

DirectControl for Microsoft ADFS

Extending Microsoft's federated identity management services to web applications running on non-Microsoft platforms

Centrify DirectControl for Microsoft Active Directory Federation Services (ADFS) is the first solution that extends Microsoft's federated identity management services to web applications running on non-Microsoft platforms. With Centrify, you can use Microsoft ADFS to provide secure, federated identity management for applications hosted on Apache and popular J2EE web servers, including IBM WebSphere, BEA WebLogic, JBoss, and Tomcat.

Microsoft + Centrify: Quick, Cost-Effective Cross-Platform Web SSO

By deploying Microsoft ADFS and Centrify DirectControl for Microsoft ADFS as your cross-platform federation solution, you immediately realize the following benefits:

Web SSO at a Fraction of the Cost. ADFS will be fully integrated into Windows 2003 R2. DirectControl for Microsoft ADFS is all you need for Active Directory-based federated identity management across a heterogeneous environment – at a cost far below older web SSO products.

Simplified Architecture. Older web SSO products are built on a three-tier or n-tier architecture in order to synchronize account information held in their federation metadirectory with Active Directory. The ADFS federation server is tightly integrated with Active Directory – no metadirectories to maintain; no synchronization architectures to set up.

Quick Cross-Platform Deployment. By simply installing the DirectControl web SSO agent, non-Microsoft web servers can interoperate with your ADFS federation server without the need for the time-consuming configuration and testing required by more complex web SSO products.

Streamlined Operations. Older synchronization-based products come with additional administrative interfaces for account maintenance and provisioning across heterogeneous systems. With account information held centrally in Active Directory, you can roll out your cross-platform federated identity solution and continue to rely on your current Active Directory-based tools and processes for day-to-day administration.

Enhanced regulatory compliance. DirectControl for ADFS enables you to extend web SSO to a broad range of non-Microsoft server platforms while continuing to manage all role-based access rights centrally through Active Directory, which is critical to providing the full 360-degree view of users' access – not just to web applications (as older web SSO products do) but to the full range of Active Directory-controlled permissions

TRY IT FOR YOURSELF

To learn more about DirectControl for ADFS and to request an evaluation, please visit:

<http://www.centrify.com/adfs>

for systems and applications as well.

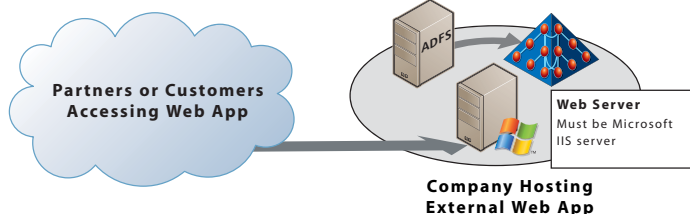
Integrated identity, access and policy management. Older web SSO products help secure the web application, but do not secure the underlying operating system. The DirectControl suite also enables you to integrate your Unix and Linux systems with Active Directory to centrally manage administrative accounts and to enforce security and configuration policies through Active Directory Group Policy.

Where DirectControl for Microsoft ADFS Fits

To provide partners and customers with SSO to an external-facing web application, you set up an ADFS federation server that can access your Active Directory for information about user roles. When partners or customers try to access your web application, the application redirects them to your federation server, which kicks off a series of interactions that verify the visitors' identity and permissions. (For a complete overview, see the Microsoft web site: <http://www.microsoft.com/idm>.)

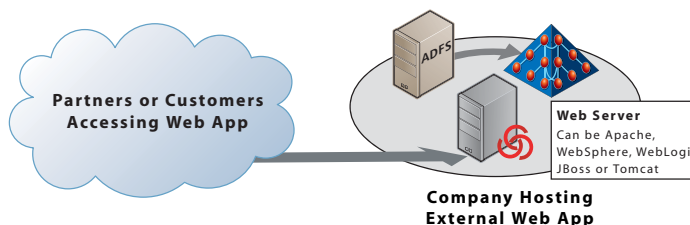
Microsoft Only

The ADFS federation server can protect only applications running on Microsoft IIS.



Microsoft + Centrify

You can enable your ADFS federation server to protect a non-Microsoft web application just by installing the Centrify web SSO agent on the host server.



DirectControl for Microsoft ADFS (Continued)

How DirectControl Extends the Reach of ADFS

Microsoft ADFS enables secure SSO for web applications in two scenarios: for companies that want to provide employees of business partners with SSO to their portal applications; and for server farm-based consumer web sites that comprise multiple applications, each with its own security context. Centrifify DirectControl for ADFS provides the cross-platform solution in both these scenarios.

In both scenarios, the ADFS federation server can communicate only with a web application running on Microsoft IIS. As a component of its DirectControl suite, Centrifify provides a web SSO agent that enables web applications running on non-Microsoft platforms to look and behave exactly like an IIS server to the ADFS federation server.

Just like Microsoft's SSO agent on IIS, the DirectControl web SSO agent you install on your web server performs two essential functions:

Authenticates access requests. The DirectControl web SSO agent intercepts requests for web applications and redirects to the designated ADFS server. When the security token and claims are returned, the DirectControl web SSO agent verifies the token and passes the user through to the application.

Sets the user's security context. Once a user has been authenticated, the DirectControl web SSO agent also passes the associated claims to the application. The method varies depending on the needs of the application.

- For newer JSP applications that are claims-aware, the DirectControl web SSO agent presents the claim as a set of APIs that are best suited for each platform; for example, as a JSP tag library for J2EE servers. The raw SAML (Security Assertion Markup Language) token is also passed to the application.

- For traditional J2EE applications, the DirectControl web SSO agent transforms the claims into a J2EE role for role-based access control.

Seamless Integration with ADFS

The DirectControl web SSO agent seamlessly integrates a non-Microsoft web application into your ADFS infrastructure. Just install the DirectControl web SSO agent on the server hosting the application and you're ready to go.

- Administrators can use the same configuration tools regardless of the web application's platform.
- There is no impact on Active Directory; user accounts and permissions are enabled for access in the same way they are normally for ADFS.
- The web SSO agent provides federated SSO out of the box with applications that support the host server's native security system; for example, J2EE form-based authentication and roles.
- The user experience remains the same.

The Rest of the Security Equation

Securing access to a web application is only part of the security equation. The underlying operating system also needs to be secure against unauthorized access. In addition to supporting ADFS, the DirectControl suite can also integrate the underlying Unix or Linux operating system with Active Directory. You can centralize administrative accounts and privileges in Active Directory, and use Group Policy to enforce security and configuration policy. DirectControl is the only solution that enables you to create management groups (Zones) that give you granular administrative control and the ability to integrate multiple Unix/Linux profiles and identities into Active Directory.

To learn more about DirectControl:

<http://www.centrify.com/directcontrol>

About Centrifify

Centrifify is a leading provider of Active Directory-based identity, access and policy management solutions for mixed Windows, Unix/Linux and Java environments. With its DirectControl suite, Centrifify enables IT organizations to fully leverage Active Directory to significantly reduce administrative costs, strengthen security, improve end-user productivity and comply with regulatory requirements. Centrifify is headquartered in Mountain View, California.

To learn more about Centrifify or to request an evaluation of the Centrifify DirectControl suite, contact us at:

PHONE: (650) 961-1100
EMAIL: info@centrifify.com
WEB: www.centrify.com



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