

DATACARD® MX6100™ CARD ISSUANCE SYSTEM **DATACARD® MXD610™ CARD DELIVERY SYSTEM** **DATACARD® MXi610™ CARD ENVELOPE INSERTION SYSTEM**



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
- Durable Graphics Printing
- Graphics Printing Gen 2
- Datacard® Arista® VHD Retransfer Color Printing Gen 2
- Color Printing Gen 2
- Drop on Demand Printing
- Laser 350
- Basic Topcoat
- Datacard® CardGuard® UV-Curing Topcoat
- Datacard® DuraGuard® Laminate
- 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™ 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, UV-cured printing, 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 Technologies. Provide stunning, high quality edge-to-edge printing on cards and labels or sleek & flat card designs with UV-cured printing technologies all inline to help 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, carrier and inserts.

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.

Datacard®

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.

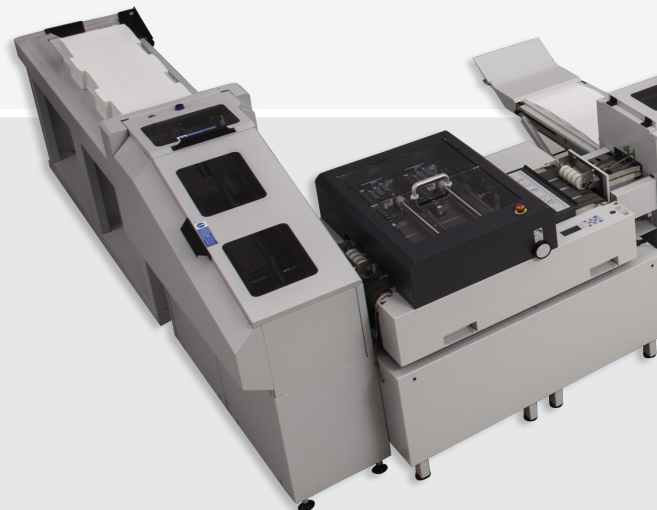
MXD610 Card Delivery System

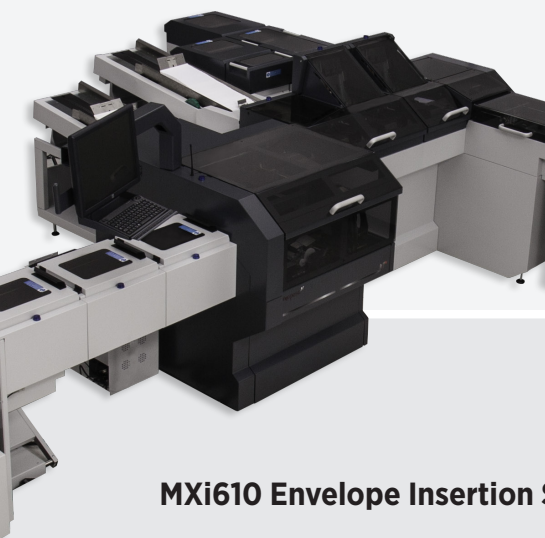
- Streamlined Data Flow.** Both card personalization and card delivery systems use one set of data and file names — resulting in increased data security and reduced IT interventions.
- On-demand Color Printing.** High-quality printing helps reduce pre-printed forms. Crisp, full-color, near-edge printing 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.
- Card Carrier Integrity.** Verification options that help ensure the correct card and carrier are matched to ensure the integrity of the mail package.

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

- Card Affixing
- Black & White Printer
- Form Buffer
- Color Printer
- Form Folders
- Card Carrier Stock & Template Verification
- Flex-form
- Form Stacker
- Pre-printed Form Feeder

COMPLETE CARD-TO-ENVELOPE SOLUTION





MXi610 Envelope Insertion System

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

- **Maximize 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/Standard Capacity
Vertical Conveyor Options

DATACARD® MX6100™ CARD ISSUANCE SYSTEM

MX6100, MXD610 and MXi610 Key System Specifications

Rated Speed	Up to 1,800 CPH
Operating System	Microsoft Windows Embedded Standard 7 OS
Template Management	Microsoft Word 2013
Maximum Configuration	MX6100: Up to 28 personalization modules MXD610: Up to 1 system per personalization system MXi610: Up to 1 system per MXD610 system
Cards Per Form	Up to 4 cards on middle and/or lower panels
Printer Ready Data	PCL (black and white), PDF
Electrical Requirements	MX6100: 230V, 50/60Hz, 15 Amps MXD610: 230V, 50/60Hz, 30 Amps MXi610: 230V, 50/60Hz, 30 Amps
Operating Requirements	Room temperature: 65° to 80° F (18° to 27° C); Humidity: 35% to 85% (non-condensing) Recommend service area around system be at least 36" (76.2 cm) to help provide adequate airflow See module datasheets for specific information
Storage Requirements	Room temperature: 50° to 130° F (10° to 54° C); Humidity: 0% to 85% (non-condensing)
Agency Approvals	FCC, UL, cUL, CE and RoHS Compliant.
Card Types Supported	ISO/IEC 7810 ID-1 Size; 30 mil (+/- 10%)
Card Materials Supported	Most card materials can be processed, including PVC, composite, polycarbonate, ABS, PET and PETG. Limitations may exist for each personalization or verification technology.
Paper Types Supported	20-24 lb bond paper (90.3 gsm) See Datacard Card Delivery Paper/Envelope Guidelines

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.

INTELLIGENT END-TO-END ISSUANCE

