DATACARD® MX6100™ CARD ISSUANCE SYSTEM
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™ inline 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, 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.

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-finished-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.

With the MXD610 system, you can choose from the following modules:
- Card Affixing
- Form Buffer
- Form Folder
- Flex-form
- Pre-printed Form Feeder
- Black & White Printers
- Color Printers
- Form Stacker

MXD610 Card Delivery System

- **On-demand color printing**. High-quality printing reduces the need for large inventories of preprinted forms. Crisp, full-color, near-edge laser 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 to complete any type of mailing with any size paper.
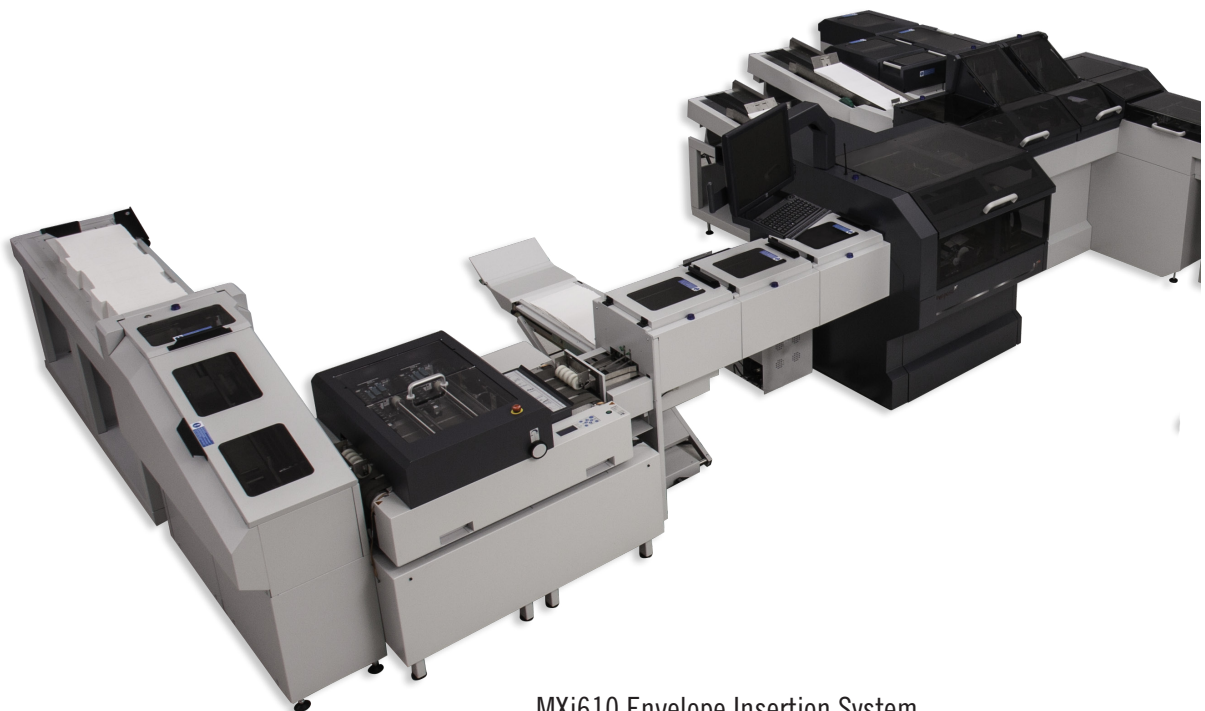
EFFORTLESS ENVELOPE INSERTION

