

Securing Your Digital Life

Entrust Solution – Secure Identity Management

Business Challenges

Your organization needs to extend access to sensitive corporate resources and manage access to an ever-growing number of employees, partners, suppliers and customers. Adding to your challenge is the complexity of delivering access to enterprise resources in multiple ways such as through client-server, Web and Web Services applications. Further adding to your challenge is the increasing number of Web Services applications and network devices undertaking transactions inside and outside of your organization, necessitating the deployment and management of identities to provide for accountability and audit.

At Entrust, we recognize that you are also faced with intense pressure for increased accountability and audit, driven by legislation as well as shareholder demands for more effective corporate governance. The dramatic rise in information and identity theft further underlines the need for a secure identity management solution. The situation has led to several major laws, including Sarbanes-Oxley, HIPAA, FISMA and California SB - 1386 that require the strengthening of internal controls and information security governance. More effective internal controls, including the use of strong authentication, authorization and single sign-on (SSO), and centralized provisioning, can help in your compliance with these critical pieces of legislation while at the same time provide you with opportunities to examine business benefits like cost reductions and increased levels of service.

The Entrust[®] Secure Identity Management Solution

The Entrust Secure Identity Management Solution provides a comprehensive suite of products that enable you to secure the digital life of your employees, customers, partners and suppliers. Supporting a broad range of client-server, Web and Web Services environments, the solution can help lower costs associated with deploying and managing user, application and device identities while making it easier to securely access applications and information over the Internet. Through best-of-breed capabilities, the solution is easy to deploy and operate, includes secure administration, and cost-effectively scales to address large user populations.

The Entrust[®] Secure Identity Management Solution provides a comprehensive suite of products that helps you to securely manage the digital life of employees, partners, suppliers and customers. Supporting a broad range of client server, Web and Web Services environments, the solution helps your organization lower the costs associated with deploying and managing user, application, and device identities across your enterprise while making it easier to securely access applications and information over the Internet.

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Solution Benefits

The Entrust Secure Identity Management Solution offers a modular approach. It includes key capabilities that help secure business applications that are deployed for internal or external use, across client-server, Web and Web Services environments. Delivered through best-of-breed products, the Entrust Secure Identity Management Solution can enable you to reduce costs and increase efficiencies, improve service levels, and address information security governance requirements.

Reduce Costs and Increase Efficiencies

The Entrust Secure Identity Management Solution delivers a modular set of identity and access management capabilities that can help you reduce the cost of supporting your users and allow you to focus your scarce IT resources on high priority projects.

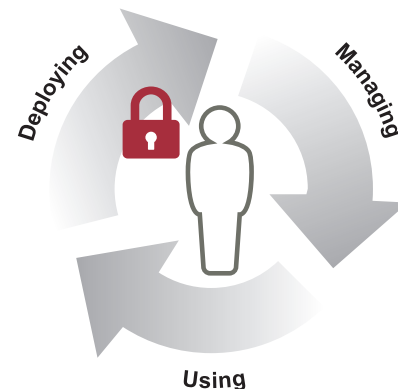
Centralized provisioning enables you to seamlessly deploy and manage a large number of users from a central secure administration portal. This includes the ability to manage the provisioning process through flexible workflow.

Single sign-on across client-server, Web, and/or Web Services applications can help reduce costs and improve efficiency by enabling users to rapidly access their applications and information, lessening the burden on the help desk for password resets.

User self-service helps to reduce administration costs, empowering your users to self-initiate the provisioning process, reset passwords, or update their user profiles, without relying on the help desk.

Flexible delegated administration empowers managers to extend ownership of administrative functions to appropriate control points, helping to remove administrative bottlenecks and streamlining the management of users inside and outside of the enterprise.

Modular and extensible solution components enable organizations to easily add new security functionality, such as strong authentication or digital signatures, to their identity and access management projects. Built on standards such as SAML, SPML, XACML, the solution can be deployed into your environment to address identity and access management capabilities.



