

# **DATACARD® MX2100™ CARD ISSUANCE SYSTEM** **DATACARD® MXD210™ CARD DELIVERY SYSTEM** **DATACARD® MXI211™ CARD ENVELOPE INSERTION SYSTEM**



## **ADVANCED TECHNOLOGY** **END-TO-END**

True field modularity gives you real choices. Choose from the following modules to configure your MX2100 system.

- System Controller
- Card Input
- Card Cleaning
- Vision Verification Gen 2
- Magnetic Stripe Encoding
- OCR-B/Barcode Scanner
- Smart Card Personalization
- Durable Graphics Printing
- Graphics Printing Gen 2
- Single-Step Color Printing
- Laser 325
- Basic Topcoat
- Datacard® CardGard® UV-Curing Topcoat
- Datacard® Duragard® Laminate
- Secure Indent
- Embossing Indent Printing
- Secure Indent Printing
- Topping
- Label Affixing
- Card Flippers
- Multi-Card Buffer
- Quality Assurance
- Card Output
- Datacard® MXD210® Card Delivery System
- Datacard® MXI211® Envelope Insertion System

## Affordable Issuance from Card to Finished Mail Package

The Datacard® MX2100™ card issuance system is a highly economical and forward-thinking choice for card issuers who want true field modularity, affordability, and the latest high-volume technology. This system features innovative automated end-to-end quality assurance capabilities, exceptionally productive smart card handling, and UV-cured printing in a remarkably small footprint. When combined with our inline card delivery and envelope insertion systems, the MX2100 system provides a true card-to-finished-envelope solution.

**Perfect Integration of Speed and Economy.** A truly economical system for small job processing or longer runs, the system offers up to 1,200 personalized cards per hour — and the industry's leading high-volume technologies in an affordable system.

**True Field Modularity.** The MX2100 system is the industry's most affordable high-volume solution that offers true field modularity and strong investment protection. More than simple "configurability," it allows you to start with the capabilities you need today, then add capacity or new technologies — with truly field-installable modules — as your needs change.

The MX2100 system is driven with a common software platforms shared by the entire MX Series family.

**Quality Assurance Breakthroughs.** New automated inline quality assurance greatly reduces errors and waste by automatically verifying physical and electronic card elements. These capabilities reduce the need for manual inspection and directly contribute to high throughput and lower costs.

**A Complete Card-to-Envelope Solution.** The MX2100 system seamlessly integrates with the Datacard® MXD210™ system and the Datacard® MXI211™ envelope insertion system. In one inline process, you can customize and personalize mailings, affix cards, print forms and place inserts into envelopes selectively and securely.

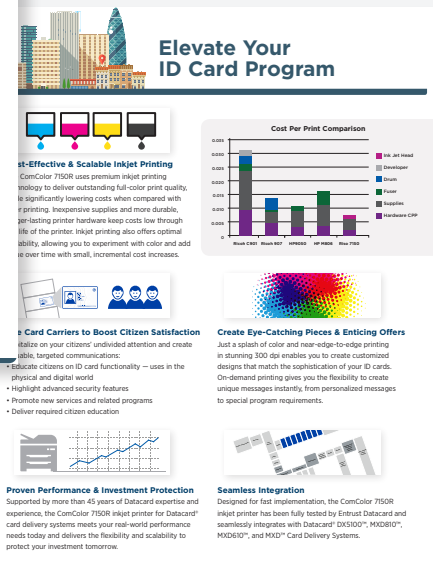
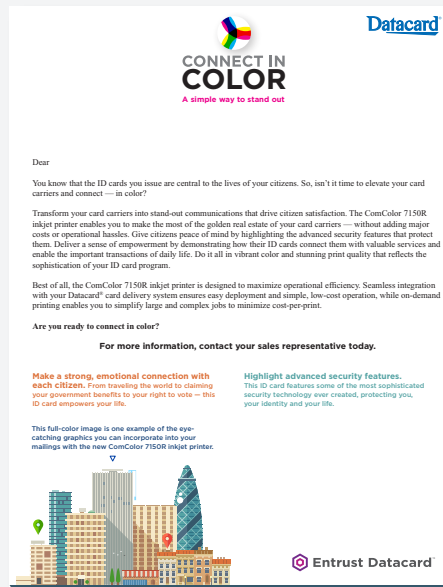
**Datacard®**

## **MAKE AN IMPACT WITH INLINE CARD DELIVERY**

Take advantage of incredibly powerful ways to differentiate your brand and your card program. Create card carriers with customized 1:1 messages — use the space to encourage card activation, add promotional coupons and cross sell other products and services. Add variable data to personalize your mailings to make your messages stand out.

