

Objectives

Solution

Benefits

Quick Facts

SAP Solution Brief

SAP Governance, Risk, and Compliance Solutions

Reimagine Risk and Compliance with Integrated, Automated, and Embedded Solutions

THE BEST RUN



Achieve Business Objectives While Addressing Risk

As the risk landscape continues to evolve, threats such as globally disruptive events, cyberattacks, data privacy breaches, and fraud are intensifying. Achieving business objectives in this environment will require **simplifying and embedding controls and risk management within systems and processes** and gaining early – even predictive – insight into anomalies and potential risks.

**Achieve Business Objectives
While Addressing Risk**

SAP® governance, risk, and compliance (GRC) solutions help enable risk-adjusted management while driving down risk and compliance costs and building trust. These integrated solutions can be embedded into the very foundation of your business operations and digital transformation projects, automating GRC activities and providing real-time visibility and control. You can more easily monitor risk and control status, integrate systems and processes, and unify GRC on a common technology platform.

Together, SAP GRC solutions give decision-makers the insights needed to adjust objectives and strategies, as well as to predict, detect, and respond to business opportunities and threats. For example, they can see which risks stand in the way of objectives and how a risk has been addressed to date, visualize links between root causes and impacts, identify unusual patterns, and continuously monitor risks enterprise-wide. And because SAP GRC solutions enable people to manage by exception, they can stay focused on what's most important.

Comprehensive, Integrated GRC for Real-Time Visibility

Deploying the right technology in the right places is critical to managing processes and securing your data across the enterprise. That's why SAP offers a comprehensive, integrated portfolio of solutions that helps secure applications and

day-to-day interactions – both those inside and outside your organization – while mitigating risk and gaining visibility into existing and future threats (see the [figure](#)).



SAP GRC solutions enable people to **manage by exception**, so they can stay focused on what matters most.

Comprehensive, Integrated GRC for Real-Time Visibility

Integrated Risk, Controls, Compliance, and Audit Solutions

Identity and Access Management Solutions

Cybersecurity Solutions

Data Protection and Privacy Solutions

International Trade Management Solutions

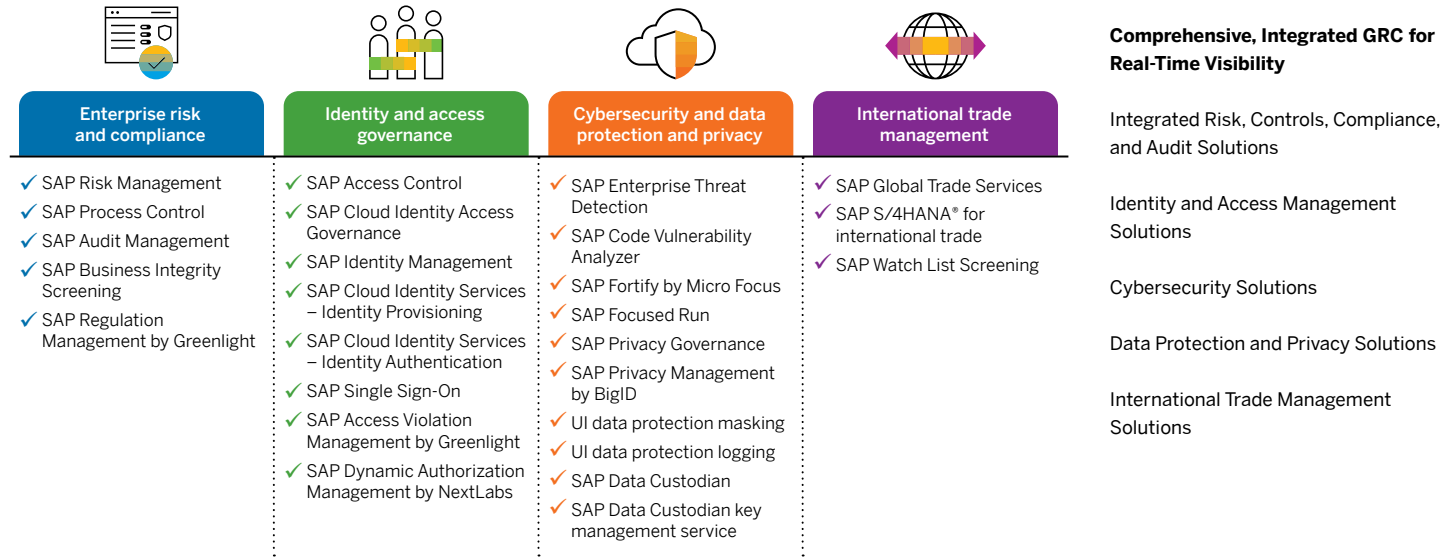


Figure: SAP® Governance, Risk, and Compliance Solutions

Integrated Risk, Controls, Compliance, and Audit Solutions

With SAP GRC solutions, you can support your “Three Lines” model (the best practice recommended by the Institute of Internal Auditors and others); centrally document, monitor, and manage risks; and provide governance for global compliance processes. Start with your business objectives, and then use the following integrated solutions to align risk management and controls, establish and test policies, develop response plans and reports, audit core processes, and more:

