



Secure Internet Single Sign-On for Google Apps™

“Ping Identity has made it even easier for users to securely access Google Apps for communication and collaboration, while streamlining administrative requirements and easily scaling as companies grow.” — *Scott McMullan, Google Apps Partner Lead*

Identity management software has proven itself in terms of functionality, cost savings, user experience and improved security — but most solutions do not support Google Apps. Ping Identity® offers two products that eliminate the need for user names and passwords to Google Apps: PingFederate® and PingConnect™. PingFederate is a software product installed on-premise. PingConnect is an on-demand service. Both automate Google Apps provisioning, deliver seamless SSO for users, deploy rapidly and work with existing infrastructure.

The Google Apps Identity Challenge

Identity management (IdM) software is extremely useful for supplying functions like single sign-on and user provisioning for internal applications. The associated cost savings, improved user experience and increased security benefits are clear. However, traditional enterprise access management and single sign-on products do not bridge the gap to Software-as-a-Service (SaaS) applications that are hosted outside of the organization such as Google Apps.

Gmail requires administrators to maintain user accounts in a separate Gmail directory. Given that this function already is performed in the corporate directory, the requirement for provisioning and de-provisioning the same users at Google can double IT's workload. Without SSO, users must return to the days of multiple logins and passwords to remember—and forget. To access Google Apps, users must click a link on their desktop or browser, and then enter their credentials at Google. Behind the scenes, administrators must go through a separate workflow to create valid user accounts within Google Apps. With potentially thousands of user accounts to provision and support for an enterprise application such as Gmail, solving this problem is a high priority for large organizations moving to Google Apps.



“85-percent of respondents indicated integration into their existing application environments was an important attribute of Software on Demand.” —
IDC Software on Demand Study

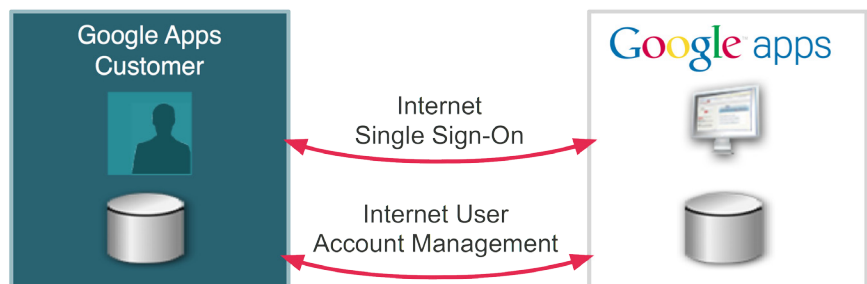
Most IdM Products Lack SaaS Support

Despite the inherent limitations of their existing enterprise identity management products, some organizations try to use what they have to provide Google Apps SSO. Unfortunately, these systems generally fail to meet the security and operational requirements of users and administrators. Most IdM products do not provide provisioning that works with Google’s proprietary API. Furthermore, implementation can take months because adding Internet SSO to these products often requires time-consuming upgrades of multiple interdependent components already in production.

Several new ‘identity in the cloud’ options are now on the market, but they require directory duplication in a hosted service and the roll-out of a new authentication mechanism for Google Apps users. This creates even more work for IT.

Ping Identity Internet SSO and User Account Management for Google Apps

Ping Identity not only pioneered Internet SSO and user account management technology, it spearheaded enabling SSO to leading SaaS applications, including Google Apps. Ping Identity developed PingFederate, a software solution installed on-premise, and PingConnect, an on-demand managed service. Both give Google Apps users a seamless SSO experience while granting IT administrators the convenience of automated user account management, eliminating any incremental IT work to set up and maintain Google Apps accounts.



PingFederate and PingConnect provide Internet SSO and user account management for Google Apps



PingFederate is Ping Identity's award-winning federated identity software. It provides Internet SSO for all external partner connections, including Software as a Service (SaaS), Business Process Outsourcing (BPO) providers, managed services, trading partners, affiliates, acquisitions and customers. PingFederate's point-and-click connection configuration, out-of-the-box integration kits, multi-protocol support, and Internet user account management enable rapid deployment. PingFederate makes external applications easier to use, reduces administrative costs and strengthens security.

PingConnect is the industry's first complete on-demand secure Internet SSO service for Google Apps and other SaaS applications. It eliminates the need for user names and passwords to access to Google applications. PingConnect improves user adoption by making Google's SaaS applications easier to access. Powered by PingFederate, PingConnect works with your organization's existing directory and authentication mechanisms. It is the perfect solution for customers with limited resources and short deployment timelines.

