

 FARGO SECURE

PRINTER/ENCODERS

PROFESSIONAL SERIES
SELECTION GUIDE



*The world's most secure
ID card printer/encoders*



FARGO[®]

The World's Most Secure
Card Identity Systems



The World's Most Secure Card Identity Systems

No one goes farther to help organizations reduce their security vulnerabilities and prevent loss of time, money and lives.

In today's turbulent world, one thing is certain — our commitment to making your organization secure.

Today, more than ever, your organization is at risk. Fraud. Theft. Violence. Espionage. Sabotage. Terrorism. The truth is, identity-related security threats like these – internal or external – affect every organization in the world, including yours. Unless you address these threats, you're vulnerable. And that could cost your organization significant time, money or even lives.

At Fargo, we are passionately dedicated to reducing security vulnerabilities by continually working to improve the authenticity of the world's ID cards – starting with yours. We push ourselves every day to create more and better secure card identity products, services, processes and technologies.

Customers choose Fargo and our global network of integrators because we offer the most innovative, comprehensive and secure card identity systems. As the trusted leader in card identity systems, we are never satisfied. We are innovative, focused and determined. Because the reality is, so are the ones we're out to protect you from. We are Fargo.

The world's most secure card identity systems.



Innovative

The Most Innovative Card Identity Systems.

Your organization faces a new age of security threats. Whether it's the casual counterfeiter or the sophisticated forgery expert, any criminal with a purpose and a color printer can create a legitimate-looking ID card.

That's why Fargo is continually pursuing new ideas and innovative technologies that make ID cards difficult to duplicate, yet easy to authenticate.

For instance, only Fargo offers three unique card printing technologies — assuring you an appropriate level of card quality and security. Combined with our new SecureMark™ Technology, you're protected by the most innovative card identity security available.



Comprehensive

The Most Comprehensive Card Identity Security.

Our *next-generation* line of Fargo Secure products, services, processes and technologies helps amplify your security at each point within your card identity system. With Fargo Card Identity Systems you have access to:

- *Fargo Secure Card Printer/Encoders* — provide simple, secure and reliable performance, card after card.
- *Fargo Secure Materials* — ensure smooth performance and ID authenticity via cards, overlaminates and supplies.
- *Fargo Secure Software and Systems* — help increase your organization's security and efficiency.
- *Authorized Fargo Integrators* — support you with unparalleled expertise, products and service.

FARGO®

The World's Most Secure
Card Identity Systems

Secure

The Most Secure Card Identity Systems.



In addition to our printing technologies, Fargo offers you these exclusive card identity security enhancements:

- **Fargo SecureMark Technology** — Our new SecureMark Technology provides a complement to your internal security resources by assisting with the integration and protection of the authenticity of your Fargo Printer/Encoders, Software and Materials.
- **Fargo Visual Security™ Solutions** — Add a layer of security to your organization's ID cards. Embed, print or laminate custom or standard foils and holograms onto your cards, creating a formidable layer of security.
- **Fargo Print Security Suite** — Take control of your card printing security and help ensure the authenticity of your ID cards. Five powerful applications provide a strong deterrent to unauthorized printing.

Worldwide

The Most Knowledgeable Integrators Worldwide.

With more than 80,000 card identity systems installed worldwide, our customers trust our world-



wide network of Fargo integrators to help them print and encode the most secure cards in the world — helping them work better by day and sleep better at night. No one goes farther than

Fargo to help secure your organization with the appropriate level of card identity security and technology.

For more information, contact your authorized Fargo integrator or visit www.fargo.com today!

SECURITY
DEFINITION
HIGH-LEVEL

Printing Technology

Find the right printing technology for your level of security.

Every organization has different security needs. That's why Fargo developed three levels of card printing technologies for use in different security applications. Each meets Fargo's standard of print quality, durability and value.

