

DATACARD®
SECURE ID SOLUTIONS

Building a More Secure World



PROTECT THE PEOPLE AND PLACES THAT MATTER MOST



Think about all the people who interact with your organization every day. Employees, customers, students, visitors — all of them are vital to your success. Equally critical is a secure environment. One that protects your stakeholders, facilities and data from a wide range of threats.

Secure ID solutions from Datacard Group can help you increase security in any organization around the world. No other manufacturer offers a wider range of fully integrated solutions.

This flexibility is critical. Because for small businesses, a secure ID solution may involve name-and-photo IDs, while schools and universities may require magnetic stripes that integrate with access control. Corporations and government agencies often need highly secure IDs with holographic laminates, and retailers may want to add a photo or digital signature to gift and loyalty cards.

Datacard Group offers secure ID solutions to meet your needs and fit your budget.



TRUST THE EXPERTS IN SECURE IDENTIFICATION

FLEXIBLE CHOICES FOR IMPROVING SECURITY

Datacard Group offers one of the broadest portfolios of secure ID solutions available today. Whether you are printing your first ID cards, creating IDs for new facilities or employees, or enhancing your current cards with the latest technologies, we can provide exactly what you need.

The key is versatility. We design and test the components of our solutions to work together in many different combinations. That means you can mix-and-match software, capture systems, card printers and other elements in a unique configuration that aligns perfectly with your top priorities.

FROM A WORLD LEADER IN SECURE ID SOLUTIONS

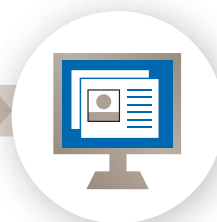
Unlike other manufacturers, Datacard Group specializes in end-to-end solutions for secure IDs. Customers around the world insist on the Datacard® brand because our solutions incorporate advanced technology to solve critical issues in many markets. We also continuously develop innovative features that increase durability, speed and output quality. The end result is exceptional customer satisfaction.

CRITICAL ISSUES TO ADDRESS

- **Design:** One- or two-sided? One-color or full-color? Photos and/or logos?
- **Functionality:** Visual identification or machine-readable authentication?
- **Environment:** Average ID life span, daily usage, physical threats?
- **Demand:** Volume of IDs, centralized/distributed production, growth plans?
- **Security:** Access control integration, biometrics, sophisticated laminates?
- **Information:** Data types, centralized database, secure Web access?

HOW TO BUILD A MORE SECURE ENVIRONMENT

Here are the steps your organization can take to create the right secure IDs. Datacard Group sales channels offer all of the products described here — and much more.



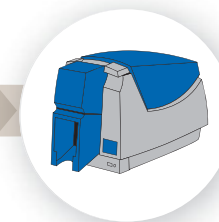
1. Power Up Your Identification Software

Identification software is where it all begins. This application enables you to customize card designs, manage cardholder images and related data, and print custom reports.



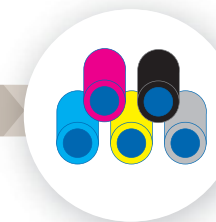
2. Capture Images and Biometrics

Use a digital camera to photograph the cardholder. Capture the cardholder's fingerprint image and/or other biometrics, and record a digital signature.



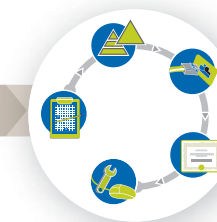
3. Print Cards

After data capture, a desktop card printer prints the card in a single color, full-color or rewritable pixels. It may also encode the magnetic stripe or smart card chip.



4. Reload Supplies

High-quality color ribbons, topcoats and laminates help ensure exceptional image quality, consistency and security. Periodically, you will need to replace supplies as they are consumed.



5. Receive Professional Service

Whether you work with Datacard™ Global Services directly or with one of the skilled dealers or distributors in our extensive service network, you will gain access to a team with the expertise and experience required to optimize performance.



CREATE THE RIGHT CARD SOLUTIONS FOR YOUR ENVIRONMENT

Secure ID cards can be used in a diverse number of ways. That is why Datacard® secure ID solutions are designed to accommodate a broad array of needs across multiple markets and applications. Regardless of your specific needs, you can expect seamless compatibility, outstanding reliability and superior value. Plus, these products can be integrated with an even wider range of third-party offerings for highly specialized applications.

