APPSIAN

Policy-Based Data Masking for SAP

Improve ERP data protection and reduce compliance risk

SAP applications contain vast amounts of sensitive data. From protected PII to privileged financial information - this data carries risk that organizations must address. Unique to SAP ERP, no masking capabilities are available out of the box. As a result, unfettered data exposure leaves a massive threat surface vulnerable to exploit and leakage. Even though there are add-ons and third-party solutions available to tackle this issue, significant challenges still remain:

- Data masking add-ons require customizations that must be replicated at each field throughout the application, resulting in an unscalable ad hoc solution
- Static masking policies do not consider context of access risk, forcing a trade-off between data security and accessibility
- Privileged users can access sensitive data fields even when access is unnecessary

Protect SAP Data with a Centralized & Scalable Masking Solution

Appsian Security Platform's (ASP) dynamic masking capability provides customers with fine-grained control over which sensitive data fields customers can mask for any specified user, in the context of any situation. By implementing a full or partial mask to a data record, ASP minimizes the risk of a data breach and fulfills encryption and anonymization mandates imposed or implied by regulatory bodies. **Unlike most off-the-shelf masking solutions, Appsian uses a single ruleset to define and mask data across the entire application.**

- Centralize data masking enforcement throughout SAP with a single ruleset
- Deploy dynamic policies that account for risk context such as location, IP address, time, data sensitivity and more.
- Protect sensitive data in production and non-production environments alike
- Implement masking without requiring additional customizations to SAP
- Filter out sensitive data at the presentation layer, resulting in no additional maintenance requirements for updates

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