Entrust Solutions Portfolio

Securing Digital Identities, Transactions and Information

As a trusted security expert, Entrust provides comprehensive identity-based security solutions that safeguard enterprises, governments, financial institutions, citizens and websites.

Now, as part of Datacard Group, Entrust offers an expanded portfolio of solutions across more than 150 countries. Together, Datacard Group and Entrust issue more than 10 million secure identities every day, manage billions of secure transactions annually and issue a majority of the world’s financial cards.

Proven Solutions

From security-conscious organizations to innovative government agencies, Entrust helps secure and protect digital identities, information and transactions with award-winning solutions. Trust Entrust to help you defend against sophisticated online and internal threats, increase corporate efficiency, and comply with domestic and international regulations.

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Global Respect

Elite organizations and government agencies — INTERPOL, U.S. Department of State, NASA, U.K. Ministry of Defence, Bank of New Zealand, Banco Santander, DnB NOR, Lloyds TSB, American Airlines, Pfizer, Expedia and more — look to Entrust to help protect and secure the most sensitive of assets.

entrust.com/success

Trust in Identities

Security begins when organizations know and trust the identity of those involved in a given transaction. However, the story of identity no longer solely focuses on individual people — increasingly, it’s about devices and applications — ranging from personal mobile devices to ATMs and even electric meters.

Security from the Cloud

Entrust IdentityGuard Cloud Services is an end-to-end digital certificate and identity management solution that brings together all certificate services, tools and solutions under a single cloud-based offering. It’s a simple, strong and easy solution to issue and manage identities through their lifecycle via the cloud.

entrust.com/cloud

What We Do

Entrust provides identity-based security solutions for enterprises, governments, and financial institutions that:

- Protect digital identities through strong authentication of people, devices and applications
- Leverage mobile devices as smart credentials, convenient authenticators or to enable mobile security applications
- Authenticate identities to the cloud and cloud-based applications
- Offer a combination of physical, logical and mobile authentication solutions via a single platform
- Simplify issuance and management of smartcards
- Provide proven fraud detection solutions that offer cost-effective transaction monitoring and risk-based protection from advanced malware
- Enable governments and organizations to deploy advanced credentialing and citizen eID projects

entrust.com
Strong Authentication & Fraud Detection

Entrust’s software authentication platform enables organizations to secure access to sensitive information and intellectual property for employees, partners and customers. The solution offers the broadest range of authenticators in the market — all from a single trusted security expert.

Specific to consumer and business-banking environments, the award-winning Entrust IdentityGuard software authentication platform and the Entrust TransactionGuard fraud detection solution seamlessly work together to secure and protect digital identities and transactions from online fraud.

► Entrust IdentityGuard

Entrust IdentityGuard enables organizations to layer security — according to access requirements or the risk of a given transaction — across diverse users, applications, services and cloud-based environments.

To ensure enterprises’ safe migration to cloud services and applications, Entrust offers a single software platform that provides identity federation, strong authentication, a full range of mobile capabilities and key self-service tools.

Entrust’s diverse set of authentication capabilities include smartcards and USB tokens, soft tokens, grid cards and eGrids, IP-geolocation, questions and answers, mobile smart credentials, biometrics, out-of-band one-time passcode (delivered via voice, SMS or email), out-of-band transaction verification and a range of one-time-passcode tokens.

Powered by Entrust IdentityGuard. The widest range of authenticators on the market today — all from a single platform.
### MOBILE SECURITY & DEVICE MANAGEMENT

- **Entrust IdentityGuard**
  Secure mobile identities and transactions, but also leverage mobile devices to improve your organization’s overall security posture. Authenticate mobile devices connecting to your network, encrypt and digitally sign mobile email communication, and monitor mobile transactions to detect fraudulent or unauthorized activity.

  Entrust also offers a range of on-premise, hosted and pre-integrated mobile device management (MDM) capabilities to suit your needs. By leveraging mobile devices to secure the online channel, Entrust provides a number of solutions to defeat malware and secure access to logical, cloud and physical resources.

### MOBILE IDENTITIES

- **Entrust Mobile Smart Credentials**
  Taking advantage of near-field communication (NFC) and Bluetooth standards, Entrust mobile smart credentials embed digital certificates on smartphones to create trusted identity credentials for stronger, more convenient enterprise authentication.

  Always on hand, these multipurpose credentials securely access computer workstations, network resources, data, cloud applications, physical doors or buildings, and also enable users to digitally sign transactions and encrypt data.