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

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*

MXi610 Envelope Insertion System

- **Achieve high productivity.** 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.
- **Flexible segmentation.** Control your production priorities and drive your system based on business need. 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
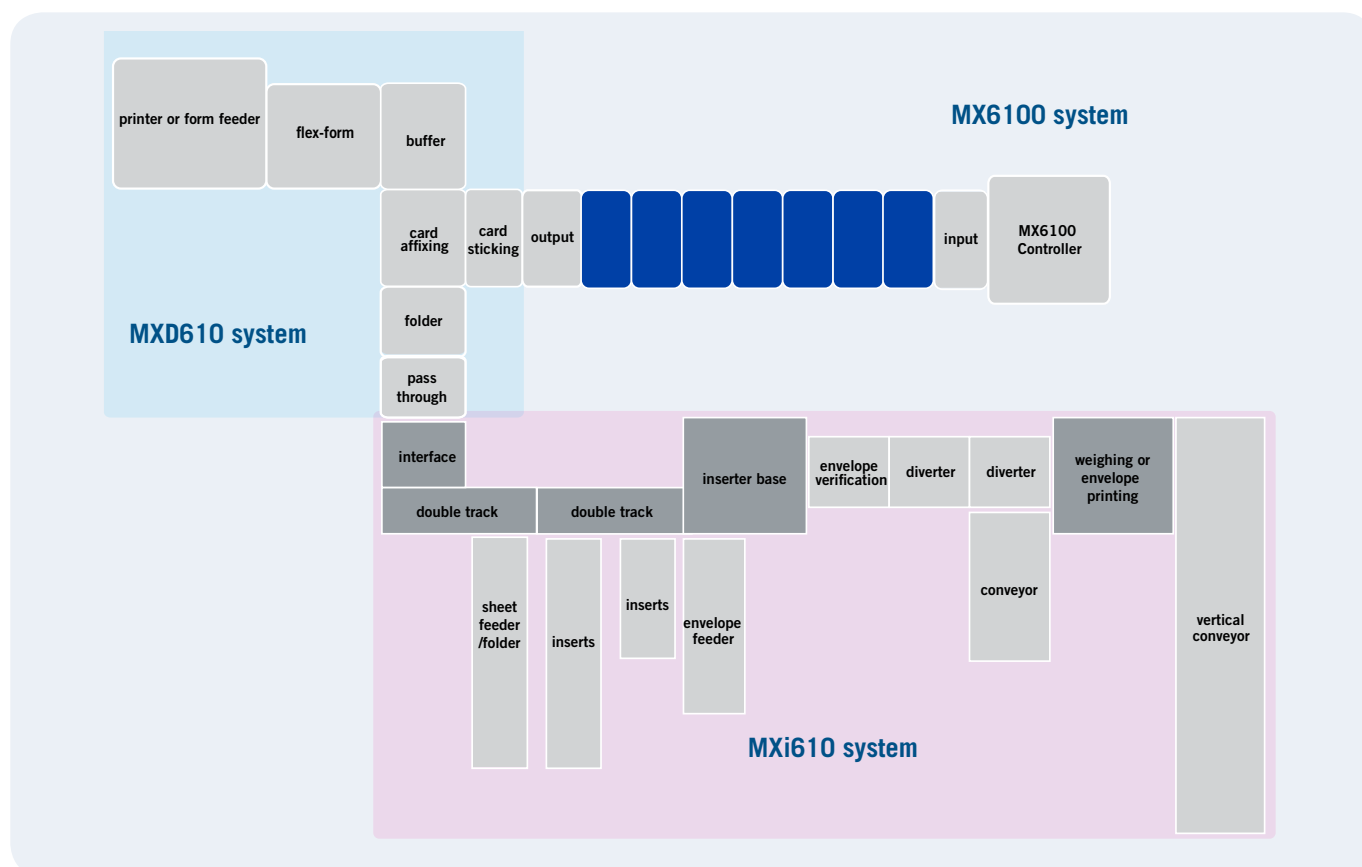

MXi610 Envelope Insertion System

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 modules
	MXD610: 1 system per personalization system
	MXi610: Up to 1 system per MXD system
Cards Per Form	Up to 4 cards anywehre on form
Printer Ready Data	PCL (black and white), Postscript (color), 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: 20% to 85% (non-condensing)
Storage Requirements	Room temperature: -50° to 130° F (-46° to 54° C); Humidity: 0% to 100% (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

Datacard®

Phone: +1 952 933 1223

www.datacard.com

info@datacard.com