- **SAP Risk Management application:** Now, you can not only know the risks your organization faces but also understand their root causes and related impacts and the status of risk mitigation actions. Use this application to formalize how

you plan, identify, analyze, monitor, and respond to risks that drive business value, as well as automate risk indicators and controls to reduce redundancy and the cost of managing risks.

- **SAP Process Control application:** Enable comprehensive, effective, and ongoing controls and compliance management throughout your organization. The application focuses technology and people on high-impact processes, regulations, and risks, delivering continuous insight into the status of your activities. Embedded and automated continuous control monitoring capabilities help you analyze master data, configuration, and transactions directly in applications in real time.

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- **SAP Audit Management application:** Plan your audit engagements, manage work programs and resources, document evidence, perform audits, and handle audit issues globally. Use this solution to organize work papers and create audit reports quickly and easily. Because you can instantly capture audit documentation and evidence, you can shift the focus of internal audits from providing basic assurance to sharing insight and advice.
- **SAP Business Integrity Screening application:** Built for Big Data and high-volume screening, the application helps you detect, prevent, and deter fraudulent activity and reduce third-party

risk. Screen large volumes of transactional data in real time based on predictive analyses and extensible rule sets that help you uncover anomalies, fraud, or deviations from policy early on.

- **SAP Regulation Management application by Greenlight:** Use this application to enhance SAP Process Control with a regulatory intake process. The solution provides a centralized regulatory change management process and helps you confidently assess and respond to regulatory changes while mapping changes in regulatory requirements to existing controls or new controls.

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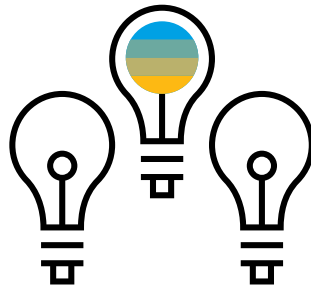
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Identity and Access Management Solutions

Optimize digital identities across the enterprise with SAP GRC solutions that centrally manage system accounts, automate provisioning, and ensure correct authorization assignments – all while reducing costs. Highlighted solutions include:

- **SAP Access Control application:** Automatically detect, remediate, and minimize the impact of access risk violations using role management, emergency access, user access review, and user provisioning capabilities. And with real-time visibility into your current risk position, you can reduce unauthorized access, internal fraud, and compliance costs.
- **SAP Cloud Identity Access Governance software:** Manage user access in the cloud with services based on SAP Cloud Platform (access analysis, role design, access request, and others). Gain instant visibility into a wide range of access issues and support for cloud applications. Users of SAP Access Control can

bridge these capabilities into cloud applications such as SAP SuccessFactors® and SAP Ariba® solutions.

- **SAP Identity Management component:** Manage your entire user lifecycle from hire to retire across a heterogeneous system landscape. Embed identity management into business processes using role-based user access to applications, a single location for identity data storage, and automated user and role provisioning.
- **SAP Cloud Identity Services – Identity Provisioning and Identity Authentication services:** Offer cloud-based services for user provisioning into all of your business applications. These services can be complemented with our identity authentication service, which provides authentication, single sign-on, identity federation, and advanced authentication mechanisms such as multifactor authentication and support for SAML and OpenID Connect protocols.

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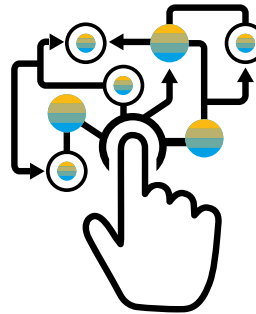
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- **SAP Single Sign-On application:** Enable single-user logins for secure access across companies, domains, and devices to improve employee productivity, simplify password management, and minimize help desk calls. Enhance authentication security using smart cards, two-factor and risk-based authentication, and digital signatures.
- **SAP Access Violation Management application by Greenlight:** Detect access violations using real-time connectors for various target systems, especially those outside the SAP landscape, and gain insight into the financial exposure associated with actual access risk violations. You can also focus on actual occurrences and incorporate financial materiality into the risk equation. This application can be used to expand SAP Access Control by unifying a heterogeneous landscape with centralized access management.
- **SAP Dynamic Authorization Management application by NextLabs:** Take access management to the next level with dynamic, attribute-based access control. Use attributes to define and apply business-driven access policies so you can better manage access, reduce the number of access roles, facilitate collaboration, and improve enterprise data security.



