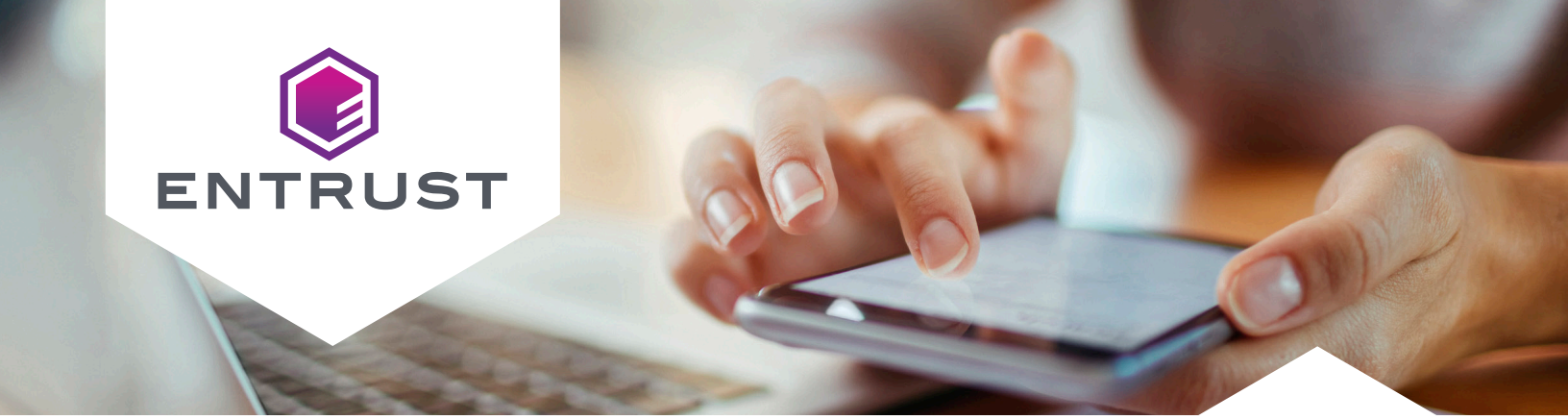


Managed PKI

Secure and enable your evolving enterprise with trusted identity

You're moving to the cloud, empowering mobile employees and collaborating with customers and partners. Your users are leveraging multiple devices and a variety of legacy and cloud apps. You're creating a powerful new digital ecosystem. Your evolving enterprise deserves the world's leading provider of PKI on your side, working to leverage opportunities and protect assets.

HIGHLIGHTS

Trusted identity through managed PKI

Managed PKI from Entrust establishes certificate-enabled identity to secure users, apps, and devices in your evolving enterprise. You gain confidence and agility to:

- Combat threats
- Drive new opportunities

PKI operated and managed according to best practices

With managed PKI, not only can you leverage the best PKI software for your PKI use cases, but the initial setup, configuration, and ongoing maintenance and audits are handled by experts on your behalf.

True security and agility

Entrust Managed PKI gives you complete control in your changing ecosystem. Our managed solution lets you move beyond passwords and tokens and deliver frictionless experiences to all of your users. It enables:

- Digital signing
- Secure email
- Network access
- Information integrity

It also provides full support for all of your legacy and cloud apps.

The PKI portfolio of choice

The most discerning security buyers – from national governments, to the world's largest banks and security-minded enterprises – insist on Entrust because we deliver best-in-class security, without fail. Now, best-in-class PKI is available in an unmatched breadth of offerings:

- Managed
- On-premises
- A hybrid of both

Managed PKI

Aligned with how you do business

Our customers get access to our highly trusted domain experts, who can shape PKI technology to fit your specific needs. Best practices are universal, but enterprise environments are unique. Leveraging our expertise ensures maximum value from your PKI investment.

