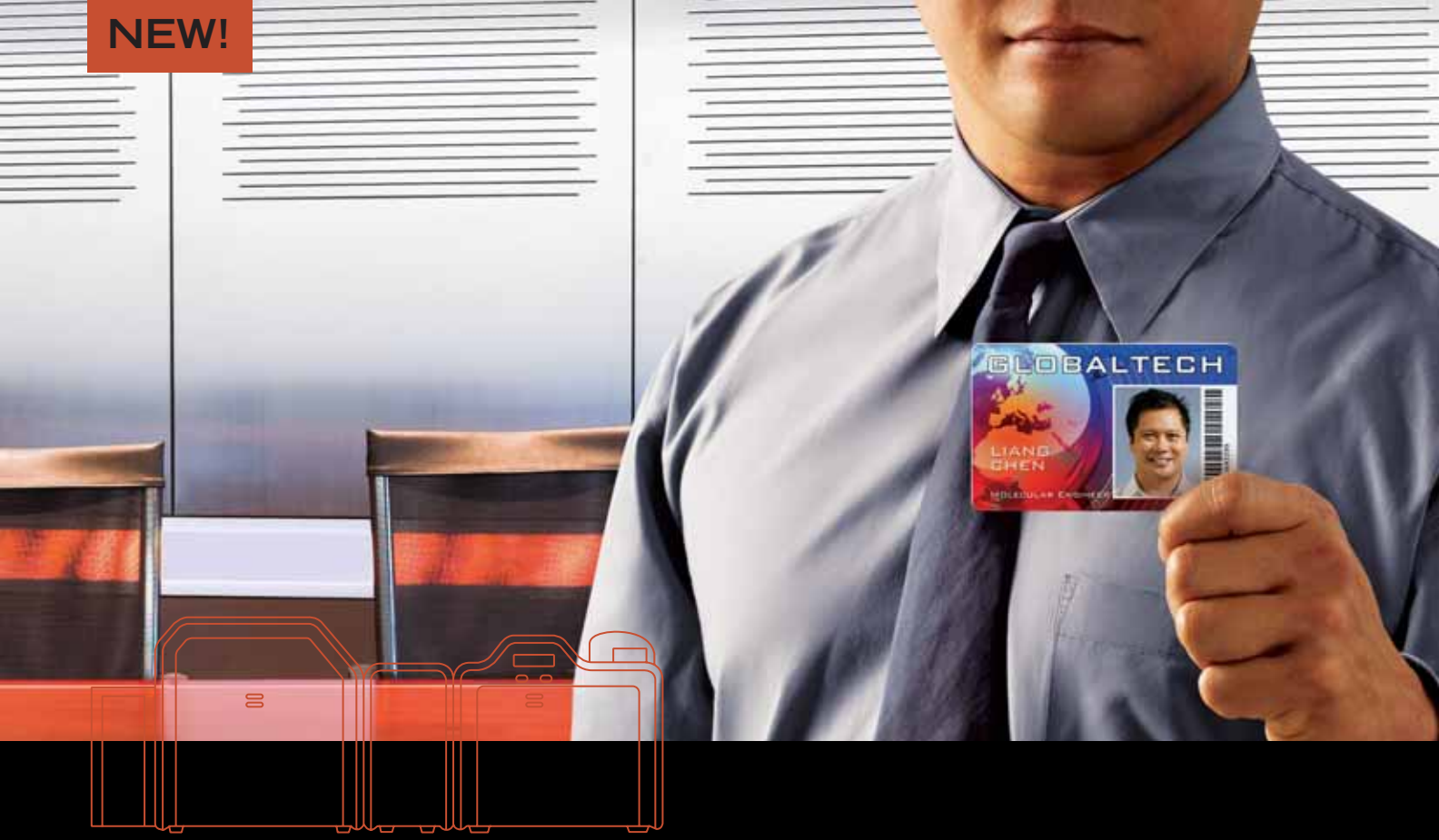
NEW!



HDP5000 HIGH DEFINITION PRINTER/ENCODER

AMAZING IMAGE QUALITY AT AN AFFORDABLE PRICE — HIGH DEFINITION PRINTING IS NOW WITHIN REACH.

FARGO®
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HDP5000

HIGH DEFINITION PRINTER/ENCODER

Get vibrant, High Definition cards from the reliable, affordable Fargo HDP5000.