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Now, you can better protect your company's reputation and intellectual property across landscapes and geographies. Help keep systems secure in a continuously changing threat environment using powerful, flexible monitoring, detection, and response capabilities. Enabling solutions include:

- **SAP Enterprise Threat Detection application:** Identify potential security breaches in real time, perform security monitoring of applications and events, and use attack detection patterns to find application-specific threats. Analyze log data and correlate information to get a full view of landscape activities and investigate attacks based on alerts.

- **SAP Code Vulnerability Analyzer tool:** Use this static code-scanning tool to identify and fix security vulnerabilities in your ABAP coding before you even deploy it to productive systems.
- **SAP Fortify software by Micro Focus:** Help secure applications wherever they are deployed – in-house, on the Web, in the cloud, or on mobile devices. Integrate code vulnerability analysis across the solution lifecycle and automate processes used to develop and deploy secure technology and services.
- **SAP Focused Run solution:** Enable service providers to host all their customers in one central, scalable, and automated environment and address their advanced system management, user monitoring, integration monitoring, and configuration and security analytics needs.

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Data Protection and Privacy Solutions

Help safeguard your business by simplifying security and privacy compliance and operationalizing privacy management. Simplify how you manage and comply with data protection and privacy regulations around the world using solutions such as:

- **SAP Privacy Governance application:** Simplify security and privacy requirements, operationalize privacy management activities, and manage the data subject rights request lifecycle. Key functions help you conduct privacy assessments, automate risk evaluations, and centrally manage and distribute regulatory requirements and data privacy policies.

- **SAP Privacy Management application by BigID:** This application uses machine learning to redefine how you find, analyze, and de-risk identity data. Use it to document processes that involve personally identifiable information (PII) to ensure that the appropriate legal purpose of use and protections are in place. You can also maintain an inventory of PII in your enterprise to enable response to data subject access requests.

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SAP GRC solutions can feed data to SAP Digital Boardroom, enabling senior executives to **make risk-informed business decisions**.

- **UI data protection masking package:** Help prevent data leaks by restricting access to legally protected or business critical data. Refine your existing authorization setup (within the PFCG transaction) to grant task-specific access to critical data by masking for unauthorized users and write a trace of data access. You also gain better compliance with internal and legal data protection requirements, such as the General Data Protection Regulation.
- **UI data protection logging package:** Use this package to help prevent data leaks by logging access to business-critical data. In the event of a breach, you can notify those impacted with critical information; use logs to identify unauthorized,

noncompliant, or malicious activities; and identify (and help stop) responsible actors.

- **SAP Data Custodian solution:** Gain multi-cloud data transparency for data across your extended enterprise, as well as full-stack transparency across all infrastructure, operating systems, SAP applications, databases, and integrated hyper-scalers such as Google Cloud Platform, Microsoft Azure, Amazon Web Services, and AliCloud.
- **SAP Data Custodian key management service:** This multi-cloud hardware security module as a service delivers an independent, secure key management and cryptography service, helping protect your data in public, private, hybrid, or multi-cloud environments.

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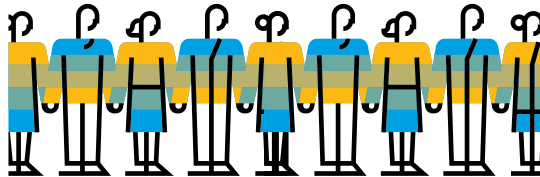
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International Trade Management Solutions

With SAP GRC solutions for use in international trade management, you can automate trade processes for imports and exports and screen third parties, improving the accuracy and efficiency of compliance. Highlighted solutions include:

- **SAP Global Trade Services application:** With this global trade management software, you can speed customs clearance, help minimize fines and penalties from trade compliance violations, and better protect your company brand and image by avoiding trade with sanctioned parties. Automation eliminates manual compliance tasks, boosts productivity, and contributes to bottom-line savings through duty minimization opportunities. Key capabilities such as inline process blocking and release allow for efficient screening of restricted or denied parties.

For exports and imports, the application supports classification, outbound and inbound trade finance, duty calculations, and customs services with direct filing. You can also manage virtually any free-trade agreement with preference determination and vendor or customer declaration handling. Finally, you can leverage foreign-trade zones, processing trade in China, bonded warehousing, inward and outward processing relief, Intrastat, the Excise Movement and Control System, and other special customs procedures.

