

SOLUTION BROCHURE

ID Solutions

Identity and credential solutions for every possibility



ENTRUST

SECURING A WORLD IN MOTION

OVERVIEW

Entrust's Ultimate Identity Solution allows you to create secure ID programs, meet business objectives, and streamline issuance. It includes:

- State-of-the art ID printing technology
- Innovative data capture and issuance software
- Ultra-secure supplies with advanced forensic security features
- Streamlined printer management and monitoring software
- Technical support expertise to meet your unique program needs

THE OPPORTUNITY

Upgrade your evolving organization

ID program administrators face the task of managing both security and efficiency. Our solution can help streamline processes, enable trusted identity, and enhance user experience.

Visual identity

Personalized cards are key to a standout visual identity. We enable you to:

- Feature high-quality logos and graphics with vibrant images and photos at up to 600 dots per inch
- Create new card designs with easy-to-use credential design software

Multi-use cards

Covering secure access, payments, and more, our technology supports:

- Tap and contactless cards
- Magnetic stripe, RFID, proximity cards, and smart cards

- Bluetooth, NFC, and many other reader types
- 1D/2D bar codes and QR codes for quick scanning and mobile use

Strong security and durability

Entrust's technology provides protection against tampering and forgery:

- Security laminates that extend card life up to 10 years and lower issuance costs
- Overt, covert and forensic security features, including holographic and ghost images, guilloche patterns and microprinting
- Entrust-exclusive and customizable tactile impression for tamper and fraud deterrence

Innovative software solutions

Entrust offers software that enables ID design, encoding, and more for multiple ID applications:

- Cloud-based Instant ID as a Service software that enables capture and issuance from any connected device to any networked ID printer
- Instant ID On Premises software for issuance scenarios without web connection
- Fleet and device management capabilities from one dashboard
- Capture, issuance, and adjudication of government IDs, driver's licenses, and more



Enable Secure and Streamlined ID Issuance

Our secure identity solutions consist of advanced printing technology, high-quality supplies, streamlined software solutions, and responsive global services, covering the most basic to the most advanced applications.

Education

Our solutions for education enable your student ID program to:

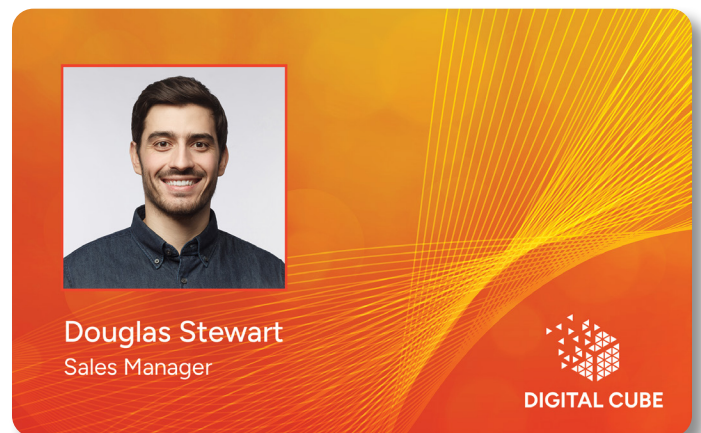
- Streamline orientation via tablet or mobile-based enrollment stations or kiosks
- Support one-card deployments for access to the library, dorms, and more
- Integrate with attendance systems
- Support campus branding initiatives with vibrant IDs in up to brilliant 600 dpi
- Monitor and manage your printer fleet from one dashboard



Corporations

Our advanced ID issuance technology enables secure, streamlined access in rapidly evolving corporate environments:

- Secure access to buildings with contactless card technology
- Authenticate and secure logical access to networks and sensitive customer and employee data with Entrust Identity as a Service
- Track employee time and attendance through productivity tracking
- Streamline ID enrollment and issuance for secure visitor management programs
- Monitor and manage your printer fleet from one centralized dashboard



Government

Entrust is a pioneer in supporting governments and protecting citizens' identities with secure ID enrollment and issuance built on advanced forensic security technology.

