

## Agent less Web Single Sign on for SaaS using Ironport Proxy and IMAG-TrueSSO

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1. What are the typical challenges faced with SaaS Applications?
  - a. On boarding Challenge
    1. Can new users be provisioned into multiple SaaS Applications automatically?
    2. Have the access to these applications approved? If so by who and when?
    3. Can SaaS accounts be managed by creating accounts in Active Directory?
    4. Can a user ask request for a new account using a portal?
  - b. Zero-day access revocation access to SaaS Off boarding Users
    1. Disable access to SaaS accounts when accounts are disabled in AD?
    2. Disable accounts in SaaS with changes in employment status
  - c. Password updates and resets
    1. Can we avoid saving passwords on external SaaS Systems?
    2. Support periodic password changes
    3. Enabled Periodic password resets for SaaS applications for security and compliance need
  - d. Multiple User Id's and Passwords to remember
    1. Is there a way to use one Id namely network ID/Password to access SaaS applications?
  - e. How can enterprises use the SAML feature available in SaaS Applications? Is there a need for new hardware?
2. What is Web or SaaS Single Sign On?

Sign On eliminates the need to remember multiple user Identities and passwords. Web Single Sign On enables enterprise users use single user Identity and Password to log into multiple applications. User is only required to login once to a domain authentication server like Active Directory to get entitle applications without requiring separate login.
3. What are SaaS Applications?

Software as Service or SaaS are applications that are remotely hosted and managed and are available to enterprises on demand. Salesforce, Concur solutions, WebEx are some of the industry leading providers. Both IDC and Gartner predict SaaS market to touch anywhere between \$11-14B by 2011.
4. Why do enterprises need Single Sign On for SaaS applications?

SaaS applications are hosted remotely and are not enterprise Active Directory integrated. Users have 8 to 10 different user identities and passwords that they need to remember and manage. In addition most of these applications require passwords to be changed periodically for security reasons as a result users end up writing down these passwords on post-it's and leave them next to the desks.

5. How does Ironport Proxy technology help enterprises with SaaS needs? Cisco Ironport provides industry leading Proxy solutions to enterprise markets. Apere provides industry's only Agent less Web Single Sign On solution with RapidConnector Platform for SaaS applications.

Ironport Proxy Server and IMAG provide a completely transparent Agent Less Web Single Sign on solution that is easy deployed in the field.

6. What is Agent less Single Sign on? Most industry Single Sign on solutions require an active agent to be deployed on client machine. These agents detect and login in users into target applications. Agent based technologies pose multiple challenges 1) Roll out times grow with number of users 2) Dealing with temporary users like guests, students, visiting doctors etc becomes a challenge 3) Maintaining versions and compatible with different operating systems

Apere offers the only industry leading solution that is agent less. Apere Web SSO can be easily deployed in minutes. Apere's uses patent pending RapidConnector frame work to provide a comprehensive SSO with statistics and reports on usage.

7. Why is Apere's technology different?
1. Apere's patent pending RapidConnector framework enables a seamless integration with SaaS Application
  2. IMAG-TrueSSO is Agent less Web SSO solution with failover, disaster recovery support and scales easily for large scale deployments.
  3. IMAG provides a IT administrators view to centrally create, disable users to SaaS Applications in addition to Web SSO.
  4. IT administrators also can track the SaaS license usage for usage statistics and security
  5. IMAG-TrueSSO implements enterprise password policies across SaaS applications.

8. How long does it take to configure Cisco Ironport to enable SSO with IMAG?

IMAG can be field integrated with Cisco Ironport Proxy in few minutes. IMAG can be setup in an Active Directory environment for web SSO in less than an hour. Please refer to configuration guide for details.

9. Where do I get more information on these configurations?

Please visit Apere website <http://www.apere.com> or Cisco Website