

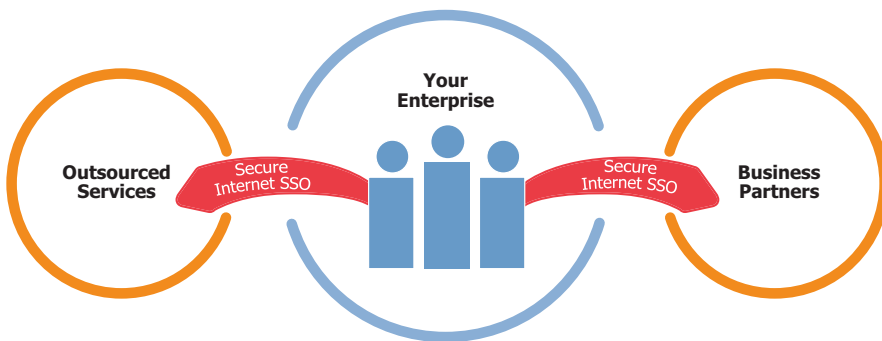
## PingFederate 5

The World’s First Rapidly Deployable Secure Internet Single Sign-On Software

PingFederate creates external partner connections easier and faster than any other federated identity application. Point and click partner connection configuration, out-of-the-box integration kits, multi-protocol support; that’s why over 200 enterprises and service providers use PingFederate to directly connect their users to external mission-critical applications over the Internet. As the market leading product in federated identity management, PingFederate is used by organizations across the globe to improve external applications’ ease-of-use, reduce IT costs, and strengthen security.

### Comprehensive Standalone Federated Identity Management

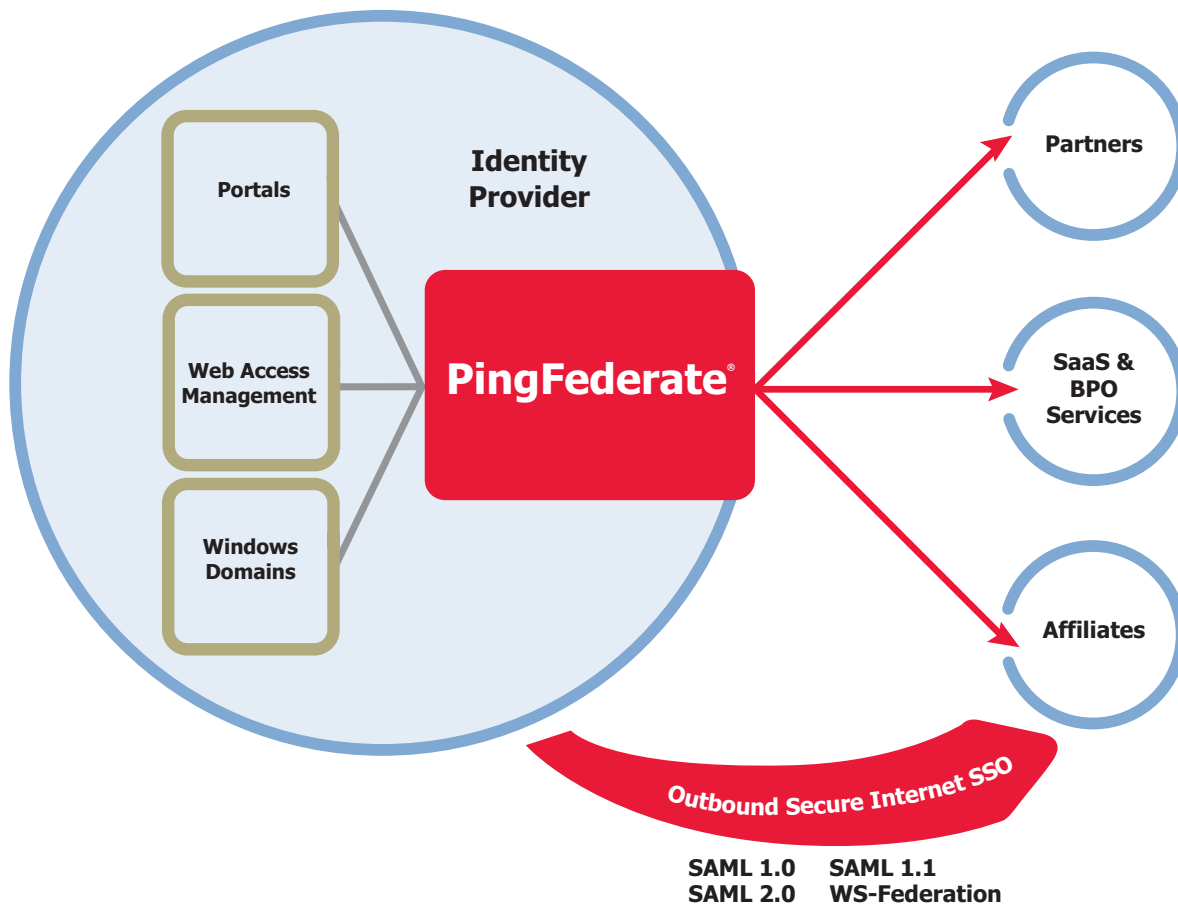
PingFederate 5 is the only standalone federated identity management software to deliver secure Internet single sign-on to all external partner connections including Software as a Service (SaaS) and Business Process Outsourcing (BPO) providers, trading partners, managed services, acquisitions, affiliates, subsidiaries and joint ventures. PingFederate provides an organization’s users safe access to Internet applications without the need to re-login. Through standards based identity federation, PingFederate drastically reduces repeated user provisioning and time-consuming proprietary SSO implementations that previously burdened organizations tasked with supporting external applications.



