

# FARGO SECURITY OPTIONS



Security systems of organizations around the world today are being placed under close scrutiny. As we assess our facilities, it's reassuring to know that the first line of defense in a security system – a photo identification card system – is readily available and easily implemented. ID badges allow you to visually reconcile photos with faces of those around you. An identification badge signifies that an individual has been given clearance; lack of an identification badge signifies a breach of security.

If advanced card security is your concern, FARGO can help.

Contact your authorized FARGO integrator to learn more about the following card security options. Determine which ones make the most sense for your organization:

## Enhanced Card Security

### Oversized Cards

Printing on oversized cards is an exclusive FARGO Professional Series printing capability!

An oversized card is larger than the standard, credit card size card (called CR-80; 3.375" x 2.125"/85.6mm x 54mm), that most people carry. Oversized cards come in two sizes, called CR-90 (3.63" x 2.37"/92mm x 60mm) and CR-100 (3.88" x 2.63"/98.5mm x 67mm).

Oversized cards are excellent first lines of defense in high security applications where fast, at-a-glance visual recognition is vital, such as at airports, conventions, sporting events, government buildings and press conferences.

More and more organizations are turning to oversized cards because they are a great way to set cards apart and make them instantly recognizable.

Only FARGO HDP820 and Pro-L Card Printer/Encoders can print on oversized cards.

### Holographic Globe PolyGuard™ Overlaminates

PolyGuard Overlaminates, a polyester "patch," is applied over a printed card in the lamination station of FARGO's laminating printer/encoders, (Pro-L, Pro-LX, HDP820-LC

and DTC525-LC). It not only makes card

designs tamper-resistant, but it also protects printed cards from abrasion and fading. It is available in a 0.6 mil\* and a 1.0 mil thick version.



Holographic PolyGuard, with a globe image and the word "SECURE" in microtext, offers an added level of security by making your card more unique.

Since anyone can purchase Holographic Globe PolyGuard Overlaminates, this security feature provides only a limited degree of card protection and uniqueness. If your application requires a higher level of security, Custom Holographic PolyGuard or a printer security option could better suit your purpose.

### Custom Holographic PolyGuard Overlaminates

For the ultimate in card security, FARGO offers custom holographic overlaminates to help protect against the threat of counterfeiting, and make your entire ID system and facility more secure.

Creating a unique hologram takes a great deal of skill, time and very costly precision equipment. Embossing the hologram on clear overlaminates material adds another step to the process. To make the equation even trickier, multiple security features can be added to a hologram, such as microtext, UV printing and precision repeats.

Only a handful of companies around the world are experts in holographic "art." The amateur counterfeiter would have neither the skill nor the financial resources to invest in creating quality replicas of original holograms.

Furthermore, you will always retain ownership of your design, even after it is submitted to a holographer. The

holographers with whom FARGO works cannot sell your designs to any other customer. In this way, it is extremely difficult and cost prohibitive to recreate custom holograms.

\*0.1 mil = 0.001 inches = 25 microns = 0.025mm

## SmartShield™ Security Feature

SmartShield allows you to automatically print a custom transparent security image – a logo, symbol or text – directly onto your cards using the clear overlay panel of a standard print ribbon. Once printed, this image appears only when the card is viewed under ultraviolet (black) lighting or when viewed at an angle under normal lighting. These unique security images enhance the security of every card you produce and help protect you from counterfeiting.



With SmartShield, you can use existing logos or create new one-of-a-kind security images using any standard graphics program. Then save it to your proprietary access card. Once saved, the image will be automatically printed onto every card you produce. SmartShield images can be changed and resaved onto your access card as often as necessary, but only by those who know your password (see SmartGuard™ below).

For excellent durability, SmartShield is used in conjunction with PolyGuard Overlamine. For standard durability,

SmartShield can also be used without overlamine protection with FARGO DTC515, DTC525, Pro-LX and Pro-L Card Printer/Encoders.

## Enhanced Printer Security

### SmartGuard Security Feature

With SmartGuard, you can ensure that only authorized staff or employees are allowed to print cards. SmartGuard makes this possible by requiring that a custom access card be inserted into the printer before it will operate. If the access card is not inserted, the printer simply will not function.

The SmartGuard feature is enabled by using its software to encode a



password of your choosing onto a SmartGuard Access Card. This access card then serves as a key you can give to only those who are authorized to use the card printing equipment.

SmartGuard makes your entire ID card system more secure by ensuring accountability for every card produced.

When you register your printer with FARGO, you are added to our database and assigned a Personal Identification Number (PIN) of your choice.

Registering protects you if your card is stolen, as FARGO will give a remote access code only to you – the registered user.

SmartGuard and SmartShield are two unique security features offered exclusively for FARGO Professional Series Card Printer/Encoders. These applications are combined in one software application program.

### Lockable Card Hoppers

FARGO's DTC515 and DTC525 Card Printer/Encoders feature a lockable Card Hopper Door. This lock helps prevent theft of your blank card stock. This is especially helpful if using valuable card stock such as preprinted cards, smart cards, or cards with built-in security features such as holograms.



SECURITY OPTIONS	PRINTER/ENCODERS					
	DTC515/525	DTC525-LC	HDP820	HDP830-LC	Pro-LX	Pro-L
Oversized Cards			X	X		X
Holographic Globe PolyGuard Overlamine		X		X	X	X
Custom Holographic PolyGuard Overlamine		X		X	X	X
SmartShield Security Feature	X	X			X	Option
SmartGuard Security Feature	X	X	X	X	X	Option
Lockable Card Hoppers	X	X				