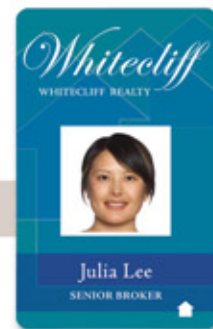


1. VISUAL IDENTIFICATION SOLUTION

- Basic image capture
- Low-volume card printing
- Entry-level ID software

IDEAL FOR:

- Staff IDs
- Education
- Health clubs
- Membership organizations



3. ACCESS CONTROL SOLUTION

- Professional image capture
- High-quality card printing
- Advanced ID software

IDEAL FOR:

- Corporations
- Hospitals/healthcare
- Visitor management
- Universities



For basic **VISUAL IDENTIFICATION**, you can use:

- Brilliant color **photos**
- **Logos** and other **graphics**
- Cardholder **signature**
- Tamper-evident **ghost images**

Secure cards can store data to support e-purse, time-and-attendance and other **TRANSACTIONAL** systems with:

- Scannable **bar codes**
- Encoded **magnetic stripes**
- Contact or contactless **smart cards** personalized with machine-readable data



Secure IDs for **ACCESS CONTROL**, which allow employees and visitors to enter facilities or log in to networks, may include:

- **Proximity cards** that utilize an embedded radio frequency identification (RFID) transponder
- **Magnetic stripe** encoding that supports card-swipe systems

For **ADVANCED SECURITY** applications, secure IDs require the most sophisticated features available:

- Printed **fingerprint image** for perceived security
- Stored fingerprint minutia or other impossible-to-replicate **biometrics**
- Datacard® DuraGard® virtual edge-to-edge **security laminates** with holographic images, microprinting, guilloche patterns and other optical variable devices (OVDs)
- **Ultraviolet fluorescent** printing



2. TRANSACTIONAL SOLUTION

- Essential card design software
- Mid- to high-volume card printing

IDEAL FOR:

- Retail
- Gift cards
- Loyalty cards
- Stored value
- Time-and-attendance
- Casinos



4. ADVANCED SECURITY SOLUTION

- Secure image capture
- Biometric capture
- Card printing and security laminate application
- Sophisticated ID software

IDEAL FOR:

- Government
- National ID programs
- Drivers license programs
- High-tech corporations
- Universities



THE INDUSTRY'S BEST-SELLING SECURE ID SOLUTIONS

Datacard secure ID solutions include everything you need to build a more secure environment for your organization. Because they are engineered to work together seamlessly, Datacard secure ID solutions provide outstanding uptime and proven long-term reliability. So you can protect your people and facilities — as well as your technology investment.



USER-FRIENDLY IDENTIFICATION SOFTWARE

Our versatile, easy-to-use software fits virtually any user environment.

Datacard® ID Works® identification software

This flexible, powerful platform comes in four unique versions:

- ID Works **Intro** for entry-level ID cards
- ID Works **Basic** for essential card design and printing
- ID Works **Standard** for advanced card design and database management
- ID Works **Enterprise** for sophisticated security, biometrics and smart card applications

Datacard® ID Works® Visitor Manager solution

Scans government-approved credentials and prints secure IDs for fast visitor enrollment

EASY IMAGE AND BIOMETRIC CAPTURE

These offerings make it simple to capture cardholder images and biometrics with exceptional efficiency.

Datacard® Tru™ Photo Intro solution

For low-volume, manual image capture and cropping

Datacard® Tru™ Photo solution

For automated one-click capture and cropping

Datacard® Tru™ Photo Professional solution

For automated high-quality image capture and cropping

Datacard® Tru™ Signature solution

Captures and stores digital signatures

Datacard® Tru™ Fingerprint solution

Captures fingerprint images and/or minutia

POWERFUL, VERSATILE CARD PRINTERS

Datacard card printers deliver outstanding image quality, reliability and versatility.

Datacard® SP25 Plus card printer

Affordable full-color or rewritable cards for manual-feed applications

Datacard® SP35 Plus card printer

Easy-to-use printer for one-sided color cards

Datacard® SP55 Plus card printer

Fast print speeds for one- or two-sided color cards

Datacard® SP75 Plus card printer

Produces highly secure IDs and applies virtual edge-to-edge laminates

Datacard® RP90 Plus card printer

Uses retransfer technology to print on heavy-duty composite cards

HIGH-QUALITY SUPPLIES AND DEDICATED SERVICES

Datacard® Certified Supplies featuring Intelligent Supplies Technology™ help ensure superior image quality, consistent card printing and outstanding performance. They incorporate patented RFID technology, which allows Datacard card printers to recognize when the supplies are installed, automatically adjust settings and track consumption.

Datacard® DuraGard® virtual edge-to-edge security laminates feature standard and customized optical variable devices (OVDs), including holographic artwork, microprinting, guilloche patterns, laser retrievable covert text and color shift ink. These exclusive supply items significantly improve card security and durability.

Datacard™ Global Services and our extensive network of service experts specialize in helping organizations of all kinds plan and implement successful secure ID programs. These dedicated experts can work with you to accelerate deployment, resolve common issues and fine-tune processes.

