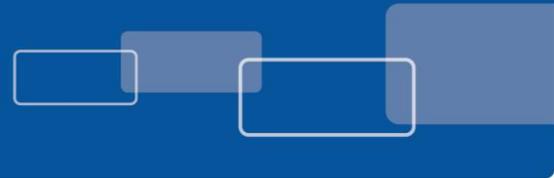**HID**®

FARGO® HDP5600
High Definition Card Printer/Encoder

March, 2016

1. What is the FARGO® HDP5600?

The FARGO HDP5600 is the most recent fifth generation re-transfer dye-sublimation printer to be developed by HID Global. With its 600 dpi option, it is specifically designed to meet the requirements for printing high quality IDs and cards. Not only are colors more brilliant and images sharper, but the high quality resin printing capabilities of the HDP5600's 600 dpi option give you the ability to precisely print small text and crisply defined barcodes. Using 600 dpi, the printer can even produce accurate and vibrant complex characters such as Kanji, Arabic or Cyrillic. The HDP5600 is available in 600 dpi or 300 dpi. Please note that 600 dpi is NOT a field upgradeable option. 600 dpi must be selected at time of purchase.

2. How does the FARGO HDP5600 Card Printer fit within HID's printer portfolio?

The FARGO® HDP5600 and DTC5500LMX printer/encoders are the first to comprise HID Global's new Professional Select Series of printers. Professional Select Series models offer some feature sets and options that are not available for traditional Professional Series printers. The Professional Select Series joins the existing FARGO portfolio that includes the Value, Standard, Professional, Financial and Industrial Series products.

3. What is the new Professional Select product category and what are the benefits of being certified to buy and sell Professional Select category products?

The Professional Select product category is comprised of printers and consumables that will be purchased and sold by partners who are product-certified to purchase and sell them. Professional Select product-certified partners are typically value-add solution providers and system integrators wherein the selling and support of card printers and consumables is their primary business. These partners offer high-touch, full service capabilities to their card printer end-customers and possess vertical market expertise. Partners that are certified to sell solutions from HID Global's Professional Select product category enjoy the following benefits:

Maximized Profitability	• MAPP and NAPP Policies (varies by region) protect your investment and selling efforts with strict enforcement by HID Global.
Market Differentiation	• Become your customer's preferred source for unique credential printing solutions not available elsewhere.
Protection of Recurring Revenue Streams	• Ongoing revenue stream is protected from non-certified competitive infiltration for years to come.
Professional Select Products are a Perfect Complement to Your Sales Story	• Professional Select product-certified partners are value-add providers and System Integrators with full-service, high-touch technical expertise – further strengthening how you position yourself today with your customer.

| | • Being uniquely certified to sell Professional Select products adds value and reinforces your full-service story and supports your selling strategy. |

4. How will HID Global distribute the FARGO HDP5600 Professional Select Card Printer/Encoder?

- The HDP5600 will be distributed through a worldwide network of qualified system integrators.

5. What are some of the terms and conditions of the Professional Select Series Product Certification Guidelines?

- Must be HID FARGO Authorized Service Provider (ASP) OR have a contractual agreement with an HID-approved 3rd Party HID Secure Issuance ASP.

- Must develop a Business Plan that then must be reviewed and approved by HID Global. A Business Plan template may be accessed within the **HDP5600 Launch Kit** on the **HID Partner Portal**. If you do not have access to the Partner Portal, please inquire with your local HID Global Sales Representative to obtain the Business Plan template.

- All appropriate personnel representing HID Global Secure Issuance products and solutions must have completed and passed required product-level HID Academy training modules for the Professional Select Series products they intend to promote and sell.

- Must purchase at least one Professional Select Series Demonstration (Demo) Printer and complete product-specific training for each printer model they plan to promote and sell. (For example, if the FARGO ASP would like to promote and sell both Professional Select Series (the HDP5600 and the DTC5500LMX), they would be required to purchase at least one demo unit of each and complete product-specific training for both models).