### FRAUD DETECTION

- **Entrust TransactionGuard**
  Entrust TransactionGuard transparently monitors user behavior to identify anomalies, and then calculates the risk associated with a particular transaction — all seamlessly and in real-time.

  When used with Entrust IdentityGuard, organizations have the ability to increase the strength of authentication based on the real-time risk of customer behavior, rather than forcing all users to authenticate based on a static policy.

### SINGLE SIGN-ON

- **Entrust GetAccess**
  A scalable, high-performance, SAML-enabled 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.

### Who We Secure

- 9 of the top 10 e-governments worldwide
- 8 of the top 10 global telecom companies
- 8 of the top 10 global aerospace and defense companies
- 7 of the top 10 global commercial banks
- 7 of the top 10 global pharmaceutical companies
- 4 of the top 5 global petroleum companies
Entrust IdentityGuard Cloud Services

Entrust IdentityGuard Cloud Services is an end-to-end digital certificate and identity management service that brings together all certificate services, tools and solutions under a single cloud-based service. It’s a simple, strong and easy solution to issue and manage identities through their lifecycle via the cloud.

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<th>Section</th>
<th>Description</th>
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| **Certificate Management**       | ✅ Entrust IdentityGuard Cloud Services SSL  
Entrust provides a centralized SSL certificate management hub that simplifies the purchase, deployment, renewal and expiry of digital certificates for multiple Web servers and users. The self-service capabilities streamline certificate management while providing secure certificates from a trusted brand in online security. |
| **Certificate Discovery**        | ✅ Entrust IdentityGuard Cloud Services Discovery  
Entrust IdentityGuard Cloud Services Discovery is a comprehensive solution that helps find, inventory and manage SSL digital certificates across diverse systems and environments. By identifying and evaluating deployed digital certificates, Discovery helps organizations avoid compliance ramifications, costly outages or even losses from data breach. |
| **Device Certificates**          | ✅ Entrust IdentityGuard Cloud Services Device Certificates  
Provision and manage digital certificates to a wide range of devices, including smart meters, ATMs, networked devices (e.g., printers, servers) and mobile devices. Whether deployed via the cloud, an on-premise model or a mobile device management (MDM) solution, organizations may select the method that best suits their security needs, budget and environment. |
| **Smart Credentialing Service**  | ✅ Entrust IdentityGuard Cloud Services Smart Credentials  
Entrust IdentityGuard Cloud Services Smart Credentials enable organizations to issue and manage smartcards and Mobile Smart Credentials (virtual smartcards) for user populations — whether locally or across the globe — directly from the cloud. |
| **Hosted PKI**                   | ✅ Entrust IdentityGuard Cloud Services PKI  
Harness the power of PKI technology without buying, establishing or operating an in-house solution. Establish and maintain a trustworthy environment by providing certificates that secure many off-the-shelf applications using encryption, digital signatures and strong certificate authentication.  
Control access to resources, prevent theft of information and comply with privacy and digital signature regulations. With Entrust IdentityGuard Cloud Services PKI, organizations may leverage the certifications obtained, and trust relationships established, by Entrust — resources not accessible with an in-house PKI. |
Public Key Infrastructure & Encryption

A pioneer of public key infrastructure (PKI), Entrust offers customers flexible and manageable solutions that leverage the unparalleled security capabilities of PKI — delivered as software or as a cost-effective hosted service.

Whether it’s ePassports, multipurpose credentials, citizen eID initiatives, secure email, strong authentication or digital signatures, PKI-based technology represents a collection of the most valuable solutions Entrust implements for customers across the globe.

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<th>ON-PREMISE PKI</th>
<th>▶ Entrust Authority</th>
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<td>Entrust’s first public-key infrastructure — the world’s first commercially available PKI — was released in 1994. Now in its eighth edition, the Entrust Authority public key infrastructure product portfolio is the industry’s most relied upon PKI solution. This platform is also the foundation for Entrust’s many government solutions, including security for ePassports, first-responder authentication credentials and citizen ID initiatives.</td>
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<th>CITIZEN eID &amp; ePASSPORTS</th>
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<td>Entrust provides a variety of proven and trusted options for governments seeking to implement citizen identification and ePassport programs. From citizen eID cards, ePassports, digital certificates and strong citizen authentication, Entrust offers expertise, affordability and versatility unmatched by any vendor.</td>
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<td>A complete secure communication platform, Entrust Entelligence Messaging Server is a turn-key appliance for standards-based email encryption. The solution is easy to deploy and maintain for organizations that communicate sensitive or regulated information — both inside and outside their organization — via email. The platform supports a range of email encryption standards, including S/MIME, OpenPGP, Adobe PDF and Web-based email security, as well as secure e-statement delivery.</td>
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<td>A more robust alternative to Entrust Entelligence Messaging Server, the Entrust Entelligence Security Provider not only encrypts email communication, but also offers automatic management of an organization’s digital IDs. Entrust’s client-side solution provides organizations proven encryption, authentication and digital signature capabilities to secure Web and desktop applications, as well as enterprise desktops.</td>
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Entrust Digital Certificate Portfolio