HIGH-LEVEL SECURITY APPLICATIONS

HIGH DEFINITION PRINTING



- Ideal for high-level security
- Produces superior print quality
- For technology cards with embedded electronics
- Available in HDP® Card Printer/Encoders
- Applications: state and federal government, military agencies, events, universities and medium to large corporations

MID-LEVEL SECURITY APPLICATIONS

DIRECT-TO-CARD PRINTING



- Ideal for mid- and entry-level security
- Produces excellent print quality
- Available in DTC® Card Printer/Encoders
- Applications: small to medium corporations, healthcare, loyalty and K-12 schools

ENTRY-LEVEL SECURITY APPLICATIONS

CARDJET PRINTING



- Ideal for entry-level security
- Produces very good print quality
- Available in CardJet™ Card Printer/Encoders
- Applications: small schools, small corporations, local government, fire and police

HDP® | High Definition Printer / Encoders

HDP600 *New!*

The preferred choice for high-security card applications.

Reliable, secure and smart; the Fargo HDP600 is ideal for printing, encoding and laminating technology cards with embedded electronics. Featuring Fargo's patented High Definition Printing™ (HDP) Technology, the HDP600 is able to print over surface irregularities, including internal RFID antennae, integrated circuits and electronic smart chips, without damaging the card's electronics or the print heads. With optional encoding and lamination modules, there's simply no better choice for high-security cards.



The HDP600 is ideal for printing, encoding and laminating technology cards.

The HDP600 Features:

- *Functionality:* Print and encode up to three embedded technologies plus mag stripe – perfect for technology cards
- *Intuitive operation:* User-friendly SmartScreen™ LCD Control Panel lets you monitor printer status
- *Efficiency:* Single-pass printing/encoding
- *Secure, durable cards:* Add a Lamination Module for HDP clear and holographic overlaminates (optional)

THE NEXT GENERATION | OF FARGO INNOVATION



HDP600 Card Printer/Encoder (shown with and without optional Lamination Module) is ideal for technology cards used in government, military, university or high-security corporate applications.

HDP820

The standard choice for non-standard cards.

Print oversized cards for events and applications where detail is mandatory and visibility at a distance is necessary.



Oversized CR-100 card Standard CR-80 card

Featuring many of the capabilities of the HDP600, the HDP820 also offers the unmatched ability to print and encode both sides of virtually any size or type of plastic card.

The HDP820 Features:

- *The functionality, efficiency and security of the HDP600*
- *PLUS: The capability to print oversized CR-100 and CR-90 cards*



HDP820-LC Card Printer/Encoder (shown with optional Lamination Module) is ideal for oversized cards used in government, military, university or event applications.

High security cards demand High Definition Printing!

HIGH DEFINITION PRINTING

Fargo High Definition Printing Technology is the only technology that can consistently and perfectly print and encode high-security cards with embedded electronics. Embedded electronics like smart chips and proximity coils cause hard-to-print ridges and indentations on card surfaces. Without HDP printing you run the risk and expense of rejected cards and damaged print heads.

HDP printer/encoders can encode up to three different e-card technologies plus a mag stripe. You can also add a clear or holographic PolyGuard™ Overlaminates to your cards for unsurpassed tamper-resistant protection.



DTC® | Direct-to-Card Printer / Encoders

DTC400 *New!*

Unbelievably easy. Uniquely secure.

No other printer/encoder is as easy to use and so secure at the same time. The compact DTC400 is an affordable solution for organizations who demand it all: reliable, intuitive operation with minimal training and maintenance. Say goodbye to taped ribbons and cumbersome card cleaners thanks to Fargo's SmartLoad™ Ribbon Cartridge. The DTC400 offers unheard of versatility and security in a card printer/encoder. Plus, the next-generation DTC400 is protected by SecureMark Technology. It also offers field-upgradeable modules for dual-sided card printing, mag stripe cards and/or technology cards.



Print both sides of your cards faster and more accurately with the optional Dual-sided Printing Module.

