



Entrust GetAccess™ for E-Authentication

An Approved E-Authentication Technology Provider

The U.S. General Services Administration (GSA) E-Authentication Initiative is aimed at providing the necessary federated identity infrastructure to support a common, unified authentication process and streamline access to government on-line resources. Based on industry standards such as SAML, E-Authentication will help your government agency accelerate delivery of on-line services by enabling you to leverage a variety of electronic credential providers.

Added to the list of approved E-Authentication products in August 2004 (SAML 1.1) and again in September 2007 (SAML 2.0), Entrust GetAccess™ uses SAML to define user authentication, entitlements and attribute information in XML.

Entrust GetAccess Advantages

Entrust GetAccess is a high performance, scalable **Web access control** solution. Entrust GetAccess **centrally manages access** to multiple applications through a single portal, providing users with single sign-on to the applications and content they are authorized to see.

With the broadest support for **user authentication** methods, flexible roles and rules-based access control, self-service features, and proven performance to millions of users, Entrust GetAccess enables government agencies to reduce administration costs while driving more services through their Web portal.

A key component of a layered security strategy, Entrust GetAccess software can provide you with the security, flexibility and performance required to personalize the user experience of a Web portal and help you to lower costs and improve service.

Identity Federation enables integration of user experience and business processes across agency boundaries. The Entrust GetAccess solution provides integral interoperable identity federation capabilities employing **SAML 1.1** and **SAML 2.0**, certified for interoperability by both Liberty Alliance and US GSA e-Auth.

Using Entrust GetAccess, agencies can leverage level 3 or 4 credentials for greater security. Entrust GetAccess is interoperable with the Federal PKI architecture.

Web Services can be provided with the Entrust GetAccess solution. The Entrust

Entrust serves many US Federal agencies and bureaus:

- Treasury Department
- State Department
- Justice Department
- Energy Department
- NASA
- Government Printing Office
- and over 40 others...

Entrust GetAccess supports authentication methods to meet various levels of assurance, including:

- Username & password
- External LDAP repository
- Browser Certificates (X509.v3)
- Microsoft Windows Domain Authentication
- Entrust TruePass™
- Entrust IdentityGuard
- Microsoft .NET Passport
- Smart cards and USB tokens
- RACF/ACF2
- Smart cards and USB tokens
- Random number token



GetAccess product can be enhanced to respond as a SAML identity, attribute, and authorization authority for SOA through tight integration with Entrust Secure Transaction Platform Identification & Entitlement Servers. When deployed in this configuration, Service Oriented Architectures (SOAs) can leverage the Entrust GetAccess capabilities for centralized authentication, authorization and policy services.

Proven large-scale deployments supporting millions of pages, dozens of applications, hundreds of Web servers, and millions of users have already been achieved with Entrust GetAccess. Entrust GetAccess services can be distributed across any number of servers to speed response times and provide continuous availability for your users.

The Entrust GetAccess solution can be used to implement strong security features, such as centralized session management, FIPS 140-2 validated crypto functions, and multi-domain Single Sign-Off to preserve the security of your life on-line.

Entrust GetAccess Architecture

Entrust GetAccess employs a two-tier architecture, providing a thin runtime agent to intercept identification and resource access requests at the Web Server, and a scalable Services Oriented server architecture to manage authentication and authorization processing. The Entrust GetAccess Server has automated service discovery, integral fail-over and fail-back capabilities, and flexible multi-level centralized logging.

Entrust GetAccess Integration Information

Directory – Repository

- Microsoft Active Directory (incl. ADAM), SunONE/iPlanet LDAP, Microsoft SQL, Oracle RDBMS, Novell NDS/eDirectory, Siemens DirX

Platform Support – Back-end Services

- Microsoft Windows 2000, 2003, Solaris Platform Support – Web Server Runtimes
- Microsoft Windows 2000, 2003: Microsoft Internet Information Server, SunONE/iPlanet, Apache, Apache Reverse Proxy, Lotus Domino, IBM HTTP Server
- Solaris: Apache, Apache Reverse Proxy, IBM HTTP Server, Lotus Domino, Oracle, SunONE/iPlanet
- Linux: Apache, Apache Reverse Proxy
- HP-UX [Q1 2004]: Apache, Apache Reverse Proxy, IBM HTTP Server, Oracle, SunONE/iPlanet
- AIX: Apache, Apache Reverse Proxy, IBM HTTP Server, Lotus Domino

Directory – Authentication

- SunONE/iPlanet, Oracle OID, Microsoft Active Directory, Novell NDS/eDirectory, Siemens DirX, CriticalPath

Application Servers

- IBM WebSphere, BEA WebLogic, Microsoft .NET, Oracle, Allaire Cold Fusion

Portal Servers

- IBM, BEA, Sun ONE, Oracle

Authorization Features

- Policies, API for legacy/non-Web apps, API for custom apps, affiliate services security management, SSO, identification monitoring, wireless support, login performance, overall performance, delegated administration

Standards Support

- SAML, XACML, LDAP, OCSP, SSL, SOAP, XML, SPML

About Entrust

Entrust [NASDAQ: ENTU] secures digital identities and information for consumers, enterprises and governments in 1,650 organizations spanning 60 countries. Leveraging a layered security approach to address growing risks, Entrust solutions help secure the most common digital identity and information protection pain points in an organization. These include SSL, authentication, fraud detection, shared data protection and e-mail security. For information, call 888-690-2424, e-mail entrust@entrust.com or visit www.entrust.com.

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