

Entrust Solutions for Law Enforcement

Logical Access to Computer Networks

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 quickly and securely access and share intelligence, is critical to success.

The Internet can facilitate this free flow of information, but comes with the risk of sensitive information being accessed by unauthorized personal. Simple username-and-password authentication is insufficient protection against unauthorized access to computer networks. A strong second factor of authentication is required to properly authenticate individuals accessing secure networks to protect from the theft or altering of sensitive information.

While preventing and solving crime is a universal goal of law enforcement, there can be significant differences in authentication requirements between organizations.

The type of authenticator used, its strength and total cost may be different depending on what it is protecting, the usability requirements of the officers and budgetary constraints.

Entrust IdentityGuard Strong Authentication

Entrust IdentityGuard is an award-winning software-based authentication solution that secures network access for many of the world's leading law enforcement agencies, governments and financial institutions.

Entrust IdentityGuard serves as an organization's single comprehensive user authentication platform and authenticates an individual's identity prior to accessing sensitive computer networks.

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.

The platform offers a single point of administration, regardless of the authentication option or combination of options deployed, offering the ability to evolve and change authentication methods over time as the risks and the operating environment change.

Solution Benefits

- Strong second-factor authentication of users prior to computer network access
- Widest range of cost-effective authentication methods to meet unique user requirements
- Easy to deploy and manage
- Flexible to meet today's and tomorrow's security priorities
- One platform to manage users for logical access to networks and physical access to buildings

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**.

How it Works

Entrust IdentityGuard allows organizations to require additional authentication prior to network access.

Because user needs are not equal, Entrust provides a range of authentication methods to ensure an organization's unique requirements are met. The type of authenticators used is based on an evaluation of the organization and their requirements.

- How sensitive is the information you are protecting?
- What is the risk of a breach?
- Who will be using the authenticator and what are their unique requirements?
- Do you want authentication to be transparent to the user or can the user carry a physical device?
- Can you leverage the user's mobile device?
- Do you want to use the same authenticator for physical access?

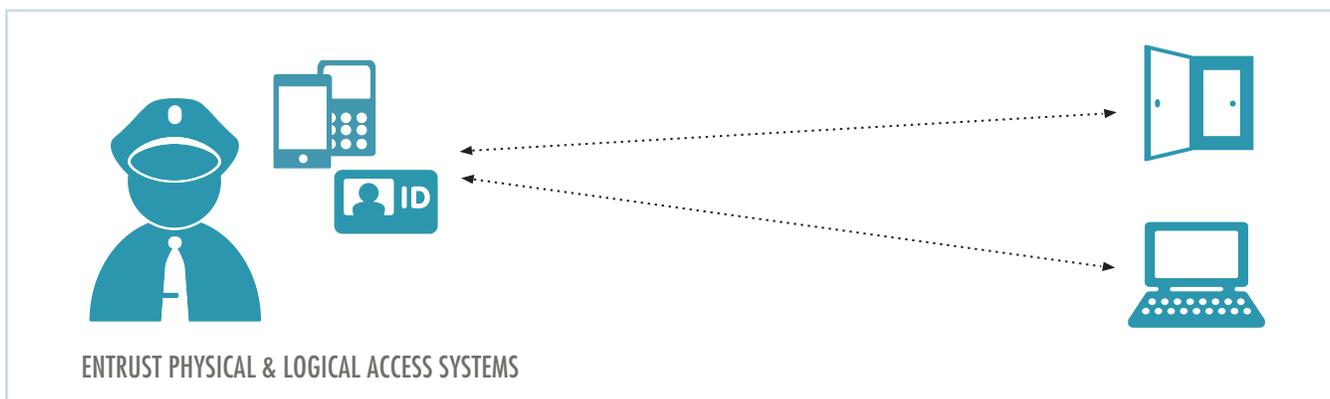
After being issued, when a user attempts to access the secure network, this second factor of authentication will be required in addition to their user name and password. This will help strongly authenticate the identity of the individual and prevent unauthorized access.

Combined Physical and Logical Access

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.

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 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**.

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**.

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