### **MXD210 Card Delivery System**

- **Reduce production steps and increase throughput.** Discover the power of inline card delivery. Print personalized messages for cardholders, then affix cards with no manual intervention or slowing down productivity.
- **Card flexibility.** Place up to four cards per form on either the middle and/or lower panels. This additional template and card placement flexibility accommodates a wider range of high-impact marketing campaigns.
- **Increased production integrity.** Reduce human error and help ensure card-to-form integrity by leveraging the automated bar code verification process. Multiple verifications provide increased audit control and data integrity.
- **Print on demand.** Leverage black & white printing inline, to feed pre-printed sheets into the system



With the MXD210 system, you can choose from the following modules:

- Card Affixing
- Form Buffer
- Form Folders
- Form Stacker
- Black & White Laser Printer

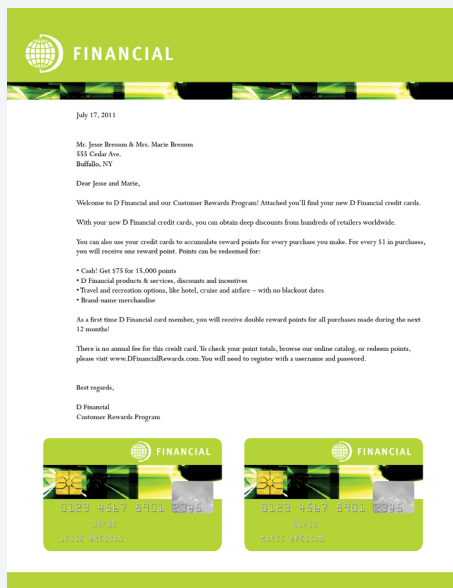


## IMPROVE EFFICIENCY AND CREATE CUSTOM CARD MAILINGS

Bring the reliability and security you need to finished mailings by adding the inserting and folding technologies of the MXi211 system to your inline issuance process.

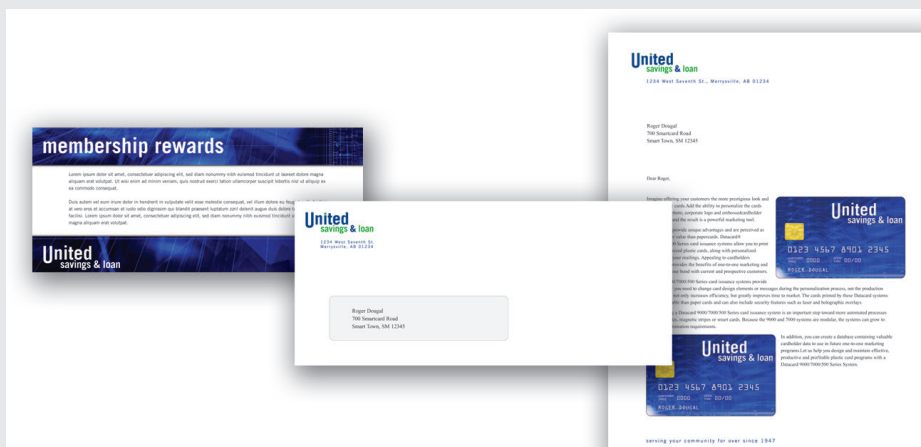
### MXi211 Envelope Insertion System

- **Increase productivity.** The MXi211 system offers inline insertion and sealing and supports postage metering. The system requires very minimal operator intervention.
- **Enhance security.** Because the entire issuance process occurs inline, it substantially reduces the risk of lost or stolen cards.
- **Mix and match.** Choose from the single-insert feeder, a dual-station tower feeder that loads two inserts and helps save space, or the integrity verification feeder that helps ensure the proper inserts are loaded, reducing errors.
- **Maximize marketing impact.** Select unique inserts for individual cardholders during the same print job and data stream. Process more customized mailings per hour with fewer interruptions for job setup.



