

DATACARD®

MPR5800™ INLINE CARD PRODUCTION AND PERSONALIZATION SYSTEM



A POWERFUL COMBINATION OF TWO INNOVATIVE SOLUTIONS

High performance and flexibility

The Datacard® MPR5800™ inline card production and personalization system enables issuers to select the precise combination of modular capabilities to meet your program needs:

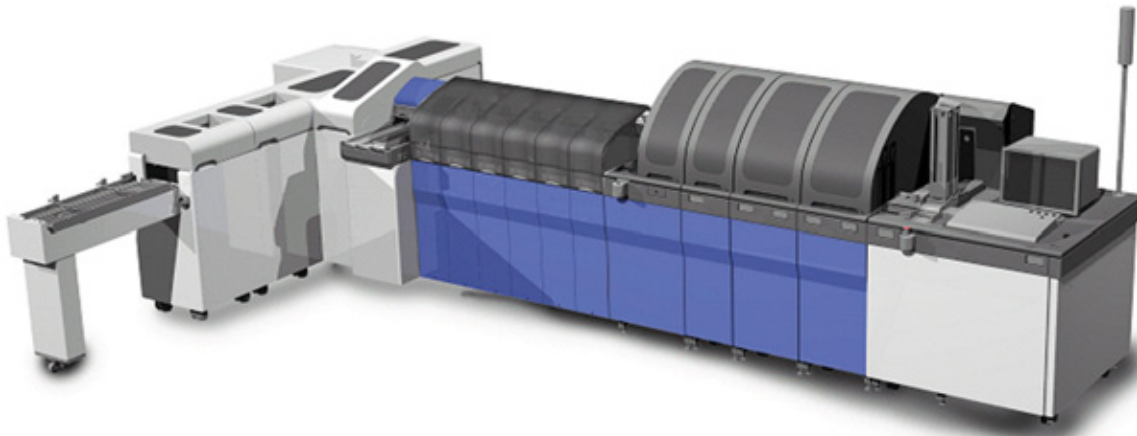
- Faster card production
- Faster card personalization
- Enabled with Maxsys system technology
- Single-pass, inline system ideal for ID, GSM and financial card programs
- Ideal solution for card bureaus

Introducing the Datacard® MPR5800™ inline card production and personalization system, the latest technological innovation from Datacard Group for card bureaus and card manufacturers requiring next-generation solutions for card production, personalization and delivery. This innovative system utilizes a combination of reliable technologies from the proven platforms of the Datacard® MPR5000 card production and personalization system and the Datacard® Maxsys® card issuance system.

- Built and designed to produce up to 5,000 cards per hour
- Industry innovation enables multiple inline process steps in a single, modular system from production through personalization and fulfillment
- Ideal solution for bureaus producing high volumes of GSM or PayTV cards, as well as ID programs where the system needs to be leveraged for financial card personalization
- Single-pass, inline system solution ideal for healthcare ID cards or other specialized ID programs requiring capabilities from both the MPR5000 and Maxsys systems
- Reduces costs of holding inventory and reduces production cycle times

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS



The Datacard® MPR5800™ inline card production and personalization system is designed to produce up to 5,000 cards per hour.

DATACARD® **MPR5800™ INLINE CARD** **PRODUCTION AND** **PERSONALIZATION SYSTEM**

MPR5800 system features*

Combines MPR5000 system features

Milling

Mills cavities into cards in a compact, fast and inline manner.

Embedding

Implants chips with the incredible and renowned worldwide quality of Datacard® production systems, including inline lamination.

Plug punching

Enables GSM punching or other punch designs according to your specifications.

Magnetic stripe

Both systems offer a full range of magnetic stripe encoding capabilities, ISO encoding tracks 1, 2 and 3, HiCo and LoCo, JIS2.

Smart card personalization

Securely encodes contact, contactless or dual chips with a smart card barrel with 36 programming stations configured for exceptionally fast card personalization. (Two or more smart card personalization modules can be added for additional programming stations.)

Laser engraving

Engraves variable-sized photos, text, bar codes, logos and other graphics with speed and precision, with up to six lasers online.

Inkjet printing

Offers excellent horizontal and/or vertical inkjet printing of alphanumeric data and standard bar codes.

Vision registration/control

Ensures correct alignment of personalization data with preprinted information and helps to ensure that every card meets predetermined requirements before or after production and personalization operations.

Interface module

Enables intermediary output with a dual output magazine for card storage and a card flipping station.

* Specific MPR5000 system and Maxsys system capabilities are subject to Datacard Group's product management approval for MPR5800 system configurations.

...with Maxsys system technologies

Magnetic stripe

Both systems offer a full range of magnetic stripe encoding capabilities, ISO encoding tracks 1, 2 and 3, HiCo and LoCo, JIS2.

Card cleaning

Removes potentially damaging particles from cards and allows you to print crisp, high-resolution images on cards.

Color printing

Prints full-color, high-resolution photos and images directly on the card allowing near-edge printing using dye diffusion, thermal transfer technology up to 300 dpi.

Graphics printing

Prints monochrome text, bar codes, logos and other graphics with 300 dpi precision.

Overlay lamination

Applies a protective durable topcoat onto the card to protect graphics and color printed images, thus extending the life of photo and picture cards and reducing the migration of color dyes.

Emboss/indent

Provides extremely high-quality embossing as well as excellent throughput.

Topping

Applies colored topping foil to embossed characters and delivers consistent, high-quality performance for up to three years.

Label affixing

Delivers highly accurate label placement onto cards while affixing labels at high speeds.

Card output

Stacks cards reliably at the system's maximum throughput speed, helping to ensure nonstop productivity during long runs.

Datacard® MXD™ card delivery system and Datacard® MXi™ envelope insertion system

Applies cards to forms, folds forms and inserts these into envelopes with additional forms if required.

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Names and logos on sample cards are fictitious. Any similarity to actual names, trademarks or tradenames is coincidental.

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