Automate User Account Management

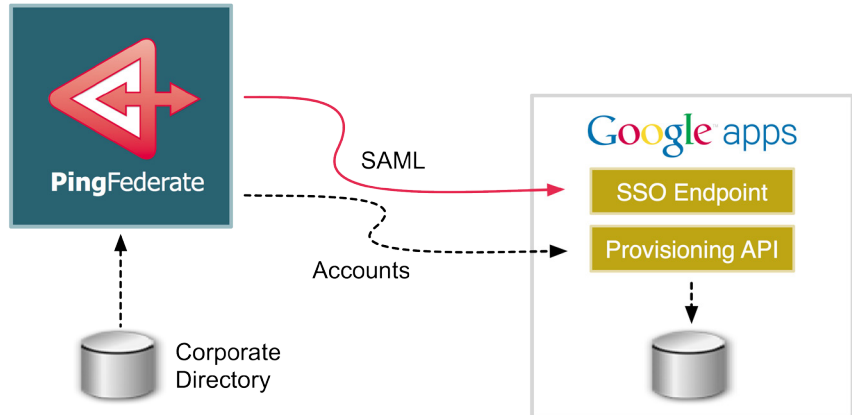
PingFederate and PingConnect for Google Apps eliminate duplicate administrative work and manual maintenance of user accounts by providing automated account provisioning. Administrators create a group or filter to contain all Google Apps users in the existing corporate directory. Then they add, modify and delete users via existing directory management processes. As changes are made to user accounts in the corporate directory, PingFederate and PingConnect automatically replicate each change to Google via the Google Apps provisioning API.

Provide Seamless SSO for Users

When a user selects a Google Apps or Gmail icon from his or her desktop or from the company portal, he or she receives direct entry to a personalized Google Apps home page without having to provide another set of credentials. Behind the scenes, PingFederate or PingConnect and Google exchange a series of secure Web service calls to identify the user, verify the user's account and establish a user session. This complex process takes seconds to occur and is entirely invisible to the user.



“Customers are asking for Internet SSO. Ping Identity is meeting this requirement with proven solutions.” — *Brent Mellow, Executive Vice President, Astadia, A Google Enterprise Professional Partner*



PingFederate and PingConnect user account management capabilities automatically replicate additions, changes and deletions made in the existing corporate directory to Google Apps.

Works with Existing Identity Infrastructure

Ping Identity designed PingFederate and PingConnect to work with existing directory and user authentication mechanisms. As a result, administrators do not need to maintain an additional directory, and users do not need to login a second time to use Google Apps. For organizations that want to scale their Internet SSO capabilities across a broader set of applications, PingFederate Integration Kits expedite integration with existing identity infrastructure and are available for access management systems including CA SiteMinder and Oracle Access Manager; custom applications written in Java, .Net and PHP; Integrated Windows Authentication (IWA) and NTLM; and LDAP.

Deploys Rapidly

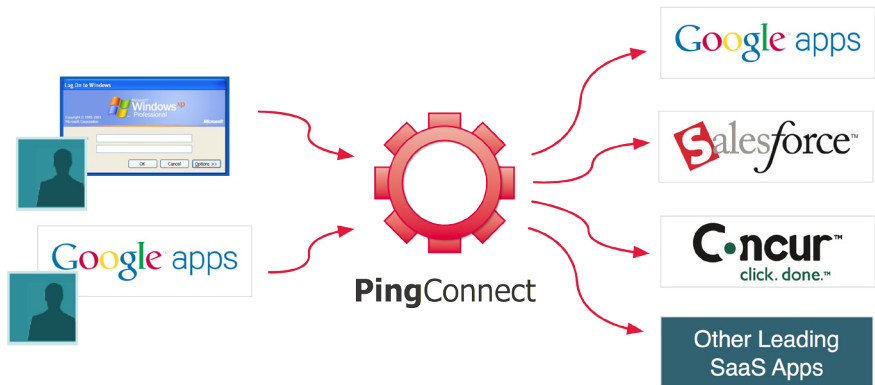
PingConnect can be deployed in hours, thanks to its on-demand platform requiring minimal IT support.

PingFederate can often be deployed in 30 days or less, helping IT keep up with aggressive Google Apps deployment schedules. Integration Kits are also available to ease integration with existing identity infrastructure.

PingFederate features a Google Apps Connector that communicates with Google's proprietary provisioning API. This module includes Quick Connection templates that simplify and streamline configuration by pre-populating connection settings, user/account provisioning parameters and SSO endpoint parameters.



“Google customers will benefit from single sign-on solutions that can also help them administer the provisioning process on-demand in the ‘cloud,’ or deployed on-premise behind the firewall.” — *Jeffrey M. Kaplan, Managing Director, THINKstrategies, Inc.*



PingConnect gives users who log in their local Windows network or to Google Apps SSO access to leading SaaS applications.

Support Additional SaaS Applications and Business Partners

PingConnect also support SSO to other leading SaaS applications such as Salesforce, Concur, SuccessFactors and Workday. Furthermore, PingConnect can turn Google Apps into a Universal SaaS Login so that users who authenticate to Google Apps can get SSO access to other SaaS applications.

PingFederate not only delivers SSO for Google Apps, it also provides an extensible platform that delivers Internet SSO to other SaaS applications and business partners. It works with any service providers that supports SAML or WS-Federation federated identity standards.

Try Ping Identity's Google Apps SSO Solution for Free

Hundreds of enterprises, service providers and government agencies worldwide rely on Ping Identity to secure, protect and control their identity interactions with other organizations. Ping Identity product specialists are available to help you determine which of our Google Apps SSO solutions best fit your needs. They will also help you set up a free no-risk evaluation. Talk to Ping Identity to see how you can benefit from secure Internet access through a single login.

Call [877.898.2905](tel:877.898.2905), email sales@pingidentity.com and visit www.pingidentity.com.



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