- Must adhere to defined NAPP or MAPP and Direct Sales policies with certified channel products as applicable to your region. (Some regions will follow NAPP while others will follow MAPP for Professional Select Series products.) Please inquire with your local HID Global Sales Representative for details specific to your region.

- For those in regions that follow NAPP (No Advertised Pricing Policy), participating Partners within that region must comply with NAPP meaning that advertisements of the Professional Select Series printers, associated components and/or consumables, distributed by any means of communication, may not contain pricing information.

6. How can I learn more about Professional Select Product Certification Online Training for the HDP5600?

Please visit us at https://hidglobal.csod.com for course information and Professional Select Product Certification training. You may also contact your HID Global Sales Representative for detailed information. Please note that this Professional Select Product Certification training is mandatory to be a qualified FARGO HDP5600 integrator, dealer or distributor.

7. Does HID Global offer a demo program for the HDP5600 printer?

Yes. HID Global does offer a demonstration program for the HDP5600 printers. It should be noted that purchase of at least one demo unit is required for Professional Select Product Certification. Our Demo Policy and Demo order form are located within the **HDP5600 Launch Kit** on the Partner

Portal website. You may also contact your HID Global Sales Representative for detailed information.

8. What new features are available with HID Global's new FARGO HDP5600 Card Printer/Encoder?

In addition to all of the features offered by the HDP5000, the HDP5600 offers:

- 600 dpi option - Features a high resolution 600 dpi option for printing small, complex characters and crisp barcodes. Even minute characters such as Kanji, Arabic or Cyrillic are clearly defined. (a 300 dpi model is also available)

- 64 MB Memory

In addition, like all current FARGO HDP and DTC printers, the HDP5600 includes our FARGO Workbench™ software and diagnostic utility for printer maintenance with Color Assist™ spot-color matching at no additional cost.

For a comprehensive list of all available features, please refer to the **HDP5600 Specification Sheet** located within the **HDP5600 Launch Kit** on the Partner Portal.

9. Will the HDP5600 be FIPS-201 compliant?

Yes. We expect to obtain GSA FIPS-201 APL certification for the Card Printer Station Category for the HDP5600 within 2016. As additional details become available, this document will be updated to reflect the status of this certification.

10. Will the FARGO HDP5600 replace any current FARGO printers?

No. The HDP5600 is part of a new FARGO Professional Select Series. This product is specifically built to meet the requirements for printing high quality IDs and cards with a focus on reliability, performance and the optional 600 dpi. The HDP5600 utilizes High Definition Printing (HDP®) technology.

11. What is HDP or re-transfer printing technology?

High Definition Printing (HDP) delivers the highest image quality possible for card issuance applications. This is done by printing the image on the HDP Film rather than directly to the card. This HDP Film is then fused to the card, which allows the image to fill the entire white space of the card. An additional benefit of HDP printing is that it inherently provides an extra layer of durability and security since the image on the underside of the film is fused to the card. Moreover – because HDP film is fused to the surfaces of proximity or smart cards, it conforms to ridges and indentations formed by the embedded electronics inside the card. As a result, images and text printed on the card are crisper and more vibrant.

12. Is the HDP5600 Printer compatible with HDP5000 Printers?

No. The HDP5600 firmware and driver are not compatible with HDP5000 printers.

13. Do HDP5600 color profiles match HDP5000 color profiles?

Yes, for the HDP5600 300 dpi model. In the case of the HDP5600 600 dpi model, although very similar, due to the higher resolution, HID Global is unable to guarantee an exact color profile match when using 600 dpi.