Focused and dedicated, Entrust offers a comprehensive portfolio of SSL and specialty digital certificates that are proven, cost-effective and supported by standards-based technology.

- **Standard & Advantage SSL Certificates**
  Entrust Standard SSL Certificates provide website identification and enable 128- and 256-bit encryption between common Web browsers and Web servers. With more features than the Entrust Standard SSL Certificate, the Entrust Advantage SSL Certificate offers greater setup and deployment flexibility.

- **EV Multi-Domain SSL Certificates**
  Entrust EV Multi-Domain SSL Certificates take advantage of the added visual cues in the latest browsers and give your customers the green light to perform sensitive online transactions on your trusted site. These certificates are issued to domains only after rigorous validation of their identity.

- **Entrust Wildcard SSL Certificates**
  Entrust Wildcard SSL Certificates secure an entire domain with one certificate. By including both www.domain.com and domain.com as subject alt names (SANs), and allowing the addition of up to nine more sub-domains as SANs, Entrust Wildcard SSL Certificates are designed for maximum compatibility. They offer a great combination of flexibility and value, allowing system administrators to future-proof the addition of more sub-domains while streamlining management.

- **UC Multi-Domain SSL Certificates**
  Entrust UC Multi-Domain Certificates provide greater flexibility to support powerful unified communications (UC) products like Microsoft Exchange Server 2007 and Microsoft Office Communications Server 2007, as well as supporting multiple domains with a single certificate — without sacrificing security controls.

- **Mobile Device Certificates**
  Transparently provision and manage mobile digital certificates on today’s popular mobile devices to secure identities and transactions, grant secure access to corporate networks and enable secure email.

- **Entrust Private SSL Certificates**
  Deploying Entrust Private SSL Certificates enables the continued use of non-registered domain names. Domains are registered to just one customer, further bolstering security. They provide the same key sizes, signing algorithms, validity periods and CA protection as Entrust’s proven publicly trusted SSL certificates. And they’re issued via a private shared CA that protects you from possible impersonation attacks by ensuring no two certificate names are alike.

- **Entrust Adobe CDS Certificates**
  Accessible and affordable, Entrust Adobe CDS Certificates enable organizations to digitally sign Adobe PDF files. Recipients can feel more confident by seeing the visual trust indicators that verify who published the document and whether it has been altered.

- **Entrust Code Signing Certificates**
  To help thwart the trend of malicious malware being disguised as legitimate software, Entrust Code Signing Certificates allow users to authenticate the source and verify the content integrity of code that is downloaded from the Internet.

- **Entrust Secure Email Certificates**
  Publicly trusted Entrust Secure Email Certificates provide a cost-effective approach for individuals or organizations to encrypt or digitally sign important communication and information via a managed service. Based on proven industry standards, Entrust Secure Email Certificates are available in two distinct levels — personal and enterprise. As their names suggest, each is designed to provide the appropriate ID validation and capabilities at price points for the specific environment.

Entrust offers software authentication platforms that strengthen security in a wide range of identity and transaction ecosystems. Government agencies, financial institutions and other enterprises rely on Entrust solutions to strengthen trust and reduce complexity for consumers, citizens and employees.

Now, as part of Datacard Group, Entrust offers an expanded portfolio of solutions across more than 150 countries. Together, Datacard Group and Entrust issue more than 10 million secure identities every day, manage billions of secure transactions annually and issue a majority of the world’s financial cards. For more information about Entrust solutions, call 888-690-2424, email entrust@entrust.com or visit www.entrust.com.

**Company Facts**
Website: www.entrust.com
Employees: 399
Customers: 5,000
Offices: 10 globally

**Headquarters**
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