The DTC400 Features:

- *Easy loading: SmartLoad Ribbon Cartridge with built-in SmartClean™ Roller*
- *Intuitive operation: User-friendly SmartScreen LCD Control Panel lets you monitor printer status*
- *Added functionality: Encoding Module for mag stripe, proximity and e-card (optional)*
- *Flexibility: Add a Dual-sided Printing Module (optional/field-upgradeable)*
- *Secure access: Help control issuance and ensure ID authenticity with Print Security Suite (optional)*

THE NEXT GENERATION OF FARGO INNOVATION



DTC400 Card Printer/Encoder is ideal for medium- to large-sized corporations, loyalty, K-12 schools and state and local government applications.

PROTECTED BY SECUREMARK TECHNOLOGY

DTC500 Series

Proven performance. Rugged reliability.

The heavy-duty construction of the DTC500 Series makes it ideal for high volume card printing and encoding. Plus, if your cards are exposed to demanding environments or conditions, you can add an additional layer of durability and security with an optional Lamination Module.



Single-sided DTC515 Card Printer/Encoder

The DTC500 Series Features:

- *Card protection: Print secure, durable cards with a Lamination Module (optional)*
- *Intuitive operation: User-friendly SmartScreen LCD Control Panel lets you monitor printer status*
- *Flexibility: Prints single- or dual-sided cards*
- *Functionality: Encoding Module encodes/reads three e-card technologies, plus a magnetic stripe (optional)*



The DTC525 (with optional Lamination Module) is ideal for high-volume applications or demanding environments.

DTC500 Series	Input Hoppers	Card Capacity	Security Package*	Encoding Modules**	Lamination Module
Single-Sided Card Printer/Encoders					
DTC515	2	200	Included	Optional	Optional
DTC515-LC	2	200	Included	Optional	Included
Dual-Sided Card Printer/Encoders					
DTC525	2	200	Included	Optional	Optional
DTC525-LC	2	200	Included	Optional	Included

* DTC500 Series Security Package includes Card Hopper Lock, SmartGuard® and SmartShield®.
 ** Encoding Modules include a choice of: magnetic stripe card, contact smart card and contactless smart card encoders and/or proximity card reader.

Fargo's patented dual, auto-switching Card Input Hoppers let you load up to 200 of the same type of card. Or you can place a different stack of 100 cards into each hopper for added versatility and efficiency.



CardJet™ Printer / Encoders

CardJet 410

Printing and encoding plastic cards is now inkjet-easy!

Perfect for low-volume, low-level security applications, the CardJet 410 is as easy to use and maintain as a standard inkjet printer. Just pop in the SmartLoad Ink and Card Cartridges, and you're ready to print plastic cards. Operation and maintenance have never been easier!

Plus, you can add functionality and security to your plastic cards with the CardJet 410's optional Magnetic Stripe Encoding Module.

The CardJet 410 Features:

- *Easy loading: SmartLoad Card Cartridge holds 100 cards*
- *Easy maintenance: SmartLoad Ink Cartridges snap into place*
- *More functionality: Magnetic Stripe Encoding Module (optional)*
- *Familiar technology: CardJet Printing Technology and an HP inkjet-based print engine ensures virtually maintenance-free reliability*



CardJet 410 Card Printer/Encoder is ideal for small corporations, K-12 schools, retail, loyalty and membership applications.



CardJet 410 Photo ID System

Everything you need to get a basic ID program started.

Fargo designed the CardJet 410 Photo ID System to make it easy for your organization to get an ID program up and running. Set up is simple, and using the system is even easier. This comprehensive system includes everything you'll need to start issuing and badging your employees, members or customers.

The CardJet 410 Photo ID System Includes:

- CardJet 410 Card Printer/Encoder
- Build-a-Badge™ software
- USB-ready digital camera
- 6 ft. USB cable
- One 300-print color SmartLoad Ink Cartridge
- One 900-print black SmartLoad Ink Cartridge
- One 100-count SmartLoad Card Cartridge

With inkjet-easy CardJet Printing Technology, you get printed plastic cards in three easy steps!

