



Securing Your Digital Life

Entrust Shared Service Provider Managed Service PKI for US Federal Government

Delivering Security Benefits of PKI from Industry Leader

The US Federal government has been a leader in the use of public key infrastructure (PKI) and has played a major role driving the maturity of PKI. Over the years, the Federal government has promulgated and refined policy related to the implementation of PKI aimed at maximizing the value that this technology brings to Federal agencies. Many agencies have chosen to build their own PKIs to help meet the security requirements of their agency mission, including the Departments of State, Treasury and Energy among others.

However, smaller agencies may not have the experience or desire to implement an in house PKI. For these agencies, the General Services Administration (GSA) created the Shared Service Provider (SSP) program. Through an SSP, an agency can purchase digital certificates in an outsourced model. The Entrust SSP has been designed to meet US Federal Common policy and standards requirements while providing the same high level of technology and services that have positioned Entrust as a leader in PKI across the Federal Government. Entrust is pleased to have joined the ranks of providers under this program.

US Federal Government Experience

Historically, many agencies who have built PKIs have chosen Entrust solutions in order to get best of breed technology and management features. Many agencies have also turned to Entrust to help meet HSPD-12 requirements. Now, Entrust is offering agencies the ability to get the benefits of this market-leading technology without having to have the infrastructure in house.

There are a number of reasons why Entrust should be your SSP provider. Entrust's knowledge and experience as a technology provider within the Federal PKI environment is unsurpassed. This enables us to deliver against agency requirements more quickly, efficiently and cost-effectively compared with vendors who are new to PKI or for whom PKI is a small line of business.

Entrust has assisted in writing global PKI standards and US Federal PKI policy and has deployed our mature, industry-leading solutions throughout the US Federal government and in government agencies around the world. Entrust has longstanding relationships and technical interoperability with various leading smart card, card management system and OCSP vendors that are in use within the Federal agencies today.

Solution Benefits

- Mission critical support
- Simple, fast deployment
- Transparent security for end users through automated lifecycle management
- Backing of Entrust CygnaCom's black belt PKI experts
- Ability to use for a wide variety of applications including:
 - Secure e-mail
 - Remote access (VPN)
 - Desktop security
 - Electronic forms
 - Other applications requiring authentication, digital signatures and encryption capabilities

Entrust PKI customers have stringent security requirements:

- US State Department
 - US Justice Department
 - US Federal Bureau of Investigation
 - Royal Canadian Mounted Police
 - UK's National Root certificate authority project
- among many others...

Entrust Shared Service Provider

Industry-leading PKI On Demand

The Entrust SSP has made it even easier for an agency to purchase exactly what it needs today and easily scale to meet future business requirements. Deployment is faster and easier since the infrastructure is already in place, while automated digital certificate lifecycle management enables transparent security for existing and new applications.

Digital certificates from the Entrust SSP can be leveraged for multiple applications requiring user or device authentication, encryption or digital signatures, including secure e-mail, desktop security, secure remote access (VPN) and electronic forms.

Reliability

The Entrust SSP provides reliable service with continuous protection. Housed in established secure facilities, the service features a highly available, fully redundant infrastructure with intelligent monitoring and robust data backup and restoration capabilities. All data is archived at an off-site facility and retained for over 10 years. The service also features disaster recovery with failover to a secondary site.

Entrust has partnered with Savvis, the #2 hosting provider worldwide, for secure infrastructure facilities and with Iron Mountain for secure off-site data archiving.

Path Validation

Finally, if your agency wants to leverage PKI credentials beyond HSPD-12 as well as outside the boundaries of your organization, Entrust solutions comply with other important PKI directives including path validation. Path discovery and validation is vital for using certificates in a bridge-enabled environment such as the FPKI environment in use today and planned for the future, and this validation is required to participate in GSA's eAuthentication program.

Core Services:	
<ul style="list-style-type: none">• Certificate and security management<ul style="list-style-type: none">◦ Key Generation/Storage/Recovery◦ Automated key and certificate management◦ Certificate & CRL Generation & Distribution◦ Certificate Update & Renewal◦ Certificate token initialization, programming & management• Flexible directory services	<ul style="list-style-type: none">• Generation and storage of all CA signing keys and database encryption keys in Hardware Security Modules• FIPS 140-2 compliant tokens for Local Registration Authorities, if required• Flexible enrollment and administration options<ul style="list-style-type: none">◦ Administrator initiated, self-service with/without queuing, bulk enrollment, face to face• OCSP services

For more information, please visit www.entrust.com, call 888-690-2424 or email usfed@entrust.com.

About Entrust

Entrust, Inc. [NASDAQ: ENTU] is a world-leader in securing digital identities and information. Over 1,550 enterprises and government agencies in more than 60 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.

