

THE SCIENCE OF
**SECURITY
& DURABILITY**



**PROTECT YOUR PEOPLE,
YOUR PROGRAM AND YOUR BUDGET**

REINVENT YOUR ID CARDS WITH THE SCIENCE OF SECURITY & DURABILITY

Datacard Group has applied the science of security and durability to develop innovative market-driven solutions to empower your card issuance program. Our scientific expertise in materials, testing and personalization has led to new hardware innovations, more secure supplies and overlays that deliver the best mix of affordability and durability yet.

Take our scientific breakthroughs and reinvent your ID card program. Design your ID cards with the right mix of security and durability features to protect your people, your program and your budget like never before.

ARE YOUR PEOPLE PROTECTED?

- How secure are your overlays?
- Are your cards tamper-evident?
- Can you visually verify your cards?
- Are your cards resistant to counterfeiting?

IS YOUR PROGRAM AND BUDGET PROTECTED?

- Are your cards lasting as long as they need to?
- Do you have to re-issue cards frequently?
- Can you affordably add more durability to your cards?

SECURE AND DURABLE BY DESIGN

Photos and basic identity data are no longer enough. Just as counterfeiting and alteration attempts have become more sophisticated, so have the features you can use to easily verify a cardholder's identity and ID authenticity. Maximize card security with a layered approach that includes incorporating smart chips in card substrates, unique personalization features and secure overlays with covert features.

Durability matters too. You need cards to last longer so you can avoid costly re-issuance. The durability features you build into your cards need to be resistant to abrasion, chemicals and normal wear and tear — while making cards more secure.

MAGNETIC STRIPE

Magnetic stripes can be encoded with biographical data and access control information and read with machine-readable systems.

SECURE OVERLAYS

Make cards more secure with custom security overlays that offer multiple layers of security ranging from simple to complex. A combination of overt, covert and forensic security features make cards easy to verify and hard to counterfeit.

New DuraShield™ clear or holographic overlays are virtually impossible to remove intact and provide edge-to-edge protection for greater card security and aesthetics. They are nearly as durable as polyester patches — at a cost that matches basic topcoats — which reduces costly card issuance and re-issuance.



SMART CHIP

Encode contact or contactless chips with biographical data, such as the cardholder's name or date of birth. Smart chips also allow for storage of biometrics and other tamper-resistant data.

TACTILE IMPRESSION

Create an extra level of security that is easy to visually verify. Combine an overlay with a unique tactile impression that causes the overlay to tear during an attempt to remove it, adding extra security by displaying tamper evidence.

VIVID PERSONALIZATION

Improve visual verification with proven technology to ensure accurate color matching and high quality printing of photos, logos and graphics.

THE SCIENCE OF SUCCESS



TACTILE IMPRESSION — AN INDUSTRY FIRST

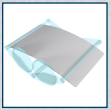
Overt security — which is clearly visible to the eye — is now more than a photo and a name. Our patent pending tactile feature impresses an image into the card substrate and overlay at the time of personalization that you can see and feel. Using a custom tactile image further elevates security.



OVERLAYS

Provide a strong line of defense against fraud and card wear. Datacard Group has a broad portfolio of secure overlays that offer many choices to fit your program and budget.

Ranging from basic clear topcoats to patches that provide the highest durability, overlays protect bar codes, signatures, logos and images. For increased security, use holographic logos, text, graphics and other high-security features.



DEBOWER

Cards bowing due to lamination is a challenging problem for issuers. A unique patent pending debower feature flattens cards inline after lamination to meet ISO specifications.

Datacard® DuraShield™ clear and holographic overlays

- Nearly as durable as a polyester patch — yet more affordable
- Virtually impossible to remove intact
- Full edge-to-edge protection
- 4x the durability of standard topcoats — at nearly the same cost

THE RIGHT FIT FOR ALL

Whether your issuance program is large or small, security and durability features are important. You now have more flexibility than ever to design ID cards that meet your needs. Building a program with a robust menu of options helps you protect your people, program and budget — no matter what your market.



BROUGHT TO YOU BY DATACARD® SD460™ CARD PRINTER

This all-in-one printer, encoder and laminator delivers everything you need to integrate the science of security and durability to your ID card issuance program.

- Unique new features: tactile impression and an inline debower that flattens cards after lamination
- Improved throughput
- Re-engineered for greater reliability, card throughput and ease-of-use



INNOVATION FOCUSED ON YOU

For over 40 years, Datacard Group has continually advanced the science of security and durability to deliver card issuance breakthroughs that matter to you. 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.

Rely on our network of authorized Datacard providers worldwide to deliver the high-value, high-performance solutions you need to succeed. For more information, visit www.datacard.com/id.



Secure Issuance Anywhere™

Datacard Group empowers you to issue financial cards, mobile applications, secure IDs and credentials anywhere, anytime you choose. We design our integrated solutions — systems, software, service and supplies — to enable central, instant or mobile issuance.

DatacardGroup

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