KEY FEATURES & BENEFITS

- High Assurance with secured Offline Root of Trust, keys secured with FIPS level 3 HSM, secure audited Root Key Generation Ceremony, ISO 27001 Audit and operational compliance
- Fast deployment, low complexity
- No hardware/software to manage
- Low start-up & lifetime costs
- Fast scalability for growth
- Scalable validation authority (OCSP supports higher transactions per second)
- High availability with multi-node deployment
- PKI governance and policy framework
- Secure audited root key
- Offline root following industry common practices
- Independent external audits
- 24x7 support

KEY CAPABILITIES

- Automated provisioning of certificates for Windows domain users and devices, MDM and UEM vendors, client automation toolkits/ agents for Windows, Mac, etc.)
- Certificate issuance, renewal, and revocation
- Automatic configuration tools
- Policy enforcement
- MDM/EMM vendor integrations
- Regulator and security compliance
- Reporting and inventory tools
- Easy-to-use APIs like REST and Java
- Easy to deploy agents as needed
- Simplified certificate lifecycle management - identity lifecycle management

Managed PKI

HOW IT WORKS

The power of Managed PKI

Our Managed PKI provides you with the confidence you need to enable and transform your business. You can leverage trusted identities to offer secure access to a broader array of services, applications, and physical locations while guarding against increasingly sophisticated threats.

Private Networks and VPN Security

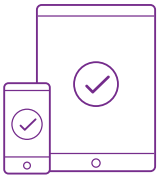
Establish a trusted network environment by issuing digital certificates to VPN gateways, remote access clients, and routers.

User Authentication

Give authorized users one simple and secure way to log into networks and cloud-based apps from desktops, laptops, or mobile devices.

Mobile Authentication

Remove administrative obstacles for mobile workers while actually improving security – enable the powerful concept of mobile as the new desktop.

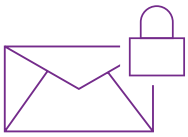


Device Authentication

Simplify Shadow IT and embrace its advantages – manage the identities of all users and devices across your enterprise from a single platform.

TLS/SSL Certificates for Websites and Services

Enable security capabilities at the server level – including permission management, electronic signature, digital receipt, and encryption – to be applied across a variety of enterprise applications.



Email Security

Simplify secure communication with comprehensive, standards-based email encryption capabilities.

Managed PKI

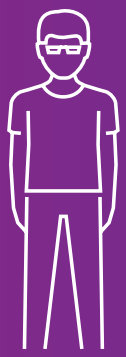
WHY DO CISOs AND CIOs PREFER MANAGED PKI?

CISOs

- Confident control in evolving environments
- Seamless integration with a broader ecosystem
- Solutions that serve as a catalyst for agile innovation
- Ready access to trusted identity experts

CIO

- Fast deployment with low complexity
- No hardware or software to manage
- Low startup and lifetime costs
- Rapid scalability for easy growth
- Device-agnostic approach
- 24 x 7 support



Elements of Entrust Managed PKI Service

Identification & authentication

Digital certificates – trusted identity for people and devices. Digital certificates contain information detailing the identity of a person, device, or application and a public/private key pair, associated exclusively with the person, device, or application.

Integrity, authenticity, & non-repudiation

Digital signatures – non-repudiation for secure transactions. Electronic signatures that verify acceptance of terms or authorize a transaction are impossible to forge, which makes them even more secure than signatures on paper.

Message hashing – no tampering of information. This technique applies a digital fingerprint to encrypted messages. Attempts to alter message content are easily detected.

Confidentiality

Encryption – for your eyes only. Encryption algorithms transform characters into unreadable code that can only be decrypted by authorized users with secure keys.

Public and private key pairs. All parties in an encrypted transaction have an assigned key pair – one public and one private. Senders use the public key unique to the recipient to encrypt messages. Recipients use their private key to decrypt the message.

OUR OFFERINGS

Entrust PKI portfolio

Entrust Security Manager
Entrust Administration Services
Entrust Security Manager Proxy
Entrust Managed Microsoft PKI Service
Entrust Certificate Hub
Entrust CA Gateway
Entrust ePassport Solutions
Entrust Citizen ID Solutions
Entrust Discovery Scanner
Entrust Entelligence™ Agent
Entrust Validation Authority
Entrust Managed Root CA

Learn more at
entrust.com

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