RouteONE – Helping enhance the real value from SAP GRC Access Control
## Business context:
Governance, risk and compliance

## Implementation:
A challenge in itself

## Approach overview:
SAP GRC Access Control

## RouteONE:
Overview

## RouteONE:
For Access Control

## RouteONE:
Toolkit for Access Control

## Want to learn more?
Insights on governance, risk and compliance

## Contacts
Governance, risk and compliance

Effective management of risk is not only a regulatory requirement, but is increasingly seen as a crucial element in enhancing performance and driving competitive advantage. However, it can appear a complex and demanding challenge. During our recent Governance, Risk and Compliance (GRC) survey of companies that run SAP as their core ERP system, 44% of the respondents say risks are extensively considered as part of their organizations strategic and business planning process.¹

As auditors and regulators become more stringent and demands for compliance grow, organizations that take security and compliance seriously know that they must put in place integrated systems to manage GRC. Often, this means transitioning from manual risk management processes and spreadsheets to an automated approach and, for many SAP users, the implementation of SAP’s GRC suite starts with the Access Control module.

A challenge in itself

Once your organization has decided to move forward with SAP Access Control, the next challenge is the implementation process. Different businesses have different requirements and, with multiple stakeholders bringing their demands to the table, traditional implementations can become time-consuming, disruptive to operations and expensive to run. There are various rapid deployment options available to expedite the transition, but using a template-style process will usually only deliver a standard, "vanilla" solution that falls short in meeting your specific customised requirements. Such an approach often results in a system that isn't fully accepted by the end users.

¹. There’s no reward without risk: EY GRC Survey 2015, EY, 2015.
SAP GRC Access Control

SAP GRC Access Control replaces manual GRC processes and can offer real-time visibility into the organisation’s risk position, control over unauthorized access and a potential reduction in the overall cost of access compliance.

### Key features

- Automatic detection and remediation of access risk violations across SAP and non-SAP systems
- Embedded compliance checks and risk mitigation
- Empowered users with self-service, workflow driven access requests and approvals
- Automated reviews of user access, role authorizations, risk violations and control assignments
- Managed privileged access control with a centralized, closed-loop process
- Audit trails of user and role management activities

Innovative thinking for an advanced approach

RouteONE was born out of a vision to rethink how SAP GRC gets implemented and used. Having delivered many such projects, we sensed that there must be a way to leverage our experience and knowledge. From that came the inspiration for a transformational approach — a different way of helping users to really understand how to manage risk better within their business, with meaningful insights and relevant reporting. Key in this was the innovative approach to build a robot that can build a system reliably and quickly, accommodating specific user requirements. This robot – now called QuickBuilder – has been creating customized SAP GRC systems for clients in a fraction of the time it can take, and providing a transformational approach to how organizations implement and use SAP GRC.

Is there a faster, better, more affordable option?

Offering an improved outcome, aligned with what users need, and delivering easily and quickly, RouteONE from EY combines a robust yet streamlined methodology with advanced automated tools and a comprehensive library of pre-built, leading-practice content. RouteONE enables us to automate many deployment tasks and, therefore, focus more time on real value-added activities. This includes a continual emphasis on benefits realization and on helping your business users embrace the new system. Built into the RouteONE approach is our Engaging Risk methodology and a portfolio of technologies such as mobile apps and dashboards. Engaging Risk helps create a more engaging user experience, which helps lead to greater adoption and, potentially, better outcomes.

Available for a range of SAP GRC options, not just Access Control, RouteONE helps remove some of the obstacles to a smooth GRC implementation project.
Instead of manually configuring the strategy for your company, or forcing your organization to fit into a standard template, RouteONE helps map out a strategy on the basis of proven implementation projects and then helps customizes it specifically for you. RouteONE can even create a draft version of your system, using available content and defaults, early in the design phase to give you the unique benefit of hindsight in advance. The detailed design-blueprint approach of RouteONE also supports the automation of several elements of the process, potentially saving time and money, and helping improve accuracy for a better overall outcome.

RouteONE can now act as the foundation for our projects, equipping our skilled and experienced consultants with an advanced toolkit – enabling them to deliver better results.

EY's experience has been channeled into RouteONE

- Hundreds of people with **real-world experience** in GRC
- **In-depth knowledge** of GRC leading practices
- Thousands of man years involvement in risk & compliance

**“Implement and operate” toolkit**

**QuickBuilder Engine**
- Help build and configure an approach that suits your needs in the shortest possible time.
- Configuring complex customized approaches as standard options.
- Enable rapid deployment with correct results first time.

**GRC Content**
- Utilize knowledge from past projects, combined with the latest thinking, to provide comprehensive content.
- Pre-built materials that enable faster, more holistic outcomes.
- Continuously improving as EY encounters further concepts, experiences and leading practice.