- Secure borders from unauthorized entrants with secure authenticated ID technology
- Protect employees, buildings and infrastructure with secure access and forensic ID security features
- Streamline issuance and protect against fraud with secure and durable driver's licenses, voter IDs, first responder cards, and weapons permits
- Meet government security and durability standards with the latest secure issuance technology with up to 10-year card life
- Build strong communities with child identification cards and city IDs



Other ID programs

Creating trusted identities that allow secure transactions between people, places, and things is at the heart of everything we do. We can meet the unique requirements of your organization for any ID card program, including healthcare, loyalty, retail, transit, membership, and hospitality.



Enhancing security with a user focus

Secure ID issuance solutions from Entrust provide advanced forensic features with an effortless user experience to secure and streamline your ID program.

KEY FEATURES & BENEFITS

Ultimate Identity Solution

1 Edge-to-edge printing

Retransfer printing technology (available on the Artista CR805) enables true edge-to-edge printing for a brilliant, durable card that helps your brand stand out.

2 Tactile impression

Impress a tamper-evident, hard-to-replicate image directly into the card substrate.

3 Security overlays

Protect cards against fraud and counterfeiting using sophisticated technology and print capabilities, including kinetic and guilloche patterns, holographic printing, microprinting, and optical variable devices (OVDs).

4 Personalization layer

Promote your organization and personalize printed cards with logos, graphics, cardholder photos, signatures, and other information.

5 Bar code support

Store data securely with scannable 1D and 2D bar codes.

6 Smart contact areas

Allow for smart card contact pads in card design.

7 Serialized laminates

Deter counterfeiting with a unique identifier number that binds specific cards to specific identities in a registration database.

8 Encoded magnetic stripe

Access biographical and security data with one-swipe technology.

9 Substrate layer

Start with a durable substrate base to support top layers.

10 Technology layer

Grant access with contact or contactless smart card and/or RFID technology.

11 Durability overlays

When additional security isn't needed, add clear overlays to protect card elements and extend card life.

12 UV printing

Beyond full-color or monochrome printing, use ultraviolet ink to add invisible, difficult-to-copy layers for added security.

