THE ULTIMATE IDENTITY AND ACCESS MANAGEMENT SOLUTIONS GUIDE

A Solution for Every Possibility
TECHNOLOGY IS ENABLING GREATER POSSIBILITIES

Technology is constantly evolving.

With this technological evolution comes an era of increased customer expectations. But keeping pace with these expectations can put a strain on organizational security and efficiency.

As people come to expect seamless experiences and higher autonomy, access management technologies have evolved to meet these expectations, and secure identification has become a potential source of empowerment and individuality.

But when it comes to implementing a secure identification program, organizations often approach the task as just a security problem without considering the business opportunities.

Entrust Datacard™ has developed a solution that helps you create secure ID programs, meeting specific business objectives and streamlining issuance processes. Our Ultimate Identity Solution 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
PROTECT THE EVOLVING WORLD OF YOUR ORGANIZATION

With both security and efficiency considerations to manage, being an ID program administrator is no simple task. The Entrust Datacard Ultimate Identity Solution is flexible and user-friendly and can help your organization streamline processes and upgrade your ID program to enable trusted identity and 5 star experiences.

**Visual Identity**

Even the most basic ID cards are built for performance, but the key to establishing a stand-out visual identity is the ability to print personalized, vibrant cards. Entrust Datacard enables:
- High-quality logos and graphics
- Vibrant images and photos
- Easily creating new card designs with drag-and-drop Software

**Multi-Use Smart Cards**

unlimited uses including secure access, payments, transportation, and more. Our technology supports multiple card technologies including:
- Contact and contactless cards
- Magnetic stripe, proximity reader card and smart cards
- Bluetooth, NFC and many other reader types
- 1D/2D bar codes and QR codes for quick scanning

**Strong Security and Durability**

Protection against tampering and forgery is as essential as the card itself. For higher security applications, organizations can rely on the following sophisticated technology and capabilities exclusive to Entrust Datacard:
- A broad range of security laminates that add security, extend card life and lower issuance costs
- Overt, covert and forensic security features, including holographic and ghost images, guilloche patterns and microprinting
- Entrust Datacard-exclusive tactile impression for tamper and fraud deterrence

**Complete Range of Innovative Software Solutions**

Beyond printing functionality, Entrust Datacard offers innovative software that enables ID design, capture, encoding, adjudication and issuance for multiple ID applications:
- Browser-based software that enables capture and issuance from any connected device to any networked ID printer
- Remote monitoring and management capabilities from one convenient dashboard
- Capture, issuance and adjudication of government IDs, driver’s licenses and passports
TRUSTED AND SECURE STREAMLINED ID ISSUANCE SOLUTIONS

Secure identities are at the core of your secure ID issuance programs. Advanced printing technology, high-quality supplies, streamlined software solutions and responsive global services are at the core of our solutions. With a versatile, cost-effective range of secure identity solutions that covers the most basic to the most advanced applications, anything is possible.

Education
A student ID is the access point for a student’s experience with their university. Entrust Datacard Ultimate Identity Solutions for education enable you to:

- Streamline orientation via tablet- or mobile-based enrollment stations throughout campus
- Support one-card deployments to provide access to the cafeteria, snack bars, the library, the dorms, the health club, transportation, sporting events, laundry and more
- Integrate with attendance systems for smart attendance and test validation
- Support campus branding initiatives with vibrant IDs that effectively communicate and represent your university’s brand
- Proactively monitor and manage your entire printer fleet from one dashboard, ensuring maximum uptime

Corporations
In today’s rapidly evolving corporate environments, technology enables streamlined processes for secure access. Entrust Datacard advanced ID issuance technology supports corporate initiatives to:

- Secure access to buildings and facilities with contactless card technology
- Proactively monitor and manage your entire printer fleet from one dashboard, ensuring maximum uptime
- Authenticate and secure logical access to networks and sensitive customer and employee data through our IntelliTrust™ Authentication portfolio
- Track employee time and attendance through productivity tracking
- Streamline visitor management processes with fast and easy ID enrollment and issuance
Secure ID issuance solutions from Entrust Datacard provide advanced forensic security solutions with an effortless user experience to secure and streamline your ID program.

Government
Today’s citizens require immediate access to benefits and services as well as free movement between states, countries and continents. Entrust Datacard is a pioneer in supporting governments and protecting citizen’s 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, public building and infrastructure with secure access and forensic ID security features
- Streamline issuance and protect against fraud with secure and durable driver’s licenses, voter ID security, first responder cards and weapons permits
- Meet government security and durability standards with the latest secure issuance technology
- Build strong communities through value added ID cards such as child identification programs and City ID’s

All Industries
Creating trusted identities that allow for secure transactions between people, places and things is at the heart of everything we do. Your organization’s unique needs are something we understand and can individualize. We can meet the requirements of any ID card program, including:

- Healthcare
- Loyalty
- Retail
- Transit
- Membership
- Hospitality
- Youth athletics
ULTIMATE IDENTITY SOLUTION FEATURES

1. **EDGE-TO-EDGE PRINTING**
   Retransfer printing technology 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.
   - Kinetic and guilloche patterns
   - Holographic printing
   - Microprinting
   - 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 your 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 players.

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 DATACARD ULTIMATE IDENTITY SOLUTION PRINTER PORTFOLIO

Instantly and easily issue and print vibrant, high-quality and secure ID cards that maximize cardholder satisfaction. With the Entrust Datacard desktop printer portfolio, you can expect consistently superior performance and cost-effective results.

Datacard® SD160™ SD260™, SD360™, SD460™ Card Printers

The Datacard SD series card printer 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

> The Entrust Datacard direct-to-card printer portfolio delivers speed and flexibility to meet the needs of a wide variety of card programs and budgets.
The Entrust Datacard CR805 Retransfer printer delivers unmatched image quality and durability for vibrant and multi-functional cards that last.

