



About Identiv

Identiv is a global security technology company that establishes trust in the connected world, including premises, information, and everyday items.

Global organizations in the government, education, retail, transportation, healthcare, and other markets rely upon Identiv's *Trust Solutions for Premises*, *Trust Solutions for Information*, and *Trust Solutions for Everyday Items* to reduce risk, achieve compliance, and protect brand identity.

Identiv's trust solutions allow customers to trust their buildings, networks, information, systems, services, and even everyday items, and are implemented using standards-based technology, such as digital certificates, strong authentication, mobility, and cloud services. Identiv's platform for delivering these solutions is *Identiv Trust Services (ITS)*.

Identiv is a publicly traded company and its common stock is listed on the NASDAQ Capital Market in the U.S. under the symbol "INVE".

Identiv's Trust Solutions

The foundation of Identiv's trust solutions is a single, universal identity credential that can be used to trust or securely access any resource — premises, information, or everyday items. Cloud-based *Identiv Trust Services (ITS)* provide a secure web portal to issue, manage, or revoke credentials, without the complexity and cost of internal deployments.

Identiv offers solutions using standards-based digital certificates, delivering strong security and trust. Digital certificates are the foundation of the Internet and e-commerce, have been in use for over 20 years, and can be validated online or offline. Identiv's *idOnDemand* issues certificate-based identities, while providing backwards compatibility with legacy systems.

Used throughout Identiv's *Trust for Premises* and *Trust for Information* solutions, *idOnDemand* creates a single trusted identity based on industry standards and delivered on a smart card or other media. Identity credentials are created, provisioned, and managed with a cloud-based service.

In the increasingly connected world, governments, enterprises, commercial businesses, organizations of every size, and individuals are continually challenged to protect their physical environments and digital resources, which are vulnerable to data breaches, identity theft, fraud, counterfeiting and other breakdowns of security.

For decades, organizations have implemented separate systems and policies to secure their physical facilities and their digital information and networks. Physical access control systems (PACS) traditionally have utilized proximity cards or tokens — which emphasize convenience and low cost over security — and have relied on complex onsite hardware controllers and management software to authenticate an individual's rights and privileges to enter a premises.



Logical access control systems (LACS) have typically relied on relatively sophisticated and secure smart card-based credentials and readers to authenticate users as they log on to machines, applications or networks. Different departments within an organization are typically responsible for issuing and managing credentials for physical and logical access, further hampering coordination between these systems. In today's heightened risk environment, there is growing concern about the gaps in security that arise from this lack of coordination, such as a terminated employee whose access rights to the network are not revoked at the same time as his/her access rights to the building.

Identiv provides customers with a complete, integrated trust solution for converged access to physical and digital resources. With Identiv's *uTrust* product family, customers can be assured that products work together as a complete system and support open standards such as digital certificates. The goal of converged systems is to provide integrated, policy-based physical and logical access to enable benefits such as single sign on and centralized identity management, as well as network provisioning throughout a user's lifecycle.

Identiv Trust Services (ITS) supports:

Plaid, Oath, SAML, PIV, NFC, Opacity, ICAO, Prox, and digital certificates.

Trust Solutions for Premises

Identiv's *uTrust* physical access systems integrate access control, video surveillance, intrusion detection, building management, and other network-based systems. With a *uTrust* credential, users not only get secure access to premises, but can also secure digital assets and electronic transactions.

Identiv's *uTrust* offerings include controllers, *Velocity* management software, door readers, and credentials. Identiv's modular *uTrust MX* controllers are designed to be scalable, allowing customers to start with a small system and expand it over time. *uTrust MX* controllers provide highly reliable access and control, and can operate independent of the *Velocity* software, whether as a standalone controller or as part of an enterprise network. The *uTrust Velocity* software platform enables centralized management of access and security operations across an organization, including control of doors, gates, turnstiles, elevators, and other building equipment, viewing alarms, events and video, monitoring users as they move around a facility, preventing unwanted access, maintaining compliance, and providing a robust audit trail. *uTrust* door readers provide unique features to support a number of security environments and standards. For example, *uTrust Scramblepad* readers offer users a highly secure method to input PIN data without others viewing finger locations, providing a strong two-factor (card plus PIN) authentication solution. *uTrust TS Readers* can migrate companies from unsecure legacy technologies to more robust next-generation, single-identity platforms that provide strong user authentication.