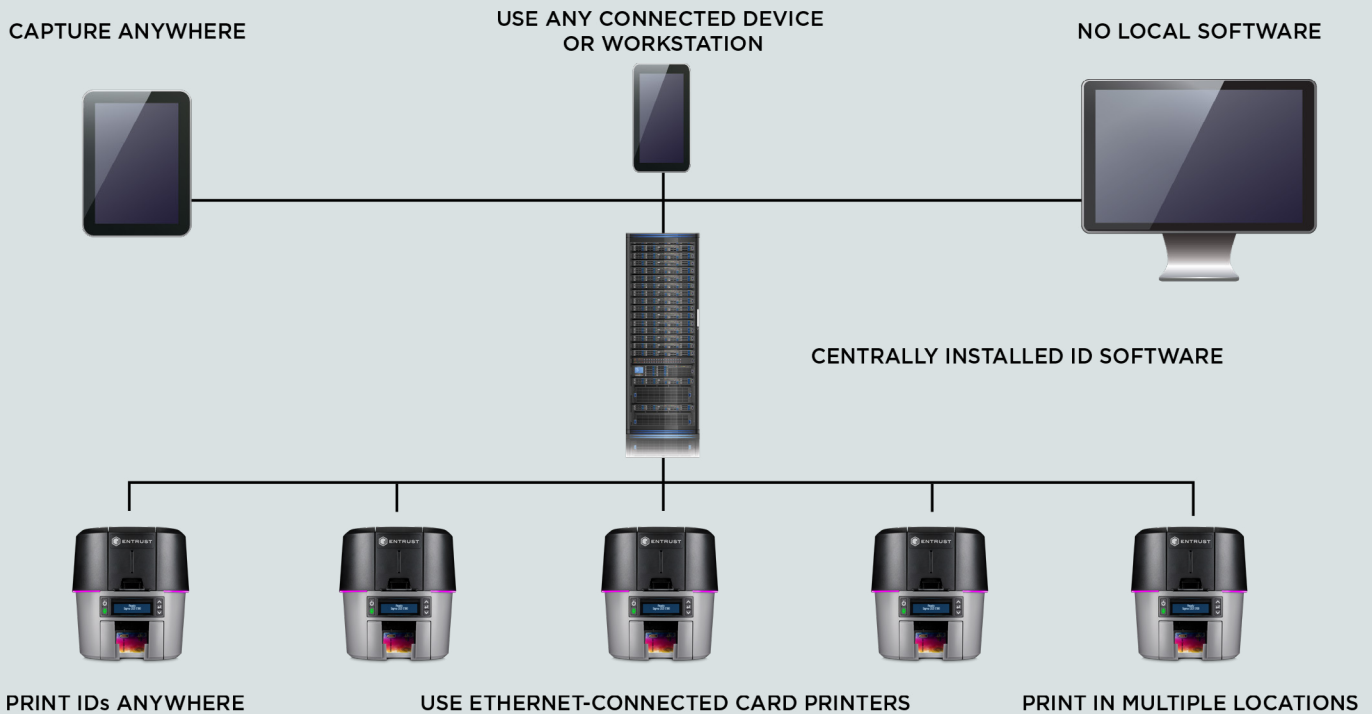


Entrust Instant ID Software

Entrust Instant ID software simplifies your life. It offers features that speed deployment, simplify card design, and create experiences that build loyalty and engagement with customers and end-users, whether you are producing a basic badge or the most sophisticated contactless smart card.

How Instant ID On Premises Works

DEPLOY QUICKLY — CAPTURE AND PRINT ANYWHERE



Server-based installation

We deploy our software on a central server, not on individual workstations. This means you can set up capture stations and printer locations throughout your campus. You can even use mobile devices to capture photos and demographic data anywhere.

Cost-saving scalability

Our software scales quickly to support changes in your ID card program. It's easy to create any ID program you envision, from basic, single-printer configurations to deployments that span multiple sites and include mobile capture options.

Integration with other systems

The design of our software reflects decades of experience. Integration with other software solutions – such as access control systems – is seamless. Broad compatibility with other systems means you're not stuck with a limited number of choices for your ID systems.

Support for multiple printers

Our central server deployment model allows you to locate card printers anywhere you choose. Set up multiple print sites to eliminate the typical long wait times for ID cards. Adherence to industry imaging standards allows you to drive virtually any Entrust printer.

Drag-and-drop simplicity

Creating the ideal ID cards for your organization is easy. Drag-and-drop features simplify the card design process, so you can issue truly personalized cards that align with your branding guidelines. It's also easy to add your choice of machine-readable technologies to ID cards.

Driverless printing

This feature greatly simplifies card printing, if using USB or Wi-Fi connection there's nothing to download, no version to track and nothing to update. Just connect your card printers to the network and print brilliant quality cards - anywhere.



Fleet and Device Management Software

Entrust's Fleet Management as a Service and Issuance Device Management (IDM) software lets you manage your card printer fleet from one dashboard. You can track all of the metrics important to you, including productivity, uptime, supply levels, and service requirements.

KEY CAPABILITIES OF ISSUANCE DEVICE MANAGEMENT SOFTWARE



1



REAL-TIME VISIBILITY
ACROSS PRINTER FLEET

2



QUICK DEPLOYMENT OF
FIRMWARE UPDATES

3



SUPPLY LEVEL AND
MAINTENANCE ALERTS

Secure Identity Supplies From Entrust

Our supplies are engineered to exceed quality standards and produce vibrant, durable, and secure identification cards.

Full-color print ribbons

Entrust offers a full suite of direct-to-card and retransfer color printing options that provide vibrant, lifelike images and graphics. We engineer, test, and provide color print ribbons that help our customers produce high-quality cards that are rich in color.

Monochrome print ribbons

Entrust monochrome print ribbons deliver exceptional results for basic text and printing. We offer an array of conventional colors along with metallics that produce crisp text and fine-lined details for even your most complex patterns.

Overlays and laminates

Protect your card credentials from potential threats, maintain visual and functional integrity, and produce vibrant, durable, and secure identification cards. We strive to develop leading-edge solutions that deliver the best quality in durability and security for all your card needs.



