

## Entrust IdentityGuard Cloud Services Smart Credentials

### Multipurpose Smartcards, USB Tokens & Mobile Smart Credentials

One of the most secure and simple-to-use methods for strong authentication is achieved via multipurpose smartcards. Unfortunately, many smartcard solutions require too many point products, are complex and place a heavy burden on IT.

Entrust IdentityGuard Cloud Services consolidate the issuance and management of multipurpose smartcards, mobile credentials and USB tokens. The credentialing process is simplified, allowing organizations to quickly realize the benefits of smartcard technology.

### Smart Credentials, Right from the Cloud

Produce and manage a single unified identity credential for each person associated with an enterprise, government agency or citizen population. Enroll identities, activate credentials, handle day-to-day management, print credentials and even mail smartcards to end-users — all from the cloud.

► [entrust.com/cloud](http://entrust.com/cloud)

### End-to-End Service

Entrust's smart credential service is the proven, end-to-end cloud solution for consolidating identity-based credentials. Smartcards are printed with digital identities in a secure facility, delivered and distributed following simple guidelines for identity-proofing.

### A Unified Credential

Entrust facilitates mobility, interoperability and security of end-user access by employing one credential for building, computer and cloud access, and a wide range of useful applications (e.g., secure email, document-signing and photo identification).

### Total Access Convergence

Entrust marries legacy and contemporary physical access control technologies with logical access security. This cloud-based solution integrates with existing physical and logical access controls, elevates the security posture of all environment types and provides a future-proof strong identity credential.

+1-888-690-2424

[entrust@entrust.com](mailto:entrust@entrust.com)

[entrust.com/cloud](http://entrust.com/cloud)

 @Entrust

 +entrust

 /EntrustVideo

 /EntrustSecurity



DOWNLOAD  
THIS DATA SHEET

### Service Benefits

- End-to-end cloud service for identity-based smartcards and credentials includes:
  - Identity-vetting
  - Data capture
  - Personalization
  - Printing
  - Issuance
  - Revocation
- Tailored for enterprise, financial, citizen or government environments
- Smart credentials available in a variety of form factors — USB tokens, smartcards, or even leverage existing mobile devices as virtual smartcards
- Leverage BYOD or corporate-issued mobile devices with advanced, cost-effective mobile smart credentials for smartphones
- Deploy single smartcard credential for secure physical, logical and cloud access
- Evolves with future technology such as PKI authentication and biometric data (e.g., retina scan, facial recognition, fingerprints)

# Entrust IdentityGuard Cloud Services Smart Credentials

Multipurpose Smartcards, USB Tokens & Mobile Smart Credentials

## An Authentication Paradox

The protection of an organization's assets starts with a secure, trusted identity. Yet today's organization is tasked with deploying multiple identities with a variety of incompatible solutions — and often from many different vendors.

### End of Passwords

Organizations realize usernames and passwords are no longer an acceptable form of authentication for identity-based security. Many have utilized a variety of multifactor authentication solutions — from one-time passcodes (OTPs) to SMS text messages — that have poor end-user experiences and are often compromised by modern-day attacks. Basic effectiveness with identity-based security based is lacking.

### Smarter Digital Identities

Digital identities embedded on smartcards are much more difficult to compromise when compared to other methods, such as usernames and passwords, or OTP tokens. The digital identity never leaves the card; rather, the physical/logical service the user wants to access sends a request to the card to prove it has the digital identity. A PIN is typically required, so the card only authenticates the rightful owner.

## Global Issuance & Management

Entrust's comprehensive platform approach enables organizations to issue and manage smartcard populations — whether locally or across the globe. This seamless method makes it efficient to displace outgoing legacy systems or simply issue a credential for a new employee — all from a comprehensive cloud service.