**Entrust Datacard™ CR805 Card Printer**

The next generation of print-on-demand solutions. With brilliant color and great image quality, this printing platform gives companies the flexibility and features they need to issue ID cards right from their desktops.

Create cards that stand out from the crowd with:

- Pigment ink for brilliant, long lasting images and designs
- 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

**Datacard® CD800™ Series Card Printers**

Fast printing of up to 165 full-color cards per hour, more reliable performance and the highest resolution available make the CD800 card printer a great fit for a variety of applications, including state and local governments, corporate, and educational applications.

- Streamline card issuance with productivity-focused print technology
- Reproduce intricate text and images with high-resolution printing
- Protect your investment with printer modularity and upgrades like inline lamination
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THE POWER OF SERVER-BASED SOFTWARE
Are you ready for ID card software that simplifies your life? TruCredential software from Entrust Datacard offers difference-making features that speed deployment, simplify card design and let you create experiences that builds loyalty and engagement with your customers and end users. Whether you are producing a basic badge or the most sophisticated contactless smart card, TruCredential has you covered.

TruCredential is deployed on one central server, so you can access it from workstations and mobile devices anywhere. You can also drive multiple printers in multiple locations. This benefits any sized deployment — from a single printer to multiple printers. TruCredential cuts the cord on dedicated workstations.
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 brand of card 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 company’s 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. 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.
REMOTE MONITORING AND MANAGEMENT (RMM) SOFTWARE

Entrust Datacard™ Remote Monitoring and Management (RMM) Software lets you manage your fleet of card printers from one convenient dashboard. You can track all of the metrics important to you, including productivity, uptime, supply levels and service requirements.

KEY CAPABILITIES OF REMOTE MONITORING AND MANAGEMENT SOFTWARE

1. REAL-TIME VISIBILITY ACROSS PRINTER FLEET
2. QUICK DEPLOYMENT OF FIRMWARE UPDATES
3. SUPPLY LEVEL AND MAINTENANCE ALERTS
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 Datacard digital and physical technologies to issue secure passports and travel 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. You can also create multipurpose e-IDs that can be used to access a variety of e-government services.

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

Authentication
Our authentication tools and systems allow you to validate a citizen’s identity when they access services online or using mobile devices. You can also verify electronic transactions, encrypt digital communications and authenticate digital signatures.

Secura Credential Management Software
Datacard® Secura™ identity and credential management software is an enterprise-class credential and issuance management platform built to optimize government-issued credential programs. It streamlines the enrollment, identity verification, application approval, document issuance and post issuance management of highly secure passports, national IDs, PIV cards and other secure government credentials.

Proven workflows and a standards-based design replace the typical delays and cost overruns of custom software development with the certainty of a preconfigured solution.

Secure Enrollment: Enables biometric and biographic capture, breeder document processing.

Identity Management: Interfaces with external sources to verify and manage identities.

Credential Management: Includes business rules, profiles and data preparation capabilities.

Issuance: Offers from high-volume, desktop and mobile issuance options.

Post-Issuance: Allows for updates, revocation and other post-issuance processes.
ENTRUST DATACARD SECURE IDENTITY SUPPLIES

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

Full Color Print Ribbons
Entrust Datacard offers a full suite of direct-to-card and retransfer color printing options that provide vibrant, life-like 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 Datacard monochrome print ribbons can 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 and maintain visual and functional integrity with 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 of your card’s needs.

Benefits of using Entrust Datacard 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 Datacard® cleaning supplies.
Tactile Impression Feature

Entrust Datacard has a unique, patent-pending tactile impression feature that is available as an option with the CR805 Retransfer Printer, SD460 card printer and CD800™ card printer with inline lamination. The feature creates an impression on the card substrate that you can see and feel. The tactile impression process uses a unique die to create the impression, which differs from the embossing and indenting technology available today. When used with a patch laminate, it helps make the card more tamper evident and provides a higher level of security.

Similar to our holographic overlays, a one-of-a-kind tactile design can be created specifically for your card program. Contact an Entrust Datacard representative to learn how.

Cleaning Supplies

Entrust Datacard offers a full suite of cleaning supplies that extends the life of your card printer and improves the performance of your system. Benefits of using cleaning supplies include:

- Card printer performance optimization
- Prevention of downtime as a result of card mishandling or diminished image quality
- Reduction of printhead damage

GET A TRUSTED PARTNER WITH ENTRUST DATACARD

Whatever your secure credential needs, Entrust Datacard will work with you to identify and build the most secure, effective solution.

With locations worldwide, there is always an Entrust Datacard partner nearby to help support you from initial system design through installation, testing, training and technical support.

TRUST IN THE POSSIBILITIES

For a half-century, the Entrust Datacard brand has continually advanced the science of security and durability to deliver card issuance breakthroughs that broaden the possibilities for trusted identity and access management. Our latest desktop card issuance systems are the culmination of years of proven innovation and deep insight into our customers’ escalating security and durability challenges.

You can rely on our network of authorized Entrust Datacard partners worldwide to deliver the high-value, high-performance solutions you need to succeed. For more information, visit entrustdatacard.com/about/contact.
About Entrust Datacard
Consumers, citizens and employees increasingly expect anywhere-anytime experiences — whether they are making purchases, crossing borders, accessing e-gov services or logging onto corporate networks. Entrust Datacard offers the trusted identity and secure transaction technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passports and ID cards to the digital realm of authentication, certificates and secure communications. With more than 2,000 Entrust Datacard colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide.

For more information about Entrust products and services, call 888-690-2424, email sales@entrustdatacard.com or visit www.entrustdatacard.com.