Single-sided printer/encoder

Dual-sided printer/encoder

Lamination option and dual-sided printer/encoder

Modular design grows with your needs. *Not sure what your ID card applications will require in the future? No problem. The HDP5000 is easily upgraded to fit your needs. Start with a basic single-sided unit. Install encoding modules. Upgrade to dual-sided printing. Add lamination, or simultaneous dual-sided lamination for the ultimate in card security and durability.*

Everything looks better with High Definition Printing™.

Colors are vibrant. Images are crisp. Quality is second to none. With the Fargo HDP5000, ID cards do more than protect your organization — they reflect its pride. HDP5000 produces ID cards with the highest image quality available. By printing a reverse image on the underside of HDP® Film, then fusing the film to the card surface, the HDP5000 creates an image quality that looks more like a sharp glossy photo than an ordinary ID badge.

Printing on film instead of directly on the card means that the uneven surface of technology cards doesn't compromise image quality. The HDP5000 can print up to the edge of smart chip contacts, and over-the-edge of the card.

High-quality images without the high price tag.

With the Fargo HDP5000, the price tag looks as great as the cards it produces. High Definition Printing is the most advanced method of card printing available. The HDP5000's image quality far exceeds other models, but its cost doesn't. No other card printer delivers High Definition images at this price point, making the HDP5000 feasible for a broad range of organizations.

Rely on it for more than good looks.

The HDP5000 is exceptionally reliable, which means less printer downtime. Because the printhead never comes in contact with card surfaces or debris, it's never damaged in the printing process. In fact, it carries a lifetime warranty.

Cards produced by High Definition Printing are inherently more durable and secure than other types of cards. They resist wear and tear by putting a durable layer of HDP Film between the card image and the outside world. They're also tamper-evident — if a counterfeiter tries to peel apart the layers, the image essentially destroys itself.

Improvements you'll see in every card.

Fargo introduced High Definition Printing in 1999, and we've been advancing the technology ever since.

High Definition cards deliver the highest image quality *— layered on the highest functionality. HDP Film fuses to the surface of proximity and smart cards, conforming to ridges and indentations formed by embedded electronics.*

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1. *Optional single-sided or simultaneous dual-sided lamination for higher card security.*
2. *Dual-sided card printing option expands printable area without manually reloading cards.*
3. *SmartScreen™ LCD Control Panel displays helpful status messages and prompts.*
4. *Cartridge-based card handling allows faster reloading or changing to different card stocks.*
5. *High-yield ribbon, film and overlaminate cartridges load fast and eliminate the waste of torn materials.*
6. *Encoding options handle magnetic stripe, proximity, contact and contactless smart cards.*
7. *Standard USB and Ethernet connectivity plus internal print server for secure network printing.*

The HDP5000 is the most affordably priced HDP model ever. It's also the fastest and most efficient, with improvements at every level. Simpler operation requires only minimal training. Cards, ribbons and overlaminates literally load in a snap via the cartridge-based system. Sharper image quality and new HDP materials deliver more impressive cards at a lower cost per card. And faster printing helps you fly through the biggest production jobs.

Add dual-sided durability and security — fast.

Applying a holographic overlaminate or holographic HDP Film to the front of an ID card improves its durability and security. An overlaminate on both sides doubles the protection. The HDP5000 laminates both sides of a card simultaneously in one efficient pass.

Since the lamination module needs no card flipper, it doesn't waste time by turning a card over and laminating it again. Saving a few seconds per card may not sound like much. But multiplied by a 5,000- or 10,000-card production run, the savings are substantial.

The right printer for every application.

High Definition Printing is the latest technology for the best looking ID cards available, making the HDP5000 a smart choice for retail stores, recreation facilities, or any organization whose brand image is paramount.

It's also right for organizations that demand more functionality from their ID cards. Colleges, loyalty and membership programs, businesses and corporations, health care facilities and government agencies are all expanding their use of multifunction smart cards. Encoding options allow configuration of the HDP5000 to produce proximity and smart cards according to specific needs. And print quality is never sacrificed; the High Definition Printing process fuses the HDP Film to the card surface, conforming to ridges and indentations of the embedded electronics in smart and prox cards so images are always sharp.