With the MXi211 system, you can choose from the following modules:

- Standard Insert Feeder
- Integrity Insert Feeder
- Tower Insert Feeder
- Inserter Base and Envelope Feeder
- Envelope Stacker

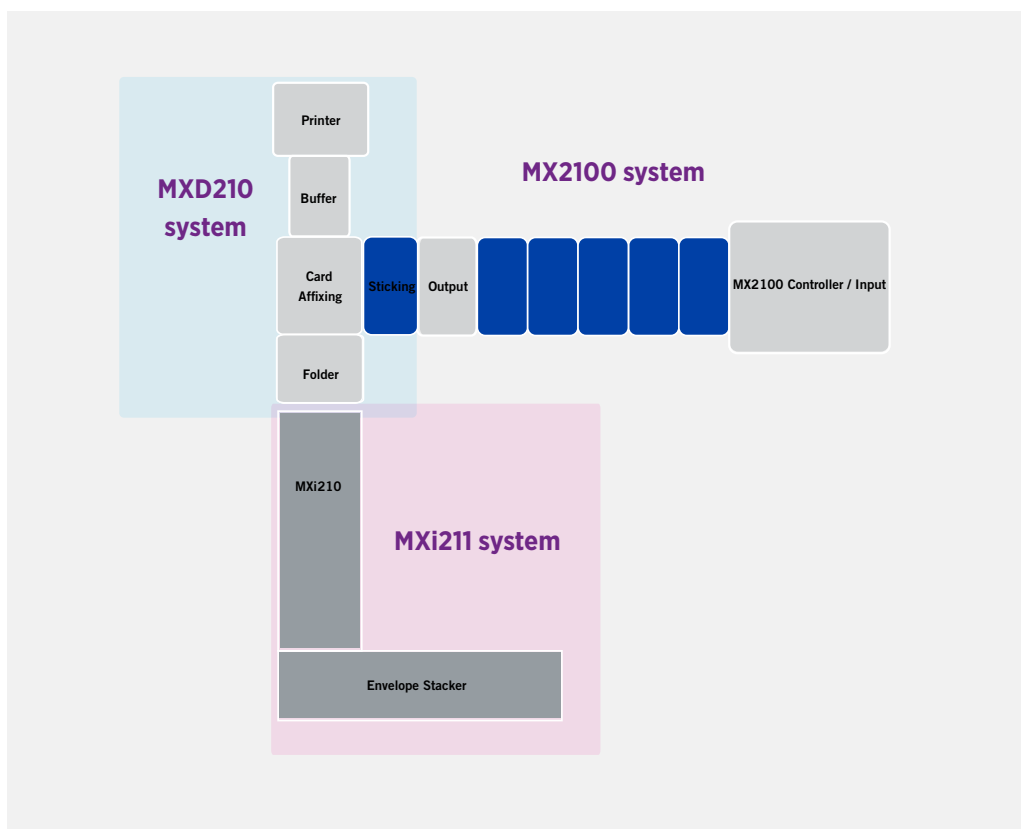


# DATACARD® MX2100™ CARD ISSUANCE SYSTEM

MX2100 Key System Specifications	
Rated Speed	Up to 1,200 CPH
Operating System	Microsoft Windows Embedded Standard 7 OS
Template Management	Microsoft Word 2013
Maximum Configuration	MX2100: Up to 9 personalization modules (not including base system, card input, card cleaning, vision verification, quality assurance, multi-card buffer, and card flipper) MXD210: Up to 1 system per personalization system MXi211: Up to 1 per MXD210 system, up to 7 insert modules (up to 14 insert stations with tower feeder)
Cards Per Form	Up to 4 cards on middle and/or lower panels
Printer Ready Data	PCL (black and white), PDF
Electrical Requirements	MX2100: 230V, 50/60Hz, 15 Amps MXD210: 230V, 50/60Hz, 15 Amps MXi211: 230V, 50/60Hz, 15 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 Supporte	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	20-24lb bond paper (90.3gsm) See Datacard Card Delivery Paper/Envelope Guidelines

Note: MX2100 system modules cannot be used in the Datacard® MX6100™ card issuance system and MX6100 system modules cannot be used in the MX2100 system.

## EVERYTHING YOU NEED — INLINE



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