DATACARD® SP25 CARD PRINTER



REWRIPTABLE CARD PRINTING. AFFORDABLE. FLEXIBLE. CONVENIENT.

Convenient technology for multiple markets

Applications for rewritable cards are numerous and growing rapidly. Use the Datacard® SP25 card printer to produce a wide range of rewritable and reusable cards:

- Student IDs with class schedules
- Library cards with due dates
- Patient IDs with appointments/schedules
- Temporary visitor IDs
- Transit cards with ticketing details
- Retail cards with loyalty points
- Salon cards with appointments
- Rate cards for casinos
- Hotel keys
- Ski lift tickets and other recreation cards

The Datacard® SP25 card printer delivers high-quality rewritable cards for healthcare, education, transportation, retail and many other applications. This unique printer gives card issuers an affordable way to change the information on existing photo IDs and cards instantly, without the time and cost of reissuance.

- **Innovative printing technology.** The SP25 card printer is engineered with innovative rewritable card technology. It prints 300 dpi monochrome text and photos on rewritable card stock, which features a clear, heat-sensitive layer that can be erased and rewritten more than 500 times. Users feed rewritable cards manually and the SP25 printer fully erases and rewrites each one in just over 10 seconds.
- **Rewritable and reusable cards.** Card issuers can use the SP25 card printer to create both rewritable and reusable cards. Rewritable cards are updated frequently with dynamic information that is pertinent to the cardholder, such as loyalty points. Reusable cards are issued to new cardholders every time they are rewritten, such as visitor IDs. Both applications eliminate the supply costs of reissuance.
- **Dual-function card printing.** The SP25 card printer also offers full-color card printing, making it the only system available that comes standard with full-color/monochrome and rewritable card printing. Dual functionality enables you to print photo IDs and other cards that use both technologies, such as a full-color student ID with a current class schedule on the rewritable side.

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS

1. User feeds a rewritable card



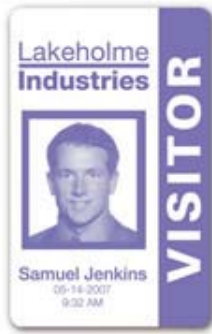
2. SP25 printer erases the information



3. SP25 printer rewrites new information at 300 dpi



4. User receives a finished card in 12.4 seconds



The Datacard® SP25 card printer can erase and rewrite a card in 12.4 seconds. It is ideal for instantly updating data on photo IDs and other cards for reissuance.

DATACARD® SP25 CARD PRINTER

Standard features*

Print capabilities

- One-sided edge-to-edge rewritable printing
- Continuous-tone photos
- Alphanumeric text, logos and digitized signatures
- Background patterns

Print speed

- Rewritable printing: 12.4 seconds per card (full card erase and rewrite)

Capacity

- Integrated card holder stores 15 0.030 in. (0.76 mm) cards
- Manual feed

Operating system support

- Bi-directional USB supported on Microsoft® Windows® 2000 and XP operating systems

Printer driver

- User-adjustable image and color controls
- Stand-alone driver diagnostics
- Image and test card preview
- Online user help

User-friendly operation

- Audible and visual message prompts
- Continuous cleaning roller
- Operator-replaceable printheads

Warranties

- 12-month standard depot warranty
- 12-month printhead warranty (no pass restrictions)

Options

Magnetic stripe encoding

- IAT or NTT
- Dual high- and low-coercivity
- Tracks 1, 2 and 3 (1 track for NTT)

Specifications

Physical dimensions

- L 14.9 in. x W 7.8 in. x H 9.0 in. (37.85 cm x 19.5 cm x 22.5 cm)

Weight

- 7.0 to 8.0 lbs (3.2 kg to 3.6 kg) depending on options

Print resolution

- 300 dots per inch

Electrical requirements

- 100/120V, 50/60 Hz
- 220/240V, 50/60 Hz

Plastic cards accepted

- ISO ID-1/CR-80 size cards
- 3.375 in. x 2.125 in. (85.7 mm x 54.0 mm)
- Mitsubishi ThermoRewrite blue card

Card thicknesses accepted (± 10%)

- 0.03 in. optimal for rewritable cards

Operating environment

- 60°F to 95°F (15°C to 35°C)
- 20% to 80% non-condensing humidity

Storage environment

- 5°F to 140°F (-15°C to 60°C)
- 10% to 90% humidity

Agency approvals

- CE, UL, cUL, RoHS compliant
- (contact local representative for additional regional approvals)

Supplies

Cards

- 100 rewritable cards with PVC back
- 100 rewritable cards with magnetic stripe and PVC back

Cleaning supplies

- Adhesive cleaning sleeve kit
- Isopropanol cleaning card kit
- Isopropanol cleaning pen

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*Refer to the dual-function data sheet for information on full-color/monochrome printing.