14. What are the new part numbers associated with the HDP5600?

600 dpi Model Part Numbers	HDP5600 600 dpi Configurations
093600	HDP5600 600 dpi Single-side printer
093620	HDP5600 600 dpi Single-side printer with single side laminator
093640	HDP5600 600 dpi Dual-side printer
093660	HDP5600 600 dpi Dual-side printer with single side laminator
093680	HDP5600 600 dpi Dual-side printer with dual side laminator
093700	HDP5600 600 dpi Printer with Dual Hoppers
093800	HDP5600 600 dpi Printer with physical locks
093900	HDP5600 600 dpi Printer with dual hoppers and physical locks
300 dpi Model Part Numbers	HDP5600 300 dpi Configurations
093200	HDP5600 300 dpi Single-side printer
093220	HDP5600 300 dpi Single-side printer with single side laminator
093240	HDP5600 300 dpi Dual-side printer
093260	HDP5600 300 dpi Dual-side printer with single side laminator
093280	HDP5600 300 dpi Dual-side printer with dual side laminator
093300	HDP5600 300 dpi Printer with Dual Hoppers
093400	HDP5600 300 dpi Printer with physical locks
093500	HDP5600 300 dpi Printer with dual hoppers and physical locks

15. Are HDP5000 or HDP8500 ribbon, film and overlaminate consumables compatible with the HDP5600?

No. Only HDP5600 ribbons and film consumables are compatible with the HDP5600. HDP5000 and HDP8500 consumables are not compatible with the HDP5600. The overlaminates used with the HDP5600 are the same overlaminates that work in the HDP5000, HDP8500, and DTC4500e.

16. Are the HDP5600 print ribbons and HDP films compatible with other HDP Printer Models?

HDP5600 print ribbons and HDP films can also be used in HDP5000 printers if the HDP5000 firmware has been updated. More details to follow. This document will be updated once additional details are available. You may also contact your HID Global Sales Representative for additional information.

17. What are the Part Numbers for all available HDP5600 ribbon and film?

Part Number	HDP5600 Ribbon Description
084510	RBN H5600 YMC 750 IMAGE
084511	RBN H5600 YMCK 500 IMAGE
084512	RBN H5600 YMCKK 500 IMAGE
084513	RBN H5600 YMCKH 500 IMAGE
084514	RBN H5600 YMCFK 500 IMAGE
084515	RBN H5600 YMCKI 500 IMAGE
084516	RBN H5600 HALF PANEL YMCK 1000 IMAGE
084517	RBN H5600 HALF PANEL YMCKK 750 IMAGE
084518	RBN H5600 K PREMIUM RESIN 3000 IMAGE
084519	RBN H5600 YMCKIKI 400 IMAGE
Part Number	**HDP5600 Film Description**
084500	RBN H5600 INTM 1500 IMAGE (Clear Film)
084501	RBN H5600 SEC ORBIT INTM 500 IM (Standard Holographic Film)
084502	RBN H5600 CSTM HOLO STAN INTM 500 IM (Custom Holographic Film)
084503	RBN H5600 HIGH DURABLE INTM 1000 (approx.) IMAGE (High Durable Clear Film)

18. Can I order standard high security holographic HDP film for the HDP5600?

Yes. HID Global's High Secure Orbit design will be available as an off-the-shelf product.

19. What is the minimum order quantity for customized high security holographic HDP film?

The minimum order quantity is 50 rolls (25,000 images). The lead time for custom holographic HDP Film is approximately 12 weeks.

20. What card types does HID recommend for the HDP5600?

HID Global recommends our UltraCard® Premium in applications where a non-technology card will be used. In applications requiring embedded technology, such as Seos™, iCLASS® or Prox, HID Global recommends that the cards are constructed using a PVC/PET composite construction. PVC/PET composite constructions will provide extended card life after the card is issued, while also providing a better user experience during the printing process due to the increased heat resistance these cards offer.

21. Can the HDP5600 handle multiple card types at once?

Yes. The HDP5600 optional dual-card input hopper lets you easily manage multiple card types. End users may stock two different card types within the two separate input hoppers. Card cartridges/hoppers not in use can be removed from the printer and stored in a secure location.

22. What is the MSRP for the HDP5600?

- U.S. $3,995 (USD) – 300 dpi Single-sided printer (HDP5600 standard)
- U.S. $4,494 (USD) – 600 dpi Single-sided printer (HDP5600 with 600 dpi option)

23. When will the HDP5600 be commercially available?

The HDP5600 will be commercially available in March, 2016.