Access control is moving out of the data closet and off proprietary wiring networks. Identiv is on the leading "edge" of this movement with its new *uTrust Edge* product line. Facilities managers



are looking to utilize structured cabling to minimize the need for installing and managing dedicated cable networks. *uTrust Edge* is a modular single-door concept that packages Identiv's *uTrust TS Reader* technology with *Velocity* software to form a robust, scalable PoE (power over ethernet) access solution. The future of access control is simple: a device at the door connected via structured cabling to a cloud-based management system.

Identiv's *idOnDemand* service can be used to provision (i.e., create and issue) and manage identity credentials used throughout these *Trust Solutions for Premises*.

Trust Solutions for Information

Identiv is a leading global supplier of smart card reader products. By upgrading to Identiv's industry-standard *uTrust* smart cards, digital certificates, and readers, users can secure information against the weakness of passwords, protect login to PCs and networks, encrypt hard drives, and even digitally sign and encrypt email.

Identiv's *uTrust Desktop Readers* include a USB interface and multiple form factors to suit a range of applications. *uTrust Portable Readers and Tokens* address mobile functionality and security needs from secure physical and logical access to high-security government applications and document encryption. To support the growing demand for solutions that provide secure access via mobile devices — often referred to as “bring your own device” (BYOD) — Identiv's mobile readers allow users to securely authenticate using iOS™ or Android™ devices when they present standard credentials issued by the U.S. government, including the PIV card and its predecessor, the Common Access Card (CAC).

Identiv's *idOnDemand* service can be used to provision and manage identity credentials used within these *Trust Solutions for Information*.

Trust Solutions for Everyday Items

Market analysts estimate that by 2020, the number of everyday items connected to the Internet will grow into the tens of billions. Connected items will include household appliances, vehicles, medicines, home security systems, books, luggage, jewelry, toys and a host of other objects. However, many analysts are incorrect in only considering “things” that are permanently connected to the Internet. Identiv believes that there is an even larger opportunity to momentarily connect everyday items such as toys, medicines, and luxury goods using contactless technology. These items can be connected to deliver a significant number of services, from validating authenticity to gathering information from sensors, such as temperature.

Using standards-based certificates, Identiv's *Trust Solutions for Everyday Items* deliver the highest trust, are widely compatible, are validated online or offline — so a doctor in Africa could check that a vaccine is genuine, within date range, and has not exceeded temperature ranges, even when not connected to the Internet — and are used in a range of identity-based applications, including electronic entertainment, loyalty schemes, mobile payment, transit, and event ticketing.



Leveraging its expertise in RFID and NFC technology, identity management, mobility, and cloud services, Identiv is developing new solutions to provide trust for everyday connected items, also known as the “Internet of Things”.

The fastest-growing products in the Identiv portfolio are its contactless credentials. Identiv’s *NFC and RFID Tags and Labels* address the increasing global demand for contactless smart chip technology for electronic applications and markets, and are available in a variety of form factors with a wide range of contactless ICs. Identiv’s *Smart RFID Inlays* are based on its own antenna designs and are manufactured in its state-of-the-art facility.

Customers

With nearly 100 patents granted and pending, 100,000,000 licenses, and over 5,000 customers worldwide, Identiv is trusted by:

- U.S. Government
- Global Governments
- Universities and Research Facilities
- Telecommunication Groups
- Mobile Phone Producers
- Transit and Automobile Companies
- Museums
- Airports
- Gas and Oil Companies
- Retail Establishments
- International Banks
- Technology Corporations

Company History

Identiv was formed from the combination of SCM Microsystems (a U.S.-listed provider of smart card readers and physical access systems), Bluehill ID AG (a Swiss technology company focused on RFID) and HIRSCH Electronics (a trusted product line since 1981). Through internal development, targeted acquisitions and investment, Identiv has emerged as the industry leading trust company with an impressive platform of trust solutions.

Management

- Jason Hart, Chief Executive Officer and Director
- Brian Nelson, Chief Financial Officer
- Dr. Manfred Mueller, Chief Operating Officer
- William Savage, Chief Information Officer
- Matthew Herscovitch, Chief Technology Officer
- Phil Montgomery, Chief Marketing Officer
- Stephen Healy, Executive Vice President of Alliances and Business Development



- Jeff Rowland, Executive Vice President of Americas Sales
- Joseph Tassone, Executive Vice President of Global Engineering

Operations

Identiv has more than 300 employees across its worldwide offices, including:

- U.S. Corporate headquarters: Fremont, CA
- Operational headquarters: Santa Ana, CA
- European headquarters: Ismaning, Germany
- Regional sales and operations: Brisbane, Australia; Abu Dhabi; Singapore; Tokyo, Japan; Hong Kong
- Research and Development: Chennai, India

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