The Entrust Secure Identity Management Solution manages the full lifecycle of identities, lowering cost, enhancing security, and increasing service levels.

Easy to deploy security capabilities, including strong authentication through thin-client application options, enables your organization to strongly identify users without the pain of deploying thick client applications or expensive devices.

Improve Service Levels

Your organization needs to maintain high levels of service when it comes to conducting business with key stakeholders. The Entrust Secure Identity Management Solution delivers key capabilities that can help to strengthen relationships.

Automated provisioning of identities can help speed user access to applications, reduce expensive downtime and improve user satisfaction.

Streamlined access to applications through single sign-on to multiple applications and personalization helps improve user productivity. Using flexible authorization capabilities, your organization can significantly improve the way employees, partners, suppliers and customers communicate with you.

Easy application integration by leveraging Web Services makes it easier for partners, suppliers and customers to access critical business services.

Address Information Security Governance

We understand that your organization is feeling intense pressure for increased accountability and information security governance, both from legislation and from shareholders who are worried about corporate viability.

Centralized management of the provisioning process can reduce the risk of unauthorized users or applications receiving inappropriate access to sensitive resources. It also enables you to audit who has access to what inside the enterprise as part of demonstrating effective internal controls.

A secure administration portal can provide tightly integrated authentication allowing only those authorized administrators access to the sensitive identity administration portal.

Stronger authentication across client-server, Web, and Web Services environments identifies the user, device or application, allowing transactions to be audited and users to access appropriate information. This enables you to have increased confidence in the security protecting sensitive corporate resources.

Centralized policy control across client-server, Web, and Web Services environments helps to control access to sensitive information. Through fine-grained authorization controls, you can easily define and enforce policies that are resource specific, making it easier to enforce corporate policy.

Solution Design

The Entrust Secure Identity Management Solution is built on best-of-breed products that can be integrated with leading vendor applications. With its modular design, you can select the component(s) you need at any given time—giving you the flexibility and freedom to build your environment as required. As shown in the diagram below, the Entrust Secure Identity Management Solution delivers key capabilities, including strong authentication, authorization, and provisioning across client-server, Web and Web Services environments.

The Solution Portfolio

The Entrust Secure Identity Management Solution has been designed using market leading, best-of-breed products delivered and supported by Entrust. Solution capabilities are tightly integrated to help reduce deployment cost and risk through modularity and interoperability, allowing for phased deployments in any environment.

