APPSIAN

Evaluating a PeopleSoft Single Sign-On (SSO) Solution
6 Questions to Ask Your Vendor

PeopleSoft applications are a vital part of an organization's enterprise architecture. However, integrating an enterprise SSO into PeopleSoft can present unique challenges. Many vendors claim to provide an SSO solution for PeopleSoft. Although, to ensure success, customers must first address a few prerequisites.

Here are six questions to ask a potential SSO vendor and why they're important for PeopleSoft customers.

Question for vendor...	Why it matters...
1 How does your product interact with PeopleSoft?	SAML is the open federation standard that allows the most popular identity providers (Microsoft Azure Active Directory, OKTA, etc.) to communicate with enterprise applications. However, most off-the-shelf SSO vendors ignore the fact that PeopleSoft applications do not natively support SAML. Without SAML compatibility, PeopleSoft applications are likely to stay alienated from the rest of the enterprise applications.
2 Is there a need for customizations?	Conventional SSO solutions require an extensive framework of customizations to work with PeopleSoft. Despite that, custom solutions can be insecure, fragile, and lack functionality for certain transactions. Building and maintaining a custom framework requires both coding and PeopleTools expertise leading to the need for extra resources, a prolonged implementation timeline, and a higher total cost of ownership.
3 Are there additional hardware/server requirements?	Most SSO solutions require customers to purchase additional hardware to support the customizations with PeopleSoft. The procurement of new infrastructure (reverse proxy servers) can result in unexpected budget overruns for the project.
4 Does the solution support deep embedded links?	Most off-the-shelf SSO providers do not support deep link navigation with PeopleSoft. Typically embedded in emails, these deep links allow users to go directly to a transaction using their authenticated SSO session, improving usability and efficiency.
5 How does the solution impact PeopleTools Lifecycle Management?	Customers can expect frequent changes in the authentication model with every single image released via the PeopleSoft Update Manager (PUM). Most SSO solutions demand excessive upgrade and alteration with each update - which is time consuming and increases the scope of errors and subsequent troubleshooting.
6 What if we decide to switch our identity provider?	When an organization plans to switch to a new ID provider, a custom solution would require building a whole new integration framework – which is a tedious, costly and time-consuming process.

Before Going Custom, Consider a Turnkey Solution

Appsian's PeopleSoft SSO Connector is designed to create a simple, extensible, and easy-to-maintain solution for implementing modern authentication in PeopleSoft. As the *only* turnkey approach to SAML integration, Appsian's PeopleSoft SSO Connector enables customers to deploy SAML-based SSO in as quick as 7 days with no additional hardware or custom coding.

Appsian PeopleSoft SSO   VS   Custom Development

Appsian PeopleSoft SSO	Custom Development
IMPLEMENTATION	**IMPLEMENTATION**
• Go-live in as little as 7 days • Browser-based configuration of your IdP's SSO in PeopleSoft • No additional hardware or custom development required • Support multiple IdPs concurrently for consolidated systems with separate user groups	• Custom coding requiring specialized knowledge • Often requires additional hardware • Spinning up and connecting additional webserver with current environment
MAINTENANCE	**MAINTENANCE**
• Add-in is independent from PeopleSoft/PeopleTools updates • Stable, tested product used in hundreds of PeopleSoft environments with minimal maintenance • Fixed maintenance schedule with fixed costs	• Additional workload for application management and development teams • Often fragile with continuous maintenance requirements • Risk of runaway costs; TCO can grow into uncertainty
SUPPORT	**SUPPORT**
• Full support team available 24/7 to assist with any challenges • Updated software packages made available to customers with each PeopleSoft update	• No standardized support model • Requires highly technical skillsets familiar with the customization

Appsian's PeopleSoft SSO Connector Runs INSIDE the Web Server for Unmatched Simplicity and Native SAML and Functionality.

Browser / Device

Request (No Session)

Authenticated Session

PeopleSoft Web Server

Appsian Security **Plug-**in

Authentication SAML ADFS Shibboleth

Location Control

2FA

Logging

Challenge

Identity Provider(s)

SAML ADFS Shibboleth OAUTH

PassChallenge

App Server

Evaluate Rules

PeopleSoft Application Permissions

PeopleSoft Application Database