**Tools, utilities and accelerators**
- Help reduce the manual tasks involved in deployment, such as data entry and testing, to help save time and increase accuracy.
- Potentially reduce the required testing and validation times as a result.
- Analyze current approaches to help improve accuracy of change project scoping.
RouteONE overview

1. Accelerated scoping template and business case
2. Automated deployment:
   - QuickBuilder for fast system-build
   - QuickLoader for fast mass-data uploads
   - Hindsight in Advance visualisation
3. EY’s controls catalog:
   - A set of tested controls, proven in the real world
   - Highly automated, leveraging EY’s IT competency
   - Expansive, covering more than 500 control points
4. Example data used in hundreds of managed test plans and control assessments
5. RouteONE Engaging Risk implementation methodology

RouteONE for Access Control

The RouteONE methodology helps you to successfully deploy SAP GRC Access Control with potential reduced costs and improved timeframes.

Key benefits

**Better:**
- A tailored approach that focuses on specific business requirements and realizing benefits
- Engaging risk competence, training and consumer-like interfaces to help execute end-user adoption
- Improved accuracy through automated data entry
- The potential to fix the go-live date

**Faster:**
- Rapid yet proven methodology to help reach go-live quicker – up to half the time it would take a more traditional approach

**More affordable:**
- Potential for reduced project costs, with a focus on resultant operations and usage
- The option of fixing price and scope to remove the risk of running over budget

RouteONE toolkit

<table>
<thead>
<tr>
<th>QuickBuilder Engine</th>
<th>GRC Content</th>
<th>Tools, utilities and accelerators</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP GRC Access Control</td>
<td>RouteONE for access control</td>
<td>Integrated SAP+ SoD Rule Set</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mitigating control library</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Test scripts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dashboards</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mitigating control and firefighter</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Master data uploader</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Transaction data uploader</td>
</tr>
</tbody>
</table>

The RouteONE methodology is available to implement SAP Access Control, SAP Process Control, SAP Risk Management and Security for SAP.
Want to learn more?

*Insights on governance, risk and compliance* is an ongoing series of thought leadership reports focused on IT and other business risks, and the many related challenges and opportunities. These timely and topical publications are designed to help you understand the issues and provide you with valuable insights about our perspective. Please view our *Insights on governance, risk and compliance* series at [www.ey.com/GRCinsights](http://www.ey.com/GRCinsights).

- There’s no reward without risk: EY’s global governance, risk and compliance survey 2015 [ey.com/GRCInsights](http://ey.com/GRCInsights)
- Maximizing value from your lines of defense [ey.com/LOD](http://ey.com/LOD)
- Centralized operations: the future of operating models for Risk, Control and Compliance functions [ey.com/GRCInsights](http://ey.com/GRCInsights)
- Step up to the challenge: helping Internal Audit keep pace with a volatile risk landscape [ey.com/IArisks](http://ey.com/IArisks)
- Improve your business performance: transform your governance, risk and compliance program [ey.com/transformGRC](http://ey.com/transformGRC)
- Expecting more from risk management: drive business results through harnessing uncertainty [ey.com/REPM](http://ey.com/REPM)
- Unlocking the value of your program investments: how predictive analytics can help in achieving successful outcomes [ey.com/PRM](http://ey.com/PRM)
- Harnessing the power of data: how Internal Audit can embed data analytics and drive more value [ey.com/IAanalytics](http://ey.com/IAanalytics)
- Metrics matter: How Internal Audit can help organizations assess performance measurement [ey.com/GRCInsights](http://ey.com/GRCInsights)
- Enhancing your security operations with Active Defense [ey.com/GRCInsights](http://ey.com/GRCInsights)
- Expecting more from risk management: drive business results through harnessing uncertainty [ey.com/REPM](http://ey.com/REPM)
- Unlocking the value of your program investments: how predictive analytics can help in achieving successful outcomes [ey.com/PRM](http://ey.com/PRM)
- Harnessing the power of data: how Internal Audit can embed data analytics and drive more value [ey.com/IAanalytics](http://ey.com/IAanalytics)
- Metrics matter: How Internal Audit can help organizations assess performance measurement [ey.com/GRCInsights](http://ey.com/GRCInsights)
- Enhancing your security operations with Active Defense [ey.com/GRCInsights](http://ey.com/GRCInsights)
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.

About EY’s Advisory Services

In a world of unprecedented change, EY Advisory believes a better working world means helping clients solve big, complex industry issues and capitalize on opportunities to grow, optimize and protect their businesses.

From C-suite and functional leaders of Fortune 100 multinationals to disruptive innovators and emerging market small and medium-sized enterprises, EY Advisory works with clients — from strategy through execution — to help them design better outcomes and realize long-lasting results.

A global mindset, diversity and collaborative culture inspires EY consultants to ask better questions. They work with their clients, as well as an ecosystem of internal and external experts, to create innovative answers. Together, EY helps clients' businesses work better.

The better the question. The better the answer. The better the world works.

© 2016 EYGM Limited. All Rights Reserved.

EYG no. 00461-162GBL
BMC Agency
GA 0000_05058

ED None

In line with EY’s commitment to minimize its impact on the environment, this document has been printed on paper with a high recycled content.

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/sap

Follow us on Twitter: EY_SAP