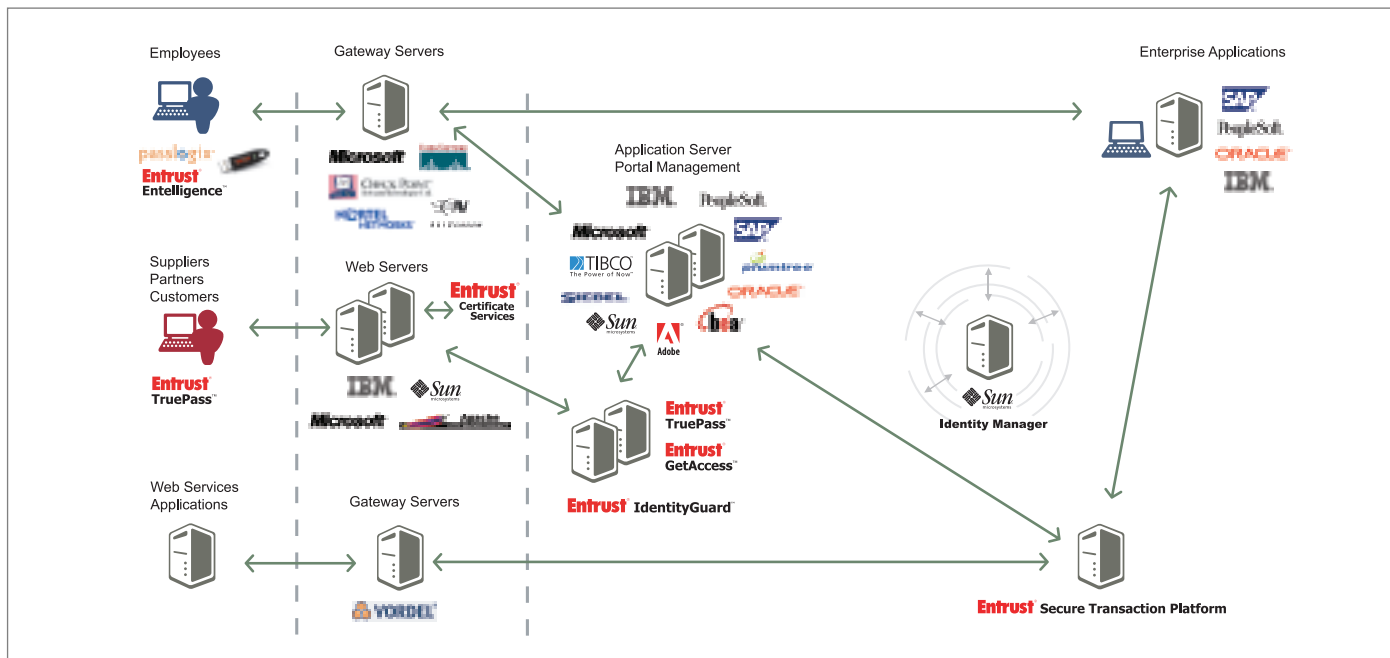






Figure 1: The Entrust Secure Identity Management Solution

Entrust Solution – Secure Identity Management

	Client-server	Web	Web Services
Strong Authentication	<p>Entrust® Entelligence™ Delivers a single security layer to enterprise desktop applications, including strong authentication, authorization, digital signatures and encryption, for greater accountability and privacy.</p> <p>Entrust® IdentityGuard™ Provides a second factor authentication method that can significantly increase the protection on an on-line identity.</p> <p>Entrust USB Token Securely stores an individual's digital ID, which can be used for strong authentication, digital signatures and encryption. </p>	<p>Entrust® TruePass™ Provides end-to-end Web security, including strong authentication, digital signatures and encryption with unmatched ease of deployment and user transparency.</p> <p>Entrust® IdentityGuard™ Provides a second factor authentication method that can significantly increase the protection on an on-line identity.</p> <p>Entrust USB Token Securely stores an individual's digital ID, which can be used for strong authentication, digital signatures and encryption. </p>	<p>Entrust® Secure Transaction Platform Delivers a comprehensive set of Web Services security capabilities for integrating authentication, authorization, and digital signatures into Web Services applications.</p>
Authorization & SSO	<p>passlogix™ Enables enterprise single sign-on by seamlessly connecting to any mainframe, Windows, Web or "homegrown" application.</p>	<p>Entrust® GetAccess™ Provides high performance, scalable Web access control and single sign-on to Web applications. Centrally manages access to single or federated portals and can be easily extended to support Web Services environments.</p>	<p>Entrust® Secure Transaction Platform Delivers a comprehensive set of Web Services security capabilities for integrating authentication, authorization, and digital signatures into Web Services applications.</p>
Provisioning	<p> Identity Manager Provides identity provisioning across a broad range of applications and platforms.</p>	<p> Identity Manager Provides identity provisioning across a broad range of applications and platforms.</p>	<p>Entrust® Certificate Services Makes it easier and more cost effective to manage the lifecycle of SSL certificates on Web servers through automated provisioning. Can be extended to manage digital identities for Web services applications and network devices.</p>

About Entrust

Entrust, Inc. [NASDAQ: ENTU] is a world-leader in securing digital identities and information. Over 1,400 enterprises and government agencies in more than 50 countries rely on Entrust solutions to help secure the digital lives of their citizens, customers, employees and partners. Our proven software and services help customers achieve regulatory and corporate compliance, while turning security challenges such as identity theft and e-mail security into business opportunities. For more information on how Entrust can secure your digital life, please call us at 888-690-2424, or send an e-mail to entrust@entrust.com. Visit us on the Web at www.entrust.com.

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