

# SAP Insights

## Security and Compliance Solutions for SAP

### Solving the Most Challenging SAP Requirements

SAP applications process an organization's most critical information: financial data, cardholder data, and sensitive and private data. Strained resources cause most IT departments to operate with inadequate audit and security coverage, even for their most critical business applications such as SAP applications. Despite being extensively tested by developers and users, these applications are susceptible to many vulnerabilities and exploits. In addition, much of the data managed by SAP applications falls within the scope of regulatory and industry mandates like Sarbanes-Oxley (SOX) and the Payment Card Industry Data Security Standard (PCI DSS). The result is that mission critical SAP applications and associated databases must be audited and protected.

**SAP Insights** provide customers with dedicated SAP content to keep their SAP security and compliance up-to-date.

- » Audit Rules and Custom Security Rules – Best practice guidelines
- » Assessments – Complete picture of the SAP configuration
- » Table groups – In depth knowledge of SAP data structure
- » Reports – SAP-specific audit, alert, and security reports and templates

### SecureSphere Advantage

SecureSphere solutions protect SAP as well as any Web applications and databases from external attack, privilege abuse, data theft, and data leakage. The SecureSphere family of security appliances incorporates patent pending technologies that speed deployment, reduce operational costs, and enhance security.

- » **Dynamic Profiling** automatically creates database usage profiles and granular security policies that can be enforced to help prevent abuse/misuse of data.
- » **Universal User Tracking** empowers organizations to audit user access to data by tracking database transactions back to individual Web users.
- » **Transparent Inspection** analyzes application logic and data usage with zero changes to applications, databases, and other network infrastructure.
- » **Correlated Attack Validation** correlates multiple sources of information over time and across layers to accurately identify malicious activity.
- » **Unified, Centralized Management** enables businesses to configure, update, and monitor both Web and database deployments through a single, browser-based user interface.

Most importantly, with SecureSphere organizations can rest assured that their SAP applications and databases are secure and compliant.

## SAP Insights

Imperva's SAP Insights allow organizations to access a body of knowledge and tools to accelerate every step of a complete security and compliance solution. With SAP Insights, organizations can tap into the precise pieces of expertise they need. SAP Insights include detailed assessments, rules, policies, alerts and report templates instantly providing organizations with a detailed map of the SAP application. Assessments show all the areas of risk and sensitive data in the application and allow an organization to gain an in-depth understanding about the current risk posture of their SAP implementation. With rules and policies for sensitive areas of SAP, organizations can put the necessary access monitoring and restrictions in place and alert administrators when these rules and policies are not followed. With the appropriate reports and templates, administrators can get measurements on ongoing policy enforcement and security in the application.

## SAP Audit Rules and Custom Security Rules

Audit and Custom Security Rules set the audit and protection parameters in the environment, including rules to capture access to financial tables. These include best practice guidelines that should be followed to ensure that the SAP system is accessed only in an authorized and secure fashion.

## SAP Table Groups

Table groups allow administrators to isolate the sensitive areas in SAP by area of interest. SAP Insights identify which tables contain various categories of sensitive information in SAP databases, including financial information, credit card information, accounting information, SAP metadata, and SAP tables that affect overall system integrity.

## SAP Assessment Policies

Assessment Policies and individual tests evaluate the SAP implementation to show areas of potential risk and security holes. Assessments allow administrators to examine the overall posture of their SAP application.

## SAP Audit and Alert Reports and Templates

Alerts, reports and report templates allow administrators to find out about the activities occurring in their environment on a timely basis and to react appropriately. SAP-specific reports focus on the activity occurring in the sensitive financial SAP objects and any suspicious activity alerts for these objects. Templates allow for the easy customization of reports to serve technical, executive and auditor level audiences as appropriate.

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*"Enterprises don't just have generic 'web applications' or 'databases' to run their businesses – they rely on business application suites like Oracle and SAP. The emergence of vertical, line-of-business and regulatory solutions shows that the application data security and compliance market is maturing. By packaging up reports and knowledge that address specific regulations and applications, solutions like Imperva's help security teams support their businesses more efficiently, and speed time-to-value."*

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Integration