*PingFederate gives your users direct access to Internet-based applications without requiring them to re-login.*

**“With PingFederate, we can provide expanded information sharing and collaboration while allowing our partners to keep their current infrastructure investments intact.”**

**Larry Maloney**  
 Senior Project Manager  
 RISS Trusted Credential Project



*The world's first rapidly deployable secure Internet single sign-on software, PingFederate provides everything you need to get your federated identity partner connections up and running quickly. Off-the-shelf integration kits and multi-protocol support ensure PingFederate can meet your Internet SSO requirements.*

- **Success for IT.** IT engineers dread 6-9 month implementations; they need quick wins in 30 days or less. With an easy-to-use, comprehensive administration console, external partner connections can be configured without extensive knowledge of SAML or other identity federation methods and out-of-the-box integration kits provide easy first-mile integration, tying into existing identity infrastructure, and last-mile integration, linking into target application environments.
- **Secure for the Organization.** Organizations are no longer isolated and their external connections have to be secure to protect the users, the enterprise and service providers. PingFederate reduces sharing, reuse and impersonation of usernames and passwords while centralizing security credentials and identity traffic. Unlike proprietary SSO implementations that often require each partner connection be repeatedly created from scratch, PingFederate creates each connection once and can be used for multiple partners.
- **Loved by Users.** Users are demanding direct access to external resources; they do not want the hassle of remembering twenty different usernames and passwords. With PingFederate, users can have direct access to all of their external resources over the Internet without the need to re-login. No more calls to the helpdesk for password resets.

### PingFederate Features: The Details

**Federated Identity System Configuration.** From PingFederate's centralized administration console, administrators can easily create and manage multiple partner connections that deliver identity provider and service provider initiated SSO, as well as single logout. There is no need to build custom code for each connection.

**Multi-Protocol Support.** It is nearly impossible to force external partners to use one specific federation protocol, and with PingFederate it is not necessary. PingFederate includes support for an array of standards including SAML 1.0, SAML 1.1, SAML 2.0 and WS-Federation.

**First-Mile Integration.** A key element of providing secure Internet SSO is the ability for enterprises and identity providers to easily integrate with authentication systems and other identity management infrastructure. PingFederate provides out-of-the box integration kits that provide easy, GUI-based setup to link to access management systems including CA SiteMinder and Oracle Access Manager; custom applications written in Java, .Net and PHP; IWA and LDAP-based authentication; and portals including SharePoint and SAP NetWeaver. PingFederate also provides the ability to integrate with strong authentication scenarios such as two-factor authentication, one-time passwords, USB keys, smartcards, X.509 certificates and biometric authentication.

