

## Identity-Based Security for Law Enforcement

### Proven Solutions for the Modern Public Safety Agency

Access to information is critical to modern law enforcement. Whether that is access to sensitive online information or inter-jurisdictional communication, it allows officers to perform their duties safely and effectively.

Entrust provides strategic security solutions that authenticate officer identities and consolidate physical and logical access control systems. These solutions also provide encryption and digital signature capabilities, and allows law enforcement to securely leverage mobile devices for a more versatile police force.

#### Build a Mobile Police Force

The introduction of mobile devices provides real-time access to information directly to agents working in the field. It also increases the risk of that information being compromised. Build your mobile work force while ensuring mobile-based information is properly secured via proven authentication and encryption solutions.

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

#### Consolidate Physical & Logical Access Control

Combine physical and logical access control with a uniform user identity that is managed via a single comprehensive software platform. Gain the convenience of a single authenticator while consolidating management, improving ROI and providing a stronger security position.

#### Stop Unauthorized Access

Without authenticating officer identities, unauthorized access to physical assets — such as restricted weapons or confiscated assets of criminal activity — can jeopardize ongoing investigations and well as putting the police force in non-compliance with federal regulation. This practice also holds true for unauthorized access to logical assets, such as police databases and sensitive networks. Consolidate access management by implementing a strategy that authenticates identities based on location, sensitivity, rank and more.

#### Secure Critical Intelligence

For the law enforcement community, sharing and accessing intelligence is a critical component of fighting crime and remaining safe. Entrust allows officers to quickly and securely access and share intelligence.

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#### Solution Benefits

- Leverage advanced security solutions tailored for today's mobile law enforcement and public safety agencies
- Issue and manage strong digital identities for physical, logical and mobile access
- Gain the widest range of cost-effective authentication methods including physical, transparent and mobile-based authenticators
- Trust secure collaboration between users with proven digital signatures and encryption
- Comply with today's and tomorrow's security policies and mandates

## Securely Verify Officer Identities

Entrust issues tamper-proof identification to both law enforcement personnel and citizens. This identification comes in different formats, including paper-based travel documents such as ePassports, credit card-sized smartcards or mobile-based credentials.

The chip-based smartcard, however, serves as the standard credential for law enforcement agencies across the world. With versatility as its top attribute, smartcards are trusted for physical and logical access, document-signing and more.

The identities held within these credentials cannot be duplicated, altered or falsified without detection. Accurate identification of individuals helps protect citizens and police officers by preventing the use of false identity for border access, fraud, terrorism, smuggling and child-trafficking.

Issuance and management of the credential is done through a single management interface powered by Entrust IdentityGuard. Issue smartcards that optionally contains a PKI certificate, biometric data (e.g., user photo, fingerprints) for multipurpose application. The Entrust IdentityGuard platform offer a number of different authenticators for access to non-smartcard enable networks.

Entrust also leverages advanced mobile smart credentials and mobile-derived credentials, allowing officers to use smartphones for authenticated physical and logical access.

### Boost Speed & Versatility to Fight Crime

To effectively prevent or to respond to criminal activity, it is critical to:

- Issue identities to citizens and law enforcement officials that cannot be duplicated or falsified
- Properly authenticate individuals accessing borders, events, law enforcement networks and facilities
- Allow the secure sharing of intelligence between law enforcement organizations

## Physical & Logical Access Control

Traditionally, physical access provides authorized admission to buildings, while logical access provides access to networks. Entrust IdentityGuard solves both access control challenges from a single platform. This integrated platform approach simplifies the issuance and management of smartcards and certificates, leveraging industry standards such as PIV, all from a single trusted vendor.

### What is Logical Access Control?

Logical access control refers to the tools and processes used to authenticate identities — of officers, agents and staff — for authorized access **to computers and computer networks**.

### What is Physical Access Control?

Physical access control refers to the tools and processes to authenticate identities — of officers, agents and staff — for authorized access **to physical resources**, such as a building, office, arms locker or evidence lockup.

### Logical Access

Authenticate individuals prior to accessing sensitive computer networks, a method commonly known as secure logical access control (LAC). Entrust supports a broad range of user authentication methods including physical (e.g., a one-time-passcode token or grid card), mobile- and smartcard-based, or online (e.g., passwords plus questions and answers).

