

Essential Security and Compliance for PeopleSoft

Traditional ERP applications like PeopleSoft were designed to provide quick, easy access to data while remaining customizable for any business process. In 2020 the combination of easy access and relying on customizations creates ERP systems that 1) do not enable data security, 2) provide easy access for unauthorized activity, and 3) are unscalable webs of customizations that break with each application update. The status quo has become intolerable.

Given the choice between Appspan, Native Oracle Functionality, or Customizations - see why Appspan is the 'hands down' favorite. Save time, money and ensure project success

	Appspan	Oracle	Customizations
Single Sign-On	Seamless, native configuration with SAML Identity Providers. SSO at login or from a deep link. Implemented in 2 weeks.	Does Not Enable SAML, no added security from identity provider.	Requires extensive customizations to just bypass login screen (ex. reverse proxy.) Must be maintained and repaired after system updates.
Multi-Factor Authentication	Full integration with leading MFA providers (Duo, OKTA, SafeNet, Microsoft Authenticator & more) at application and transaction layer. Risk-aware and dynamic based on context of access. Enables zero trust.	Does not integrate natively, so MFA challenges are deployed (at login only) based on arbitrary rules. Can cause MFA fatigue as annoyed users are constantly challenged no matter what they do.	Requires extensive customizations on each desired transaction. Does not allow flexibility with changing MFA providers and adds significant costs during application updates.
Data Masking	Can dynamically mask any field from a single rule set. Masking vs. exposed data can be determined by context of access.	Limited to only a few fields. Most PII is still available to access by hackers and users with high privilege.	Any additional masking is customized page-by-page, requiring hundreds of man hours to create and then maintain on an on-going basis.
Dynamic Access	Access is fully dynamic based on PeopleSoft artifacts and context of access. Fully enables best practices like least privilege.	Access is governed by static roles and privileges. If an admin credential is corrupted or being misused, all privileges remain intact.	There is no way to customize dynamic access privileges. Non-Appspan customers are reliant on native Oracle access governance.
Logging and Analytics	Real-time, granular data access and usage information is captured and displayed on visually rich dashboards. Enables actionable insights for security and compliance.	Native logging is designed for troubleshooting system error messages – not understanding data access.	Customizing access logging can be attempted but will likely result in a severe impact on system performance and will require multiple servers for additional storage.



PeopleSoft Data Security

Using a Single, Comprehensive Platform



Protect Your ERP Data (and Investment)

According to a 2019 IDC study, “64% OF ERP [ORACLE AND SAP] DEPLOYMENTS HAVE BEEN BREACHED IN THE LAST 24 MONTHS.” ERP investments are years (and millions of dollars) in the making. Appsian gives you the power to leverage your current ERP investment by enhancing your systems, so you can achieve the access control and visibility required to combat modern security and compliance threats.

Manage Access in a Dynamic, Remote Landscape

Managing remote ERP access using Oracle’s static roles and permissions is not effective at preventing unauthorized activity. Why? Because static rules do not consider the context of access. Appsian can enhance your (current) static rules by implementing (additional) contextual, attribute-based rules that enable you to have full control over data access – who, when, where, why, and how.



‘User-Friendly’ Security

With Appsian, users can move seamlessly inside ERP applications and only encounter authentication challenges or data access restrictions if their context of access warrants it. Thus, eliminating a lot of the user friction that comes with enhancing data security. With Appsian, you can strike a perfect balance between security and productivity!

Lightweight With Rapid Implementation

Appsian solutions are designed to provide maximum benefit without adding customizations or complexity. Appsian’s solutions are configurable to your ERP applications and are installed inside the application web server. No underlying code is effected, there is no disruption from future application updates, and no hardware is required. Implementation typically takes less than 30 days and only requires a couple of hours of ‘hands-on-keyboard-interaction’ with Appsian support teams.

