

Identity-Based Security for Law Enforcement

For today's law enforcement community, intelligence is a critical component of fighting crime. Whether patrolling in your community, protecting a border or access to an event, combating smuggling and piracy, or stopping child-trafficking, being able to verify identities of individuals, and have timely access to information, is critical to success.

The Internet, coupled with the ease of travel, has made many criminal activities an international affair rather than a local issue. The timely sharing of intelligence between law enforcement agencies within and between jurisdictions, as well as the collaboration between countries, is critical to fighting crime. The Internet facilitates the free flow of intelligence, but comes with the risk of sensitive information being accessed by unauthorized personal.

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 — regardless of whether they have an existing relationship

Entrust identity-based security solutions address key requirements for law enforcement organizations in their fight against crime.

Strong Identification of Individuals

Entrust issues tamper-proof identification to 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 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.

Logical Access Control

Entrust solutions 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.

Solution Benefits

- Issues and manages strong digital identities for physical, logical and mobile access
- Widest range of cost-effective authentication methods including physical, transparent and mobile-based authenticators
- Secure collaboration between users and groups
- Flexible to meet today's and tomorrow's security priorities

Physical Access Control

Entrust authentication solutions 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.

Combined Physical & Logical Access Control

Entrust solutions allow law enforcement agencies and organizations to consolidate physical and logical access control with a uniform user identity that is managed via a single comprehensive software platform. This provides the user with the convenience of a single authenticator while consolidating management, improving ROI and providing a stronger security position.

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.

Entrust secure collaboration solutions provide the ability to share and communicate information securely between individuals and groups.

Sensitive information related to a particular project or case may be automatically encrypted and stored in secure folders. Only current authorized participants in the project can unencrypt, read and add to folder contents, even if access to the folder is compromised. Folder and content access is audited for regulatory compliance.

About Entrust

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 or visit www.entrust.com.

Entrust[®] Securing Digital Identities & Information

Entrust provides the ability to 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.

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



More Information

For more information on identity-based security solutions for law enforcement, contact the Entrust representative in your area at 888.690.2424 or visit entrust.com/law-enforcement.