

Entrust Managed PKI

Delivering Security Benefits of Digital Certificates to the Desktop via a Hosted Model

Managing IT security within an organization is critical, but can be complex if not deployed with the proper tools and expertise. Employees, partners and customers exchange sensitive information by e-mail and via Web portals each day. By leveraging a public key infrastructure (PKI), your organization can help secure identities and information as it travels beyond your firewalls.

As data breaches, identity thefts and information loss continue to become commonplace, Entrust Managed PKI enables you to solve security challenges quickly, easily and in a cost-effective manner.

Leverage Entrust Datacard Expertise

A proven outsourced service, Entrust Managed PKI enables you to quickly achieve the benefits of digital certificates without requiring internal PKI expertise or investment in secure physical facilities. Data encryption, digital signatures and verification of certificates occurs at the desktop while the infrastructure services are hosted in secure facilities.

This strategy provides quicker deployment to meet business objectives or comply with government regulations. By leveraging a Managed PKI service, the setup, configuration, operations, maintenance and monitoring of your PKI security infrastructure are handled by Entrust Datacard.

In fact, Entrust Managed PKI offers the flexibility to choose a managed PKI today and migrate to a self-hosted option later — and vice versa. Organizations can even request and manage certificates via Internet-based applications without the costs of administrative overhead.

Whether your organization is attracted to the hands-off approach of a managed PKI service or the control and ownership of an in-house CA, the Entrust Datacard Authority PKI portfolio can be leveraged to address even the most trying security challenges.

Entrust Managed PKI digital certificates enable secure email, file and folder encryption, secure remote access (VPN) and secure electronic forms and PDFs. Entrust Datacard adds value to each of these applications with security that is simple to deploy and transparent to use.

- Digitally sign electronic forms and PDFs to provide assurance of a document's content and origin. Convert paper-based processes into secure online submissions and distribute forms electronically to customers, partners and employees.
- Use secure email to protect private information inside and outside organizational boundaries, ensure regulatory compliance and provide identity theft protection. Data encrypted and/or digitally signed at the sender's desktop remains protected throughout its journey to the recipient's desktop.
- Leverage desktop security to protect sensitive information such as files and folders from theft, loss, tampering and corruption wherever it may reside — locally, remotely or in transit. Tight integration with native Microsoft Windows® security architecture offers enterprise application security that is easy to deploy and manage.
- Establish secure remote access (VPN) via authentication to safely connect your mobile workforce, remote and branch offices, as well as connections to partners and clients.

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Solution Benefits

- Transparent security for end-users that enables:
 - Electronic forms
 - Secure email
 - Remote access (VPN)
 - File/folder security
- Simple, fast deployment
- No need to develop internal PKI management expertise or secure physical facility
- Reliable service with mission-critical support
- Lower up-front investment
- Rich policy features to manage diverse user communities

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Why Entrust Datacard?

Entrust Datacard is recognized by global governments, national defense departments, and financial and industry leaders for unequalled PKI deployment experience.

- Only solution that provides customers with a choice between Managed and on-premises PKI
- 7th-generation security management specialists
- Deployed in 18 of the top-22 e-governments worldwide
- Service and processes built on 12-plus years of deployment experience
- Service expertise with Entrust Certificate Services, U.S. Department of Treasury and the National Finance Center Managed Services

Core Services

- Highly available CA
- Certificate and security management
 - Key generation, storage and recovery
 - Certificate & CRL generation and distribution
 - Automated certificate update and renewal
 - Issuance and management of certificates for smart cards
- Flexible directory services
- Generation and storage of CA signing keys, and database encryption keys in Hardware Security Modules (HSM)
- FIPS 140-2-compliant tokens for Local Registration Authorities (LRA)
- Flexible enrollment and administration options

YOUR COMPANY



END USERS

Request certificates online, send secure e-mail, digitally sign forms and documents.



ADMINISTRATOR

Manage users over the web.

ENTRUST DATACARD



ENTRUST MANAGED PKI

Issue and manage certificates

Information

For more information, please visit the appropriate Entrust pages below.

Entrust Managed PKI:

► entrust.com/products/cloud/pki

Entrust Intelligence Security Provider:

► entrust.com/products/entrust-entelligence

About Entrust Datacard

Consumers, citizens and employees increasingly expect anywhere-anytime experiences — whether they are making purchases, crossing borders, accessing e-gov services or logging onto corporate networks. Entrust Datacard offers the trusted identity and secure transaction technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passports and ID cards to the digital realm of authentication, certificates and secure communications. With more than 2,000 Entrust Datacard colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide.

For more information about Entrust products and services, call **888-690-2424**, email entrust@entrust.com or visit www.entrust.com.

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