

Business-Ready Security—Identity and Access Management Solution

Is Your IT Infrastructure Secure?

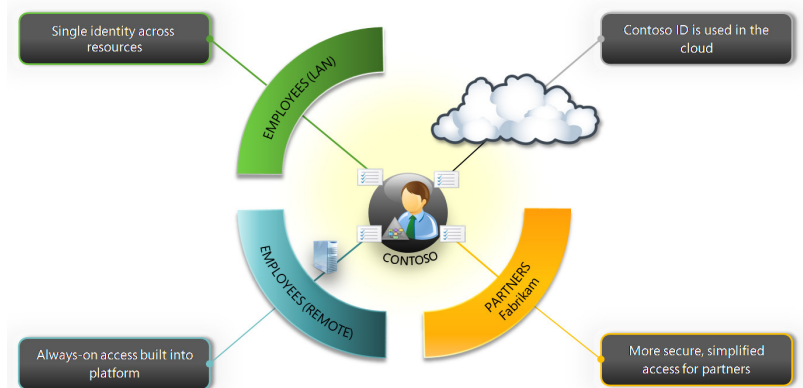
To compete in the new economy, organizations need to provide efficient and secure access to their internal applications and data for external entities, such as business partners, customers, and mobile employees. Users need to access diverse systems and resources on the corporate network, from different types of devices. But because many of these systems don't communicate well with each other, individual users often need to use multiple identities. This proliferation of user IDs and passwords can create burdensome manual practices and inconsistent security policies.

As a result, managing these redundant identities and access privileges becomes complex, wastes time, and increases security risks due to errors.

Identity and Access Management

The Identity and Access Management (IAM) solution enables more secure, identity-based access to applications both on-premises and in-the-cloud from virtually any location or device. It enables employees to use a single identity across their organization as well as on partners' networks, and provides seamless, always-on connectivity. The IAM solution helps enterprises reduce ongoing security costs by enabling them to centrally manage identity stores and simultaneously empower employees to resolve identity and password issues without IT assistance.

The Identity and Access Management solution is part of Microsoft's Business Ready Security approach, which focuses on the principle that security is a means to a business end. Microsoft offers security solutions that help companies manage risks and empower people with access to the information they need to get their jobs done.



Protect Everywhere, Access Anywhere

The IAM solution enables seamless and secure access to corporate information and applications from virtually any location and device. It provides corporate users with a single identity, offering them a consistent experience both on-premises and from remote locations, across both trusted and untrusted endpoints.

- DirectAccess, built into Windows® 7 and Windows Server® 2008 R2, provides always-on, secure and seamless access to data and applications from trusted Windows 7 clients.
- Microsoft Forefront™ Unified Access Gateway (UAG) enables simplified secure remote access from endpoints using older versions of Windows or other operating systems and extends access to internal resources from untrusted endpoints as well.
- The SSL-VPN capability of UAG enables identity-centric, policy-based granular access and security with endpoint integrity checks.

Integrate and Extend Security across the Enterprise

The IAM solution allows businesses to securely collaborate with partners and customers without users having to exchange private information. It enables users to move seamlessly between applications across the enterprise and other organizations through consistent, persistent identity and credentials. This capability allows organizations to more securely establish and extend trust with partners and other external groups while reducing the complexity of managing multiple identities.

- Active Directory® Federation Services provides consistent, persistent identity and credentials that can flow between organizations, which helps reduce the need to manage multiple user accounts or group memberships.

- Forefront Identity Manager (FIM) integrates with Windows client and server to apply a rational, policy-based, and automated framework to each user's identity, enabling end-users to manage their own identities, group memberships, and passwords.
- The IAM solution helps extend single sign-on from an on-premises directory, such as Active Directory, to cloud services, such as those offered by Microsoft Windows Live™ or other managed providers.
- Open, standards-based interoperability with heterogeneous systems and partner networks helps unify infrastructure across the enterprise.
- The IAM solution provides native support for Web and application single sign-on (including multi-factor authentication) with a single authentication model external from applications.

Simplify the Security Experience, Manage Compliance

The IAM solution automates the entire identity life-cycle management process to reduce inefficiencies and hidden costs. It enables administrators to apply policies consistently across the enterprise by centrally managing access to applications. To help meet regulatory requirements, IAM provides simplified management of identities, credentials, groups, policies, and resources:

- The workflow-driven approval process in FIM enables self-service management of group memberships through controls presented in Microsoft Office Outlook® and SharePoint®.
- Microsoft Forefront Identity Manager streamlines and simplifies secure authentication and authorization for remote access via integrated certificates and smart cards management.
- The policy-based management system in FIM improves control over users' identity life cycle, and protects corporate assets against misuse as users move between roles or leave the organization.
- FIM can help reduce management overhead by delegating administration of users and groups in Active Directory.
- FIM provides automated, wizard-driven tools that help simplify the provisioning and de-provisioning of user entities, or corporate-level reorganizations, by applying attributes across directories and applications.

"[The] Geneva (ADFS) project is one of the most significant enhancements for future use and dissemination of identity federation."

Kuppinger Cole

"If you wanted to access a file share in your network, previously you might have had to call your service desk and get approval. Now it is all workflow based. You go to a portal. There is no manual labor."

Brian Desmond,
Microsoft MVP

The Identity and Access Management solution is composed of an integrated line of protection, access and management products, all built around users' identities and integrated with the platform.



Powerful end user self-service capabilities to solve day-to-day tasks such as delegating administration and creating workflows for common identity management tasks, built on a .NET and Web services based foundation.



An open platform that provides simplified access and single sign-on for on-premises and cloud-based applications in the enterprise, across organizations, and on the Web



Comprehensive, secure remote access to corporate resources for employees, partners, and vendors on both managed and unmanaged PCs and mobile devices



New network security and access services, management enhancements in Active Directory, and Windows 7 integration help save time, reduce costs, and provide a platform for a dynamic and efficiently managed data center



Drives lower total cost of ownership by helping users stay productive anywhere while enhancing security and control through BitLocker / BitLocker To Go, Encrypting File System, and an integrated AD RMS client

Learn more about the Identity and Access Management solution and download it at:

<http://www.microsoft.com/forefront/en/us/identity-access-management.aspx>