**INTELLIGENT ISSUANCE**

Choose the right modules for your needs with the MX6100 system — a flexible, feature-rich card-to-envelope production system.

- System Controller
- Card Input
- Card Cleaning
- OCR-B/Barcode Scanner
- Vision Verification Gen 2
- Magnetic Stripe Encoding
- MM Module
- Barrel Dual Interface Smart Card Personalization
- Graphics Printing Gen 2
- Color Printing Gen 2
- Datacard Arista VHD Retransfer Color Printing Gen 2
- Laser 350
- Basic Topcoat
- Datacard CardGard® UV-Curing Topcoat
- Datacard DuraGard® Laminate
- Datacard DuraShield® Overlay
- Secure Indent
- Embossing/Indent Printing
- Topping
- Color Label Printing
- Label Affixing
- Card Flippers
- Single-Card Buffer
- Multi-Card Buffer
- Quality Assurance
- Card Output
- Datacard MXD610™ Card Delivery System
- Datacard MXi610™ Card Envelope Insertion System

**Complete System for Card Personalization, Delivery and Insertion**

Operating a high-volume card issuance program has changed. Smaller job sizes, evolving market dynamics, demand for greater personalization and relentless cost pressure have created complex new challenges. The Datacard MX6100™ card issuance system is uniquely designed to address these challenges at every step of the central issuance process — from card personalization to delivery to insertion.

**One Comprehensive System.** The world’s most advanced inline, central issuance capabilities including: exceptional quality retransfer printing, optimized smart card personalization, end-to-end quality assurance, edge-to-edge color label printing, advanced card delivery and efficient envelope insertion.

**Greater Efficiency.** The MX6100 system is packed with features to handle both extremely personalized, multiple small jobs or high-speed, high-volume runs with ease. Higher-speed personalization modules, powerful system controller software and start-up efficiency enable throughput up to 1,800 cards per hour.

**Smart Card Productivity.** Our innovative smart card module — powered by proven Datacard smart card software — features barrel dual interface design and choice of couplers for any combination of contact, contactless, dual interface or combi smart cards.

**Innovative Inline Technology.** Stunning, high quality edge-to-edge printing on cards and labels helps deliver unique and highly personalized eye-catching designs.

**True Field Modularity.** Modular designs and a common MX Series software platform make it easy to adapt your issuance infrastructure and quickly accommodate surges in demand, expansion into new markets and other operational challenges.

**End-To-End Quality Assurance.** Advanced intelligence built into the MX6100 system enables fully automated, end-to-end quality assurance for data accuracy, aesthetics and correct matching of cards, inserts and forms.

**Complete Inline Solution.** Seamless integration with Datacard card delivery and envelope insertion systems creates a powerful, complete card-to-envelope solution, enabling issuers to efficiently and cost-effectively increase consumer engagement and drive new revenue.
MAKE A BIG IMPACT

With larger card carriers and bold color printing, you now have more opportunity for customized 1:1 marketing that can help you build stronger relationships with your cardholders. Use the extra space for personalized marketing messages that encourage card activation and usage as well as images that reflect the cardholder’s lifestyle and interests. Promote coupons, special offers, advertising and cross-selling opportunities to grow revenue.

MXD610 Card Delivery System

- **Streamlined Data Flow.** Both card personalization and card delivery systems use one set of data and file names — resulting in increased data security and reduced IT interventions.

- **On-demand Color Printing.** High-quality printing helps reduce the need for large inventories of pre-printed forms. Crisp, full-color, near-edge printing makes it easy to add visual impact and promotional content to your mailings.

- **Larger Form Sizes.** This additional real estate is perfect for printing expanded terms and conditions and adding cross-promotional content to your mailers.

- **Print Any Carrier, Any Way You Choose.** No matter what your card program requires, print full-color carriers on demand or feed pre-personalized carriers into the system for a complete high-impact mail piece.

With the MXD610 system, you can choose from the following modules:

- Card Affixing
- Form Buffer
- Form Folders
- Flex-form
- Pre-printed Form Feeder
- Black & White Printer
- Color Printer
- Form Stacker
EFFORTLESS ENVELOPE INSERTION

Bring the reliability and security you need to complete high-quality finished mailings by adding robust inserting capabilities. Include a variety of additional inserts and forms to your card mailings to add a personal touch to each package to help build lasting relationships with your customers.

MXi610 Envelope Insertion System

• **Maximum Uptime and Efficiency.** To drive continuous inline advantages, the MXi610 system offers inline insertion, sealing, and supports inline postage metering. With built-in automation throughout the process, you can save time with minimal operator intervention and rapid job change-over.

• **Flexible Segmentation.** Control your production priorities and drive your system based on business needs. Enhanced functionality allows you to automatically divert mail packages, rank important deliveries, and organize output for efficient distribution.

• **Precise Packages.** Inline verification automatically weighs each package or checks the thickness of each piece to verify that the envelope has the correct cards, carriers and inserts for each cardholder — every time.

• **Ease of Use.** Operators can easily switch between jobs with minimal manual intervention and easy set-up.

• **Customized Packages.** Print on-demand, personalized messaging or static logo graphics on the envelope

With the MXi610 system, you can choose from the following modules:

- Insert Feeder
- Sheet Feeder/Folder
- Accumulator/Folder
- Inserter Base
- Verification
- Standard Divert
- Envelope Printing/ Franking
- High Capacity Vertical Conveyor
Note: MX6100 system modules cannot be used in the Datacard® MX2100™ card issuance system and MX2100 system modules cannot be used in the MX6100 system.