Fargo's exclusive CardJet 410 Printer/Encoder is as easy to use as your desktop inkjet printer. Plus, SmartLoad Cartridges make operation a snap.



1 Load the SmartLoad Card Cartridge.

The cards are pre-loaded to save you time and hassles.



2 Load the SmartLoad Ink Cartridges.

Both ink cartridges snap easily and intuitively into place.



3 Print!

In seconds, you'll have professional, durable ID cards.

The Fargo DTC400 is the first printer/encoder to utilize SecureMark Technology.



FARGO SECURE

PRINTER/ENCODERS

Fargo Secure Software helps ensure that what goes in, on and around your card is authentic.



FARGO SECURE

SOFTWARE

FARGO®

The World's Most Secure Card Identity Systems

FARGO SECURE

MATERIALS

Fargo Secure Materials include cards, overlaminates and other supplies. They all work together to provide reliable system performance and secure cards.



FARGO SECURE

INTEGRATORS

Fargo SecureMark integrators are the most knowledgeable card identity system experts in the world.

Introducing SecureMark Technology from Fargo

Fargo's innovative new technology helps ensure your card identity system is as secure as it can be.

Fargo SecureMark Technology is a combination of hardware, software and processes that are specifically engineered to reduce your card identity system vulnerabilities. When combined with the expertise of an authorized Fargo SecureMark integrator, it enables secure integration that surrounds your entire Fargo Card Identity System, including:


- Fargo Secure Printer/Encoders
- Fargo Secure Software
- Fargo Secure Materials

SecureMark Technology is designed to significantly reduce the risk of counterfeit cards and unauthorized issuance — thereby protecting your card identity system, and more importantly, your organization.

It's just one more innovative way that Fargo goes farther to make you more secure.

PROTECTED BY
SECUREMARK TECHNOLOGY

Your authorized Fargo integrator can customize a card identity system that meets your current and future needs.

Features		HDP820	HDP600	DTC500	DTC400	CardJet 410
	Print Method	HDP dye-sub/ resin thermal transfer	HDP dye-sub/ resin thermal transfer	DTC dye-sub/ resin thermal transfer	DTC dye-sub/ resin thermal transfer	Thermal inkjet
	Full-Color	Yes	Yes	Yes	Yes	Yes
	Monochrome			Yes	Yes	
	Printing Sides	Dual-sided	Dual-sided	Single- and Dual-sided	Single- and Dual-sided	Single-sided
	Magnetic Stripe Option	Yes	Yes	Yes	Yes	Yes
	E-Card Docking Station Option	Yes	Yes	Yes	Available Soon	
	Contact Smart Card Encoder Option	Yes	Yes	Yes	Available Soon	
	Contactless Smart Card Encoder Option	Yes	Yes	Yes	Available Soon	
	Proximity Card Reader Option	Yes	Yes	Yes	Available Soon	
	Built-In Lamination	Available	Available	Available		
	SmartShield Card Security			Yes		
	SmartGuard Printer Security			Yes		
	Card Hopper Capacity (CR-80, 30 mil cards)	200	200	200	100	100
	Oversized Cards	CR-90 and CR-100				
	Card Hopper Lock			Yes		
	Reject Card Hopper	Yes	Yes	Yes		
	High-Volume Printing	Yes	Yes	Yes		
	Networking Option	Yes	Yes	Yes		
	Print Security Suite				Yes	
	Card Cleaning	Yes	Yes	Yes	Yes	N/A
PC/MAC	Compatibility	PC	PC	PC	PC	PC
	Print Area	Over-the-edge	Over-the-edge	Edge-to-edge	Edge-to-edge	Over-the-edge
	SmartScreen LCD	Yes	Yes	Yes	Yes	
	Fargo Certified Supplies	Fargo Card Printer/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, printhead life and printer/encoder reliability, use only Fargo Certified Supplies. Fargo warranties are void, where not prohibited by law, when non-Fargo Certified Supplies are used.				