OUR OFFERINGS

Entrust Ultimate Identity Solution Printer Portfolio

Instantly issue high-quality, secure ID cards that maximize cardholder satisfaction. Entrust desktop printers deliver exceptional performance and cost-effective results.



Sigma DS1, DS2, DS3

The Entrust Sigma series card printers provide the right combination of technologies you need to efficiently print high-quality cards for less.

- Launch your ID card program with the right mix of affordability, security, and simplicity
- Get one reliable system for producing full-color or monochrome cards with magnetic stripe encoding
- Add an invisible layer of covert security with a UV ink ribbon option

Promoting fast, flexible card programs

Entrust's direct-to-card printers deliver speed and flexibility to meet the needs of a wide variety of card programs and budgets.

Entrust Artista CR805™ Retransfer ID Card Printer

The next generation of print-on-demand solutions, providing brilliant color and great image quality, along with the flexibility to issue ID cards right from company desktops.

- Pigment ink for brilliant, long-lasting images and designs that stand the test of time and feature enhanced UV fade resistance over market competition.
- 600 dpi for high-definition printing of microtext, bar codes and other elements
- Over-the-edge printing with retransfer technology for printing on multiple card types, including technology cards
- Ability to apply two layers of retransfer film for additional card durability
- Option for enhanced durability and security with additional inline lamination and tactile impression modules



Creating cards that stand out

Entrust's Artista CR805 Retransfer card printer offers superior image quality and durability for vibrant and multi-functional cards that last.

Entrust's Secure ID Solutions for Government

Protecting citizens and safeguarding borders is a priority for every country. A key factor is trusted identity. Our tools and technologies allow you to issue, manage, and authenticate secure credentials for citizens and travelers. Currently, more than 400+ global identity programs use Entrust digital and physical technologies to issue secure government documents.

Enrollment and Issuance

Our solutions include everything you need to enroll citizens, establish trusted identities, and issue secure card-based or mobile-derived credentials.

Credential Management

Our software lets you manage privileges and re-issue lost or expired credentials. You can also deactivate lost, stolen, or revoked credentials.

Tactile Impression Features

Entrust also offers a patented tactile impression feature, available as an optional component for the CR805 and Sigma DS3 printers. This innovative module can produce an impression on the card substrate that is both visible and tangible, highlighting your brand's unique visual style right on every printed credential.

When paired with the Entrust Card Lamination Module (CLM), the Tactile Impression Module (TIM) can utilize a specialized die to create a distinctive security impression, setting it apart from competing embossing and indenting technologies. This unique process, combined with a patch laminate, adds an additional layer of security by showing a visible crack on the card if tampering is attempted.

Cleaning Supplies

Entrust offers a full suite of cleaning supplies that extend the life of your card printer, improve the performance of your system, and prevent downtime as a result of card mishandling or diminished image quality.

Authentication

Our authentication tools and systems allow you to validate identities when citizens access services online or use mobile devices. You can also verify electronic transactions, encrypt digital communications, and authenticate digital signatures.

Benefits of using Entrust ID card supplies include:

Image quality and design: The various supplies we offer allow for a high level of personalization in design and are tested to ensure that your images, graphics, and security features are clear, crisp, and consistent.

Security and durability: Protect your card by resisting potential threats; from daily wear-and-tear to advance counterfeiting, while also extending the life of your card.

Optimal performance: Improve the quality of your printing and extend the life of your printer by performing routine maintenance with genuine Entrust cleaning supplies.

ABOUT ENTRUST

Entrust fights fraud and cyber threats with identity-centric security that protects people, devices, and data. Our comprehensive solutions help organizations secure every step of the identity lifecycle, from verifying identity at onboarding to securing connections and fighting fraud in everyday transactions. Ongoing monitoring supports compliance and safeguards keys, secrets, and certificates. With a foundation of identity-centric security, our customers can transact and grow with confidence. Entrust has a global partner network and supports customers in over 150 countries.

For more information, visit www.entrust.com.