Reports provide comprehensive evidence for auditors of how access risks are mitigated.

## Minimize the Time and Cost of Access Risk Management

The money and resources required to enforce access control, SoD rules, and compliant user provisioning on a continual basis can be overwhelming for many companies. Even after conducting an initial compliance check, new access control risks may arise on a daily basis as user roles and business needs change and new regulations are introduced. SAP BusinessObjects Access Control helps organizations prevent access risk by embedding compliance right into business processes. The software automates all aspects of access risk management to minimize the amount of time required to manage access risk.

### Embedded Access Risk Analysis in Role Management Processes

SAP BusinessObjects Access Control offers a collaborative process for business users to manage roles centrally. The application translates technical access risks into common business language, facilitating improved collaboration between IT and business owners. By incorporating SoD rules into the role design and role creation process, the application allows you to define compliant roles proactively. The flexible role-building methodology in the application guides you through a step-by-step process of building new roles. Business role management with preventive access risk simulations keeps roles compliant from the start.

The application enables automated and compliant user provisioning throughout the employee lifecycle to prevent SoD violations. Customizable, template-based user access request forms allow you to tailor forms dynamically based on the user and system accessed. This streamlines the request process, so only the most relevant data is requested from the end user. Users can request the roles they need more easily, and approvers make informed decisions faster. Integration with market-leading identity management solutions makes it possible for SAP BusinessObjects Access Control to support compliant identity management across the entire software landscape, thus addressing the requirements of CFOs and CIOs.

### Streamlined and Automated Reviews of User Access

SAP BusinessObjects Access Control automates certification reviews to help ensure users have authorizations appropriate to their job responsibilities. This also helps you prevent users from accumulating accesses over an extended period of time. A user-friendly interface supports you in performing reviews of user access, SoD risk, and business roles. Manual effort is eliminated, and the productivity of managers is increased. Comprehensive audit reports reduce audit time, reduce cost, and increase operational efficiency.

## Achieve Real-Time Visibility of Access Risk

As the needs of a business evolve, role definitions change. Employees are promoted. Access privileges are modified constantly. Management cannot maintain a clear view across the enterprise to assess current risk exposure based on reports containing periodic data. What is needed is software that analyzes and compares rules and detects potential risks based on real-time data. Without this support, business owners cannot be truly accountable for preventing risk. SAP BusinessObjects Access Control delivers comprehensive functions for analysis, alerts, and reporting. These functions provide immediate visibility of the current risk situation and enable business-owner accountability.

### Centralized Management of Emergency Access

Granting emergency access represents one of the most common audit issues companies experience today. SAP BusinessObjects Access Control includes functionality that authorizes users to perform activities outside their role using "firefighter" login IDs with superuser privileges in a controlled, auditable environment. The application centralizes emergency access and administration for all SAP software, reducing administration redundancies and enhancing visibility to prevent users from being granted excessive exception-based access.

The software tracks, monitors, and logs every action a user performs while logged in with the privileged user ID. Automated workflows generate log reports that are saved and available for review anytime afterward. When reviewing them, supervisors have the opportunity to request additional justification from the firefighter or to forward questionable activity to others for review. Audit time is minimal because detailed logs are available for auditors immediately and can be reviewed and signed off in advance of the official audit report. In addition, the software significantly reduces the time required to grant emergency access privileges and review for exceptions.

### Integrated Reporting and Analytics

The integrated reporting and analytics functions of SAP BusinessObjects Access Control offer management real-time visibility into access risk, which helps them manage it more effectively. Management can leverage automated, prebuilt reports to gain visibility in key access control areas. They include:

- User provisioning reports, which display all user access reviews and access approvals
- Potential risk reports, which highlight users with SoD conflicts who have the potential to make mistakes or commit fraud
- Actual risk reports, which display transactions executed by users that constitute an SoD violation
- Policy reports, which review the SoD rules library and allow management to make updates and changes to business processes to reflect changes in the regulatory environment, with management provided the opportunity to review mitigation controls and assess their effectiveness
- Emergency access reports, showing which employees have used superuser privileges and what tasks were performed using that access

These comprehensive functions for analysis, alerts, and reporting enable you to reduce the time required to research and resolve issues related to SoD issues and gain immediate visibility of the current risk situation. In addition, integration for automated testing of SoD controls can provide visibility into the efficacy of mitigating controls.

## Summary

SAP BusinessObjects Access Control is one of the SAP BusinessObjects governance, risk, and compliance (GRC) solutions. Additional solutions include the SAP BusinessObjects Process Control application, the SAP BusinessObjects Risk Management application, and the SAP BusinessObjects Global Trade Services application. These solutions share a single user interface and key data used in, for example, business processes and controls. Important GRC processes, such as control monitoring, are created once and can then be used by all the SAP BusinessObjects GRC solutions for a truly unified GRC strategy and lower total cost of ownership.

SAP BusinessObjects Access Control equips businesses to monitor privileges continuously across the enterprise, automate compliance activities, and achieve real-time visibility of access risk. This results in reduced access risk, fewer adverse compliance events, improved operational efficiencies as a result of reduced audit time and cost, and immediate visibility of the current risk situation.

SAP BusinessObjects Access Control helps organizations prevent access risk by embedding compliance right into business processes.

### Find Out More

For more information about the SAP BusinessObjects Access Control application, call your SAP representative or visit us online at www.sap.com/sapbusinessobjects/access_control.

# QUICK FACTS

www.sap.com/contactsap


## Summary

The SAP® BusinessObjects™ Access Control application, part of the SAP BusinessObjects governance, risk, and compliance (GRC) solutions, provides a single solution to manage a centralized GRC strategy. The application equips businesses to monitor privileges continuously across the enterprise, automate compliance activities, and achieve real-time visibility of access risk. You benefit through reduced access risk, fewer adverse compliance events, improved operational efficiencies due to reduced audit time and cost, and immediate visibility of the current risk situation.


## Business Challenges

- Prevent unauthorized access before it happens rather than react to violations
- Streamline fragmented and manual processes, which can burden resources
- Help business owners understand technical authorizations in terms of business processes
- Reduce time spent documenting processes for auditors
- Rapidly perform risk analysis across all enterprise applications

## Key Features

- **Continuous monitoring of access risks across the enterprise** – Reduce the burden on IT resources and minimize the cost of complying with regulatory requirements
- **Preventative access risk simulations** – Keep business roles and access privileges compliant from the start
- **Identity management** – Manage compliant identities through integration with market-leading identify management solutions
- **Integrated reporting and analytics** – Provide visibility to effectively manage access risk

## Business Benefits

- **Reduced access risk and adverse compliance events** through efficient, streamlined remediation and mitigation of access risk across the enterprise
- **Prevention of access risk** by embedding compliance into business processes
- **Immediate visibility of current risk** through comprehensive functions for analysis, alerts, and reporting
- **Improved operational efficiencies** as a result of reduced audit time and cost

## For More Information

Call your SAP representative or visit us online at www.sap.com/sapbusinessobjects/access_control.


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