24. Does the HDP5600 ship with a User's Guide?

Yes. An electronic User's Guide is included on each HDP5600 installation CD. A printed Quick Start Guide will also accompany your printer.

25. What items are included with the base model single-sided printer?

- A convenient Quick Start Guide
- Driver installation CD (including Workbench™ - FARGO Printer software toolkit)
- Power supply and cords (US and EU)
- Warranty information sheet

26. What are the field upgradeable options for the HDP5600?

Field Upgradeable – User Installation	Field Upgradable – Technician Installation Required
Dual-sided (flipper module)	Dual input hopper
Lamination module (single or dual)	Contact smart card encoder (ISO 7816)
200 Card Input Hopper	Contactless smart card encoder – 13.56 MHz technology such as HID iCLASS® and MIFARE™
Magnetic stripe encoder	
JISII magnetic stripe encoder	
Wi-Fi® Module	

27. What options are available that must be ordered at time of base unit purchase (non-field upgradeable options)?

- 600 dpi or 300 dpi must be selected at time of purchase. End users will **NOT** be able to field upgrade from a 300 dpi printhead to a 600 dpi printhead.

- Physical, mechanical locks for cards and consumables access

28. Does the HDP5600 use the same part numbers for field upgradeable option modules as the most recent version of the HDP5000?

Yes. All field upgradeable option modules for the HDP5600 use the same part numbers as those for the HDP5000.

29. Does the FARGO SDK support the HDP5600?

Yes.

30. What does the warranty cover?

- Printer – Three years including one year of free printer loaner support (U.S. only); optional Extended Warranty Program (U.S. only)
- Printhead – Lifetime; unlimited pass

31. What are the main advantages of the HDP5600 over competitive 600 dpi reverse transfer printers?

Main advantages of the HDP5600 over competitive 600 dpi reverse transfer printers include:

- Lower cost 600 dpi
- Optional dual card input hopper with 200-card total capacity
- Lower cost-per-card with half-panel ribbon offering
- Enhanced durability material offerings (High Durable Film)
- Fully field-upgradeable to meet an organization's changing needs over time
- Key security features with optional physical locks, encrypted data and TIP architecture
- Easy-to-use graphical printer display with many language translations available

For a complete competitive comparison, please refer to the *Retransfer Printer Competitive Matrix* located within the **HDP5600 Launch Kit** on the Partner Portal website.

32. What are the main advantages of the HDP5600 over competitive direct-to-card printers?

Main advantages of the HDP5600 over competitive direct-to-card printers include:

- Optional dual card input hopper feature with 200 card total input hopper capacity
- Fully field-upgradeable to meet an organization's changing needs over time
- Superior, photographic high definition image quality
- Superior barcode and minute character print quality
- Higher card durability due to high definition printing process
- Additional layer of card security available without lamination via HID Global's unique holographic (standard or custom) HDP film

- Key security features with optional physical locks, encrypted data and TIP architecture
- Easy-to-use graphical printer display with many language translations available
- Lifetime printhead warranty – a cost savings in thousands of dollars over the life of the printer

33. How do I contact HID Global Technical Support?

North America & Corporate	Asia Pacific
611 Center Ridge Drive Austin, TX 78753 USA Phone: 866-607-7339 Fax: 949 732 2120	19/F 625 King's Road North Point, Island East Hong Kong Phone: 852 3160 9833 Fax: 852 3160 4809
Europe, Middle East and Africa	Brazil
Haverhill Business Park Phoenix Road Haverhill, Suffolk CB9 7AE England Phone: 44 (0) 1440 711 822 Fax: 44 (0) 1440 714 840	Condomínio Business Center Av. Ermano Marchetti, 1435 Galpão A2 CEP 05038001 Lapa - São Paulo/SP Brazil Phone: 55 11 5514-7100
HID Global Support: www.support.hidglobal.com	

For additional global office location and contact information, please visit us at: www.hidglobal.com