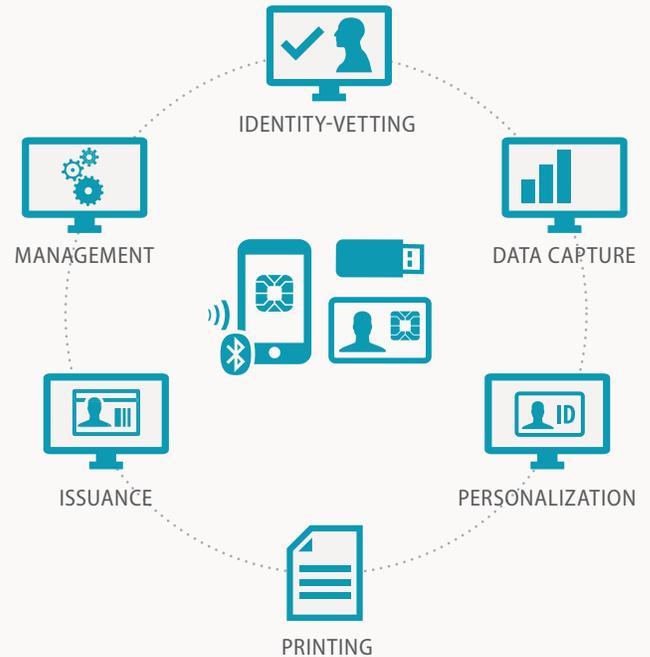


**Smarter credentialing.** Entrust's end-to-end service enables organizations to issue, proof and manage credentials assigned to end-users. Choose to use either one or a combination of form factors, such as mobile smart credentials, USB tokens or smartcards.

## An End-to-End Approach

Unlike other solutions in the market, Entrust's cloud-based credentialing service includes all necessary components, including identity-vetting, data capture, personalization, printing, issuance and revocation.

Entrust makes it simple to manage the entire credential lifecycle for an organization, eliminating complexity and displacing the need for multiple vendors for a single, cost-effective service.



### Scalable, Versatile

Entrust credentials facilitate mobility, interoperability and security of end-user access by employing one credential for building access, computer/logical and cloud access, document-signing and enabling authenticated use of wide range of applications.

### Printing & Personalization

Prefer a smartcard-based approach? Entrust IdentityGuard Cloud Services offer total personalization and printing capabilities. This end-to-end approach helps streamline deployment and increases your return on investment by only requiring a single vendor.

### Future-Proof

Because it's powered by a cloud service, Entrust credentials may be easily scaled to take advantage of future biometric standards, including fingerprints, retina scans or facial recognition — all on the same smartcard.

### Easy Management

Entrust provides all the traditional identity provisioning and management capabilities from a standard credentialing solution right from the cloud.

### Intuitive Interface

Entrust makes it easy to log in to the cloud-based interface and manage an entire organization's identity or credential landscape. This reduces costs, unburdens help desks and returns focus to core business.

### Easy for End-Users

One card to carry, one PIN to remember and only one process for authenticating users who "left their card at home." End-user acceptance helps reduce cost and unburdens help desks.

# Entrust IdentityGuard Cloud Services Smart Credentials

Multipurpose Smartcards, USB Tokens & Mobile Smart Credentials

## Flexible Form Factors

Each organization is given the option to deploy a FIPS 140-certified smartcard. For organizations or users who do not possess card readers, a USB form factor or a mobile smart credential (virtual smartcard on a mobile device) may be selected.

These chip-based smart credentials contain microprocessors that compute, in real time, cryptographic operations that validate and authenticate users.

And since they are effectively embedded computers, they are able to store a variety of identity information (e.g., fingerprint or retina) and can evolve over time. Entrust categorizes these as smart credentials, to indicate that they are based on smartcard technology.

## Entrust IdentityGuard Cloud Services

Entrust IdentityGuard Cloud Services is a comprehensive cloud-based solution that offers Entrust's complete line of identity-based security solutions. Manage all identities and certificates — related to SSL, smart credentials, device certificates, PKI and certificate discovery — right from a single cloud interface.

This approach provides a simple, strong and easy solution to issue, manage and authenticate identities through their lifecycle via the cloud.

### Entrust IdentityGuard Cloud Services

- SSL
- Smart Credentials
- Device Certificates
- PKI
- Discovery

A trusted provider of identity-based security solutions, Entrust secures governments, enterprises and financial institutions in more than 5,000 organizations spanning 85 countries.

Entrust's award-winning software authentication platforms manage today's most secure identity credentials, addressing customer pain points for cloud and mobile security, physical and logical access, citizen eID initiatives, certificate management and SSL.

For more information about Entrust products and services, call **888-690-2424**, email [entrust@entrust.com](mailto:entrust@entrust.com) or visit [www.entrust.com](http://www.entrust.com).

#### Company Facts

Website: [www.entrust.com](http://www.entrust.com)  
Employees: 359  
Customers: 5,000  
Offices: 10 globally

#### Headquarters

Three Lincoln Centre  
5430 LBJ Freeway, Suite 1250  
Dallas, TX 75240 USA

