Turning risk into results
Enabling access management with SAP GRC
What we are seeing in the market

Primarily driven by the Sarbanes-Oxley Act of 2002, the last 10 years have seen a considerable increase in efforts around resolving audit issues associated with segregation of duties (SoD) and sensitive and excessive access. As a result, many companies implemented GRC access management solutions such as SAP GRC Access Control. However, a lot of companies focused on the short-term goal of audit remediation, so they were not able to achieve the full value of a GRC access management solution.

This is the right time to learn about opportunities to transform your access management program. Enabling an SAP GRC Access Control solution can help:

- Lower the cost of access management and related audit activities through centralization and automation
- Improve sustainability by centralizing and standardizing methodologies, processes and components
- Increase effectiveness of access processes through integration with other SAP GRC modules and focus on critical foundational components such as role design and organizational alignment

Our recent EY global information security survey of more than 1,700 senior information security and IT leaders found that 46% of respondents ranked internal threats as a significant concern. Fully deploying SAP GRC Access Control while focusing on improving access management fundamentals will help address that risk while reducing cost and improving value.

What are the opportunities at your company?

<table>
<thead>
<tr>
<th>Typical current state</th>
<th>Mature state</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increasing complexity</td>
<td>Simplified</td>
</tr>
<tr>
<td>□ Multiple and manual access management processes</td>
<td>□ Significant workflow automation in user access processes</td>
</tr>
<tr>
<td>Reactive</td>
<td>Proactive</td>
</tr>
<tr>
<td>□ Fragmented, manual and ad hoc reporting</td>
<td>□ Mandatory SoD checks in the request process</td>
</tr>
<tr>
<td>□ Limited visibility to risks</td>
<td>□ Dashboard-level reporting on user access process, firefighter usage logs and real-time SoD reports analytics and trending</td>
</tr>
<tr>
<td>Consistent failures</td>
<td>Compliant</td>
</tr>
<tr>
<td>□ High instances of access violations</td>
<td>□ Compliant SAP role design and standardized user access management processes</td>
</tr>
<tr>
<td>Cost pressures</td>
<td>Cost-efficient</td>
</tr>
<tr>
<td>□ Manual and inconsistent processes lead to higher IT costs</td>
<td>□ IT security operational efficiencies via SAP GRC automation and standardization</td>
</tr>
<tr>
<td>□ Significant impact on business</td>
<td>□ Automation of access provisioning activities</td>
</tr>
<tr>
<td>Inconsistent approach</td>
<td>Consistent</td>
</tr>
<tr>
<td>□ Inconsistent role design approach across business processes</td>
<td>□ Globally standard roles across business processes and standard user access management processes for application systems</td>
</tr>
</tbody>
</table>
SAP GRC Access Control can enable your risk agenda

**Enhance risk strategy**
- Improved alignment to the objectives and strategy of the business
- Improved visibility to risks that matter most to the organization
- Proactive identification of risks
- Enhanced decision-making

**Embed risk management**
- Comprehensive and continuous risk management and monitoring
- Central management of financial, operational and compliance risks and controls across organization

**Improve controls and processes**
- Better aligned risk coverage, including the identification of stronger, more pervasive controls
- Reduced level of effort associated with performing and testing controls
- Increased control and process efficiencies enabled through automation and continuous monitoring
- Improved control mix that addresses key business risks while driving process efficiencies

**Optimize risk management functions**
- Elimination of duplicate and fragmented risk management activities
- Increased integration and coordination among business, IT and compliance
- Sustainability of risk management process
- Effective top-down and bottom-up reporting

**Resulting in the following benefits:**

- Increased integration and coordination among business, IT and compliance
- Real-time notification of potential access issues based on established business rules
- Sustainability of access management process
- User-friendly reporting

- Reduced audit costs due to a reliable and automated access management environment
- Cost avoidance associated with audit failure
- Efficiencies associated with preparation and analysis of SoD reports
- Reduction in the number of manual controls required to be designed and operated to mitigate access-related issues
- Elimination of redundant and excessive access management procedures
- Streamlined access approval process

- Identification of access anomalies indicating possible fraudulent activities through alerts
- Continuous access control and SoD management and monitoring
- Enhanced visibility to access-related risk exposure at the enterprise (i.e., cross-application, cross-business process)
- Super-user access management
- Early detection of potential access issues through scenario analysis before performing changes to user and role access
Next steps to improve your risk management landscape

Rapid SAP access diagnostic provides accelerated current state assessment of your SAP access processes and technology, allowing you to identify realizable value and develop a future state road map to achieve it.

SAP GRC demo facilitates mapping of business requirements to SAP GRC functionality and could be used to develop an initial business case for implementing SAP GRC.

EY SAP GRC Accelerated Analytics Workbench: a tool that presents SoD conflicts in a business-friendly format and helps identify key risks and pain points and determine initial remediation.

SAP GRC demo environment: demo environment for all the latest versions of software, including SAP GRC 10.0 for Access Control, Process Control, Risk Management and Global Trade Services.

SAP role design benchmarking: key metrics enabling an organization to compare its SAP role design against other companies and leading practices.

EY RiskUniverse®: industry-specific risk universes, process-normative models and key business risks linked to application-specific controls that can be used to customize SAP GRC demos.

Why EY?

› Global and flexible approach with a focus on SAP GRC
› Knowledgeable team with practical experience in process, risk and technology disciplines
› Industry-specific content and enablers
› Leading-practice assessment diagnostics and leverage models
› Service delivery model design and key performance indicators

Our services

› Rapid GRC technology diagnostic
› GRC technology vendor selection
› GRC technology implementation and assessments
› Risk transformation enabled by GRC technology

EY | Assurance | Tax | Transactions | Advisory

About EY

EY is a global leader in assurance, tax, transaction and advisory services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

EY refers to the global organization, and may refer to one or more, of the member firms of Ernst & Young Global Limited, each of which is a separate legal entity. Ernst & Young Global Limited, a UK company limited by guarantee, does not provide services to clients. For more information about our organization, please visit ey.com.

© 2014 EYGM Limited. All Rights Reserved.

EYG/OC/FEA no. XX0000
1403-1222661 EC
ED 0115

This material has been prepared for general informational purposes only and is not intended to be relied upon as accounting, tax, or other professional advice. Please refer to your advisors for specific advice.

ey.com