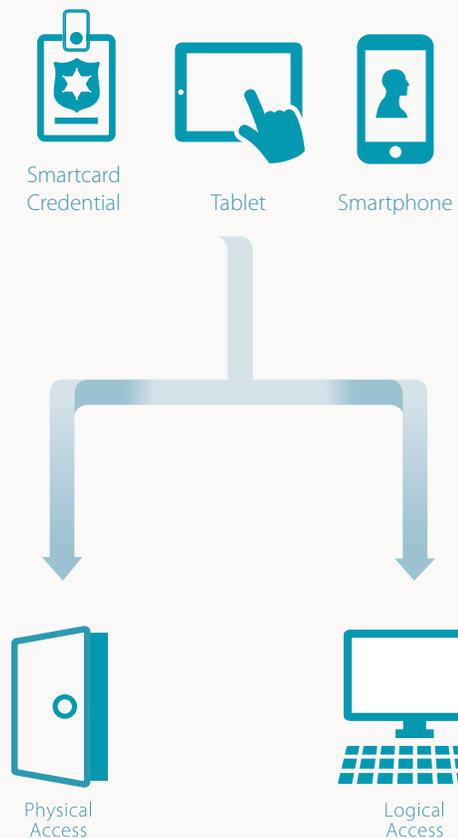
This allows organizations to deploy authentication methods that will ensure strong authentication of the user, be convenient and simple for the individual to use, and meet the budgetary requirements of the organization.

### Physical Access

Integrate with physical access control (PAC) systems to ensure only authorized individuals have physical access to buildings, arms lockers and lockups (e.g., confiscated material, evidence).

Employing the latest technology, Entrust captures user information, encodes it on advanced standards-based chip technology and ensures user information remains secure and tamper-proof on the device and while communicating with the PAC system.

For physical access control to permanent or virtual borders, Entrust PKI capabilities provide tamper-proof citizen credentials based on International Civil Aviation Organization (ICAO) Basic Access Control (BAC) and Extended Access Control (EAC) international standards.



## Secure Collaboration

The critical exchange of sensitive intelligence — whether within a single law enforcement organization or across the globe — must be executed securely and in a timely manner to protect the integrity of both the information and investigation.

Via trusted encryption and digital signature technology, Entrust secure collaboration solutions provide the ability to share and communicate information securely between individuals and groups.

Communicate sensitive information securely between individuals, regardless of whether the organization is using an in-house email system or leveraging a commercial email system (e.g., Gmail). In fact, communicating individuals do not even have to have an existing relationship.

The information may be encrypted — preventing unauthorized reading of the text — either by the individual at the time of sending or automatically before it leaves the organization. This facilitates the secure, free flow of information that is critical to preventing and fighting crime.

## Real-World Agency Use Cases



### USE CASE

#### Digital Signing

Officers and agents depend on speed of information and communication. Digitally sign warrants, traffic tickets and other sensitive information on a BlackBerry or other mobile device. This increases the efficiency and effectiveness of officers in the field.



### USE CASE

#### Logical Access via Mobile

Instead of laptops locked down in patrol cars, today's officer is most likely armed with a tablet, smartphone or other mobile device. In this scenario, officer devices are not only verified and authenticated, but communication to and from the device is encrypted. This speeds communication and helps eliminate the chance that critical or sensitive information falls into criminal hands.



### USE CASE

#### Physical & Logical Access

Due to the sensitivity of files, evidence and other information, secure lockups are often required. Issue a single credential for use by officers for physical access to buildings, weapons and other material lockups.

## A History of Success

For more than 15 years, Entrust has been working with governments, police and the law enforcement community to meet advanced security requirements.

- More than 100 law enforcement organizations worldwide trust Entrust, including INTERPOL, Serious Organized Crime Organization (SOCA), RCMP, Norwegian Ministry of Defense and UK Ministry of Defense
- Nine of the top 10 eGovernments use Entrust security solutions
- 50 percent of world's first- and second-generation passports are secured via Entrust
- Entrust helps the Maritime Piracy Task Force fight maritime piracy through the timely and secure exchange of information between agencies of member countries



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](mailto:entrust@entrust.com) or visit [www.entrust.com](http://www.entrust.com).

#### Company Facts

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