**Last-Mile Integration.** A federation connection is not complete without integration to the service provider's target applications. PingFederate provides easily configurable integration kits to access management systems including CA SiteMinder and Oracle Access Manager; application servers such as BEA WebLogic and IBM WebSphere; portals including SAP NetWeaver and Microsoft SharePoint; Web servers including Apache and Microsoft IIS; and commercial applications such as Citrix Presentation Server and Salesforce.com. For custom applications, integration kits are available for Java, .Net and PHP.

**External Data Look-up.** When a user's basic credentials just are not enough, PingFederate provides external data look-ups from JDBC, LDAP and other resources for inclusion with SAML assertions and additional attribute queries.

**External Partner Connections.** When it's time to build partner connections, the business always needs it done yesterday. With PingFederate, building external partner connections for SSO involves a few easy steps. Through the administration console, simply follow the prompts and screens to configure the connection. Turning up a new connection should only take a few hours, even for administrators new to identity federation. And in the case where the identity provider (IdP) is not specified as a part of the SSO session, PingFederate can dynamically discover a user's IdP. IdP discovery can be helpful in cases where a service provider is a hub for several IdPs. Or to save extra time, new partner connections can be configured in minutes by replicating and migrating existing connections. IT engineers can quickly copy connection configurations between servers and move configurations from test to production environments, without the need to recreate them from scratch.

**Auto-Connect™.** When multiple partner connections need to be turned up immediately, organizations turn to Auto-Connect, PingFederate's implementation of dynamic federation. Auto-Connect automatically creates a trusted connection when users request site access. By simply adding allowed domains to a white list, PingFederate can automatically discover the user's identity provider from their email address and immediately give them access.

**"Ping Identity's latest product helps IT navigate the minefield of federation management and multiple standards."**

**Hudson, Allan Carey and Rose Ryan  
IDC**

Auto-Connect eliminates the need to manually configure and test each partner connection.

**Express Provisioning.** With PingFederate's Express Provisioning, users' credentials are automatically provisioned into LDAP or a local Active Directory when they make a new SSO request. Express Provisioning occurs as part of a SSO transaction, creating an account if none exists or updating attributes based on new data, eliminating the need for administrators to manually provision users for the last-mile application.

**Certificate Management.** PingFederate eliminates the pain of time-consuming manual certificate management. With PingFederate, import and create security certificates while configuring partner connections and receive automatic notifications when certificates are about to expire.

**Web Services.** PingFederate's Web Services module allows organizations wanting to extend their browser-based Internet SSO architecture to incorporate Web services and Service-Oriented Architectures (SOAs). It acts as a WS-Trust Security Token Service (STS), creating and validating security tokens that get bound into SOAP messages to carry user identity information in a standards-based manner.

**Data Center Readiness and Management.** When identity federation is mission critical, and users expect SSO all the time, PingFederate provides self-contained clustering that delivers failover and performance scalability, even with geographically distributed data centers. And PingFederate's runtime reporting provides integration with data center management tools via SNMP and Java Management Extensions (JMX) for up-to-the-second monitoring of system performance. And if you require FIPS 140-2 compliance, you can configure PingFederate to interact with the SafeNet Luna SA Hardware Security Module (HSM) for key generation, storage, and operation.

## About Ping Identity

Ping Identity's dedication to delivering secure Internet single sign-on software and services for over 200 customers worldwide has earned us recognition as the market leader in federated identity management. PingFederate®, the world's first rapidly deployable identity federation software, provides an organization's users safe access to Internet applications without the need to re-login. Try PingFederate for free at [www.pingidentity.com](http://www.pingidentity.com). For more information, dial toll-free 877.898.2905 or + 1 303.468.2882, or email [sales@pingidentity.com](mailto:sales@pingidentity.com).

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## Standards & Platforms

### Supported Standards:

- SAML 1.0
- SAML 1.1
- SAML 2.0
- WS-Federation

### Supported Platforms:

- Red Hat Enterprise Linux
- Solaris
- Windows 2003 Server
- Windows XP Professional
- (Supports VMWare)

### Supported Browsers:

- Internet Explorer v7.0
- Firefox v2.0
- Netscape v8.1

### Minimum System Requirements:

- Intel Pentium 4, 1.8 GHz processor
- 512 MB RAM
- 250 MB free hard drive space