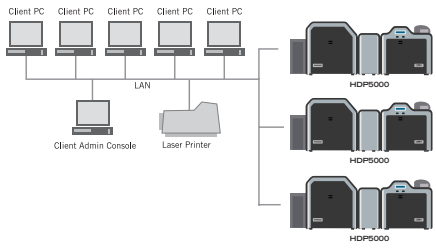
Produce High Definition cards anywhere.

Card production is no longer limited to stand-alone badging stations. A retail chain, for example, can distribute card issuance over a network to any location. On a corporate campus or university, an array of printer/encoders can be set up in a central location for high-volume production. The HDP5000 is the ideal choice for countless scenarios. Its Ethernet port and internal print server provide the connectivity needed for networked operations.

The next generation of smart card applications.
The HDP5000 prints and encodes multifunction cards in High Definition for applications such as:

Physical and Logical Security:
High Definition cards protect high-security facilities, and authorize access to secure networks and PCs.

Personal Information:
Smart cards can store data and ensure accurate ID for health care, entitlement programs and time and attendance.



The HDP5000 fits seamlessly into corporate IT infrastructures. Its Ethernet port and internal print server provide the connectivity needed for networked operations.

HDP5000

HIGH DEFINITION PRINTER/ENCODER

Take your card printing higher.

Only one card printer offers ultimate image quality and printer reliability, affordably. For every need — from great-looking photo ID cards to multifunctional, high-security applications — the HDP5000 does the job beautifully.

Learn more about the HDP5000 High Definition Card Printer/Encoder by contacting an authorized Fargo integrator. To find a Fargo integrator near you, visit ***www.fargo.com***

The HDP5000 meets the card application needs of:

- *Businesses and corporations*
- *Colleges and universities*
- *Government agencies*
- *Transportation*
- *Health care facilities*
- *Loyalty and membership programs*
- *Retail stores*
- *Recreation*

Government

Corporate

University

Recreation

Your Total Solution

Every Fargo printer/encoder is the central component of a complete Fargo Card Identity System. We also offer software, materials, cameras and accessories — everything you need from one trusted source, for a total solution to your card printing needs.

Software

Fargo printer/encoders work with Fargo Asure ID® applications and all other leading card creation and issuance management software.

Fargo printer/encoders also come with Fargo Workbench™, a software toolkit for set up, printer security, diagnostics and firmware upgrades.

Materials

Fargo ribbons, films, overlaminates, and other materials not only ensure superior print quality for long-lasting, great-looking cards, they add features that increase durability and resist counterfeiting. That means fewer card replacements and lower cost per card.

Cameras and Accessories

Fargo offers a selection of digital cameras, photo lighting equipment and backgrounds, plus card accessories such as lanyards and clips.

Specifications Overview (complete HDP5000 specs available at www.fargo.com/hdp5000-specs)

Print Method:	HDP Dye-Sublimation / Resin Thermal Transfer
Resolution:	300 dpi (11.8 dots/mm)
Colors:	Up to 16.7 million / 256 shades per pixel
Print Speed (batch mode):**	• 38 seconds per card / 95 cards per hour (YMC with transfer)* • 46 seconds per card / 78 cards per hour (YMCK with transfer)* • 70 seconds per card / 51 cards per hour (YMCKK with transfer)* • 50 seconds per card / 72 cards per hour (YMCK with transfer and dual-sided, simultaneous lamination)* • 75 seconds per card / 48 cards per hour (YMCKK with transfer and dual-sided, simultaneous lamination)*
Accepted Standard Card Sizes:	CR-80 (3.370" L x 2.125" W / 85.6mmL x 54mmW)
Accepted Card Thickness:	• Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm • Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm
Input Card Cartridge Capacity:	100 cards (.030" / .762mm)
Output Hopper Card Capacity:	200 cards (.030" / .762mm)
Software Drivers:	Windows® 2000 / XP / Server 2003 / Vista
Print Area:	Over-the-edge on CR-80 cards
Warranty:	• Printer - Two years including one year of free printer loaner support (U.S. only); optional Extended Warranty Program (U.S. only) • Printhead - Lifetime; unlimited pass
Options:	• Card lamination module – single-sided or dual-sided (simultaneous) • Smart card encoding (contact/contactless) • Door and cartridge locks • Printer cleaning kit • Magnetic stripe encoding • 200-card input hopper (available soon) • Dual-sided printing

*Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, O=Overlay

**Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the CPU, amount of RAM and the amount of available resources at the time of the print.

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