

# Integrating PeopleSoft 8 with Sun ONE Identity Server

A PeopleSoft 8 certified software integration.

Security for enterprise applications and networks.

Single, end-to-end identity management solution.

## Sun ONE Identity Server

The Sun ONE Identity Server is a comprehensive identity management solution that provides policy administration and directory services. Moreover, it provides a unified identity infrastructure that can serve as the foundation for an entire e-business services network.

## Integration Overview

The integration of the Sun ONE Identity Server to PeopleSoft applications offers enterprises the capability to manage and provision federated identities across their networks and applications. Enterprises implementing PeopleSoft applications can now rely on a single, end-to-end security infrastructure solution for federated identity management as well as web access management. This integration provides authentication, authorization, single sign-on, policy management and identity federation services, by leveraging the tight integration between the Sun ONE Identity Server and Sun ONE Directory Server—an industry-leading LDAP server.

## Sun ONE Identity Server Integration to PeopleSoft 8

This integration is achieved mainly via two components—a Sun ONE Identity Server Policy Agent installed on the web server (either a proxy server or the PeopleSoft provided web server) and a SignOn PeopleCode component in the PeopleSoft application server.

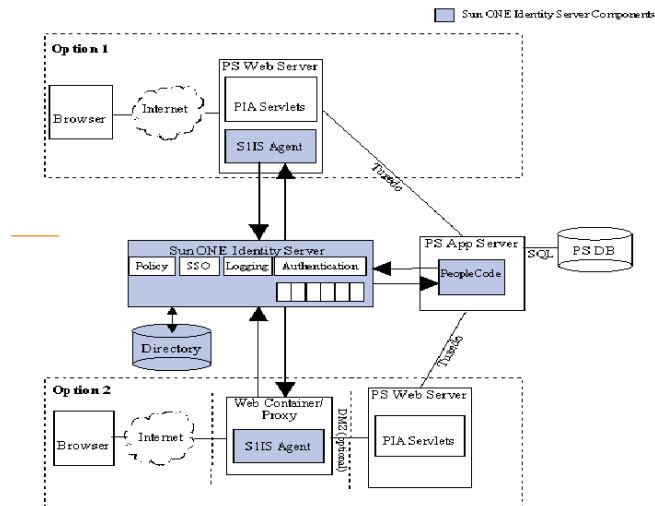
The Sun ONE Identity Server Policy Agent deployed at the web tier enforces the first level of access control to PeopleSoft URL resources. It intercepts all user requests and is responsible for authenticating and authorizing web access to the PeopleSoft application based on the authentication schemes and policies defined in the Sun ONE Identity Server. By default, a user is prompted for their LDAP credentials which are validated by the Sun ONE Identity Server's authentication service against the Sun ONE Directory Server. Successful authentication results in a Sun ONE Identity Server session being established for the user.

The second component of the integration, which is the SignOn PeopleCode, extracts this session information from an incoming HTTP request and validates it by invoking the Sun ONE Identity Server session service APIs. Upon successful validation, a user's PeopleSoft userid is retrieved from Sun ONE Identity Server by the PeopleCode component and a valid PeopleSoft session is established for that user.

Additionally, the integration involves changes to the PeopleSoft application's login and logout servlet components as well as some web and application tier configuration steps. The configuration steps are detailed in the Sun ONE Identity Server Policy Agent Guides. It is important to emphasize that the configuration changes described therein do not affect the PeopleSoft user repository or the definition of various

## Sun ONE Identity Server and PeopleSoft

An architectural overview of the integration.



objects such as users, roles, access permissions and other user data in the PeopleSoft application server since these are not modified by this integration.

### Key Benefits

The integration to the Sun ONE Identity Server offers PeopleSoft's customers some key benefits.

#### Increased Security

- Centralized policy allows a single point of access enforcement
- All access is logged to single point for use with audit or intrusion detection tools
- Enables stronger security by allowing the use of digital certificates, token cards, smart cards, etc for all protected applications and resources

#### Reduced costs

- Web single sign-on (SSO) enables major IT cost savings and user efficiencies
- User self-service and delegated account administration reduces IT help desk costs
- Centralized admin of users, policies, and services

#### Increased operational efficiencies

- One button account management can create, maintain, and delete accounts from a single point across all services
- Keeps information synchronized across multiple data sources (e.g. databases, LDAP directories, etc.)

#### Availability

For more information about Sun ONE Identity Server and the integration with PeopleSoft, go to [http://www.sun.com/software/products/identity\\_srvr/home\\_identity.html](http://www.sun.com/software/products/identity_srvr/home_identity.html).

#### Support

Sun Microsystems supports the Sun ONE Identity Server integration for PeopleSoft 8 through its normal support channels. For more information, go to [http://www.sun.com/service/sunone/software/telephone\\_support.html](http://www.sun.com/service/sunone/software/telephone_support.html) or contact Sun at 1 800 USA 4SUN (1 800 872 4786) in the United States and 1 800 722 4SUN (1 800 722 4786) in Canada.

### **Certification Environment**

**Hardware:** UltraSparc3, SunFire v880, Ultra80

**Operating Systems:** Solaris 8 Operating Environment

**Software:** PeopleSoft HRMS8.3, HRMS8.8, Financials 8.4, PeopleTools 8.18, PeopleTools 8.42, Sun ONE Identity Server (with PeopleSoft agent) 5.1 and 6.0

**Directory Server:** Sun ONE Directory Server 5.1

**Web Server:** BEA Weblogic 5.1, Weblogic 6.1, and Sun ONE Web Server Proxy 6.0 sp5

**Database:** Oracle8i

### **PeopleSoft Certified Software Integrations**

When PeopleSoft conducts certification testing, we verify only that the software integration functions according to the partner's test plan, and that it makes appropriate use of PeopleSoft components and integration technologies in the environment specified in the published Certification Datasheet. Certification applies only to the components providing integration between the partner's software and PeopleSoft software; it does not apply to or extend to the

partner's software product(s). Certification is performed in a lab environment using uncustomized versions of PeopleSoft and the partner's software. Certification testing is product version specific, hardware specific, database specific, and operating system specific, and is conducted in English, unless explicitly noted otherwise. Similar results may not be able to be duplicated in a production environment, including where the PeopleSoft or partner software is modified or customized upon implementation. Customers are solely responsible for the selection of all third-party software, including any integration software, used in conjunction with PeopleSoft software and for the results of such use. For the functional and environmental details on a certified integration, refer to the partner's Certification Datasheet, found in the Alliances section of the PeopleSoft web site at [www.peoplesoft.com](http://www.peoplesoft.com).

PeopleSoft.

**PeopleSoft, Inc.**  
**Corporate Headquarters**  
4460 Hacienda Drive  
Pleasanton, California 94588 USA  
Toll-free 1 888 773 8277  
Tel 925 694 3000  
[www.peoplesoft.com](http://www.peoplesoft.com)

PeopleSoft, PeopleTools, PS/nVision, PeopleCode, PeopleBooks, *PeopleTalk*, and Vantive are registered trademarks, and Pure Internet Architecture, Intelligent Context Manager, and The Real-Time Enterprise are trademarks of PeopleSoft, Inc. All other company and product names may be trademarks of their respective owners. The information contained herein is subject to change without notice.  
Copyright © 2003 PeopleSoft, Inc. All rights reserved.



**Sun Microsystems, Inc.**  
**Corporate Headquarters**  
4150 Network Circle  
Santa Clara, California 95054 USA  
Toll-free 1 800 555 9SUN  
Tel 1 650 960 1300  
[www.sun.com](http://www.sun.com)