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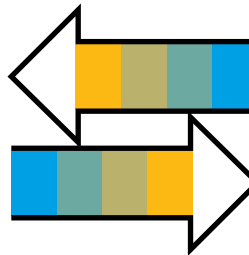
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International Trade Management Solutions

- **SAP S/4HANA® solution for international trade:** SAP S/4HANA includes a set of capabilities around trade that give you the ability to manage basic cross-border requirements. These include:
 - **Intrastat requirements** – by supporting order-to-cash statistical reporting requirements in the European Union
 - **Export compliance requirements** – by helping you meet regulatory requirements when exporting goods with legal control, embargo checks, and integration with the SAP Watch List Screening application
 - **Classification requirements** – by applying the product-level classification necessary to support Intrastat and export processes

Broader international trade requirements are available by leveraging built-in integration with SAP Global Trade Services.

- **SAP Watch List Screening application:** By providing fast access to accurate and reliable information, this public cloud application helps you screen your business partners against lists flagged by governments and organizations, as well as learn if they have been negatively represented in the media. The application can help you improve third-party risk management and help ensure compliance, in particular with antibribery and anticorruption laws.



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The Benefits of a **Simpler, Integrated Approach** to GRC

With SAP GRC solutions, you can simplify and automate your approach to GRC, align risk and compliance efforts with core business value drivers, and embed GRC functions into daily processes so you can do more with less. By bringing together data and insights from disparate parts of your organization, the solutions support an enterprise-wide approach and a view into all of your GRC activities. Managing risk and compliance becomes a focused, continuous, and preventive effort that eliminates non-value-added and duplicate efforts. In addition, you can be more predictive and proactive, which helps you minimize fraud and its negative impacts, the risks of noncompliance, and instances of operational and other types of risk.

In addition, because SAP GRC solutions are modular, you can deploy them at your own speed – both on premise or in the cloud. These SAP solutions share a common technological platform, which simplifies implementing what you need when you need it. As you deploy more SAP GRC solutions over time, you can centrally manage more risks and compliance requirements using a consistent approach that only a common GRC platform can support. This enables improved workflow and collaboration, reduced redundant controls and responses, and an intuitive user experience across applications.

The Benefits of a Simpler, Integrated Approach to GRC

Summary

With SAP® GRC solutions, you can embed controls within a business process and gain insight into anomalies and potential risk events. You can harness Big Data directly from business applications for exception monitoring and insights. And you can strengthen your organization by helping drive down risk and compliance costs, minimizing risk and loss events, and providing visibility to see not only today's threats but beyond the horizon to tomorrow's as well.

Objectives

- Consolidate risks and align them with corporate objectives
- Manage internal controls, compliance, and audits
- Manage user identities and access to applications
- Prioritize cyber risks, data protection, and privacy law compliance
- Manage changes and risks in global trade and supply chains

Solution

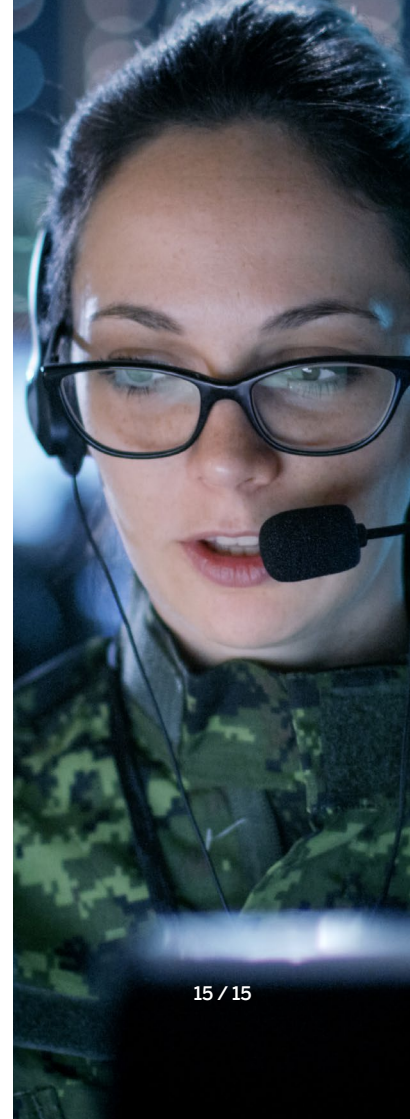
- Centralized monitoring and management of enterprise risk management, controls, and compliance
- Identity and access management
- Cybersecurity, data protection, and data privacy management
- International trade management, sanctioned-party-list screening, and trade compliance

Benefits

- Objectives achieved more reliably, with transparency on risk mitigation and efforts
- Risk and compliance efforts aligned to business value drivers
- Less duplication and better coordinated efforts across the business
- Real-time exception monitoring and earlier detection

Learn more

To find out more, call your SAP representative today or visit us [online](#).



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