APPSIAN

Protect Critical SAP Transactions and Address Business Risks

Appsian Security Platform for SAP

Appsian enables SAP customers to efficiently address the risks associated with ERP data and transactions. Our Platform extends and modernizes SAP's existing security model by adding sophisticated controls that prevent unauthorized access and minimize business risk. From here, we add granular visibility that detects threats and streamlines audits and compliance.

Using a data-centric approach, Appsian overcomes the limitations of traditional controls – allowing you to fully align SAP security policies with the objectives of your business.

Secure Access **Mitigate Risk** **Detect Threats** **Simplify Compliance** **Streamline Audits**

Maximize Your Investment in SAP
Extend functionality that improves business productivity, reduces costs, and equips SAP to address modern threat & compliance requirements.

Avoid Expensive Redesign Projects
Address access control requirements without revamping SAP. Avoid expensive role redesign and application re-architecture projects

Streamline Auditing and Reporting
Automate manual, time consuming processes to reduce audit costs, improve accuracy, and efficiently scale audit operations.

Mitigate the Risks of Data Exfiltration
Gain tighter control over data exfiltration risks by leveraging risk-aware policies to ensure users can only export SAP data in secure environments

Prevent Losses from Fraud, Theft and Error
Stop fraud in SAP with advanced prevention and detection capabilities. Deploy fine-grained controls that reinforces SAP Segregation of Duties policy

Gain Direct Control Over Risk Tolerances
Cap your exposure across key SAP transactions & business processes with explicit rate-limiting controls that consider the context of risk.

PLATFORM OVERVIEW

Appsian Security Platform delivers a contextual, granular-level approach to securing SAP access. Residing natively in the SAP App Server, the solution requires no additional hardware and its direct integration delivers unparalleled capabilities.

IMPROVE CONTROL
Adaptive Data Access Control

• Extend Fine-Grained Access Controls that Consider Attributes & Context
• Protect Sensitive Data with Centralized, Policy-based Data Masking
• Minimize Financial Risks with Field-level Rate-limiting Controls
• Prevent SoD violations with supplementary ABAC Policies

ENHANCE VISIBILITY
Real-Time Data Analytics

• Gain Full Visibility into User, Data, and Transaction Activity with Context
• Streamline Manual Audit and Compliance Processes
• Enable Non-Technical Employees with Simple Self-Service Reports
• Leverage Real-Time Insights to Quickly Detect Unauthorized Activity

HOW IT WORKS

Two core components work together to form Appsian Security Platform. First, **Adaptive Data Access Control** serves as an additional authorization layer within SAP. This allows your business to strengthen controls and further extend policy logic to include **field-level values** (e.g. expense or purchase values) and **access context** (i.e. network, location, time, transaction count, + more).

Appsian's dynamic access control policies then account for previous user activity and the varying business criteria to make authorization and risk management decisions at run-time.

The second component, **Real-Time Data Analytics**, captures this activity, enriches the data, and sends the information to its centralized reporting tool for further risk analysis. Granular details on user behavior and transaction activity can be exported into reports, used in real-time monitoring dashboards, and trigger remediation workflows and configurable alerts.

VISIBILITY | CONTROL | COMPLIANCE

Existing SAP Access Controls
• Static • Role-based • Transaction-level

Appsian Adaptive Data Access Control
• Dynamic • Attribute-based • Data-level

ACTIVITY + CONTEXT + POLICY
• Location • Roles • Device • Time • Frequency

Run-Time Enforcement

Appsian Real-Time Data Analytics