



SOLUTION BROCHURE

# Datacard<sup>®</sup> MX Series System

MX2100<sup>™</sup> MXD210<sup>™</sup> MXi215<sup>™</sup>



**ENTRUST**

SECURING A WORLD IN MOTION



## Make an affordable move to the world of modularity

The Datacard® MX Series solution provides the industry's most affordable high-volume card issuance system that offers true field modularity for mid-to-small sized card operations with growth in mind. Card issuers can take advantage of adding inline card delivery and envelope insertion to streamline operations and increase security to deliver completed mail-ready packages.

# Full suite of flat card personalization and delivery solutions

## Datacard® MX2100™ Card Issuance System

Our most affordable central issuance platform that offers true modularity. You can configure the system with the exact personalization capabilities you need, then add new modules as your card designs and card volumes change. Up to 1,200 CPH rated speed makes this an ideal system for mid-sized service bureaus or smaller in-house operations with aggressive growth plans.

## Advanced Technology End-To-End

- System Controller Gen 2
- Card Input Gen 2
- Metal Card Input
- Card Cleaning Gen 2
- Vision Verification Gen 3
- Magnetic Stripe Encoding Gen 2
- Card Scanner Gen 2
- Smart Card Personalization Gen 2
- Durable Graphics Printing Gen 2
- Graphics Printing Gen 3
- Single-Step Color Printing
- Drop on Demand Printing Gen 2
- Duplex Drop on Demand Printing
- Duplex DoD Lite Printing
- Laser 425F
- Laser 430G
- Basic Topcoat Gen 2
- Datacard® CardGard® UV-Curing Topcoat
- Datacard® DuraGard® Laminate
- Secure Indent
- Embossing Gen 2
- Topping Gen 2
- Label Affixing Gen 2
- Card Flipper Gen 2
- Multi-Card Buffer Gen 2
- Quality Assurance
- Card Output Gen 2
- Metal Card Output
- Datacard® MXD211™ Card Delivery System
- Datacard® MXi215™ Envelope Insertion System



# Configure the right solution to meet your card issuance needs

**Powerful integrated software:** Controller Software provides a single interface for all interactions with the MX2100 System. This powerful software manages seamless access to the system, enables easy creation of card and job setups, and tracks production level audits to drive efficiency and help enable operational security.

**Unique technologies:** Supports proven card personalization technologies as well as advanced UV-curing in both monochrome or full-color printing and laser engraving in a compact, affordably priced footprint.

**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 platform shared by the entire MX Series family.

**Smart card productivity:** An innovative smart card module — powered by Adaptive Issuance™ Chip Interface Software — offers flexibility and high-speed processing of contact, contactless, dual interface, or combi smart cards in a smaller system footprint. Scalable to meet growing demands.

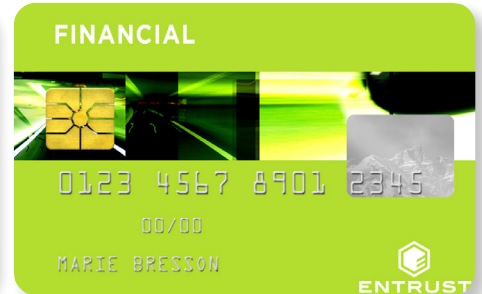
**Advanced quality assurance:** Greatly reduce errors and waste by automatically verifying physical and electronic elements inline. These capabilities reduce the need for manual inspection and directly contribute to higher throughput and lower costs.

**Service and support:** The MX Series platform is supported by the industry's largest service and support network, which spans more than 150 countries worldwide. Online and phone support is available 24/7.



MX2100 Card Issuance System

# Streamline card operations and increase security



**Treasury Department**


Mr. Mayako Chen  
123 Elm Street  
Anytown 12345

Your Disaster Relief Debit Card contains the money you're receiving from the Treasury Department as part of the Disaster Relief Fund. Please review your terms, card limit, and instructions to activate your card.

- Pay bills anywhere the card is accepted: in-person, online, or by phone
- Get cash back at the register with PIN debit purchases
- Get cash surcharge-free at any in-network ATM

Please note: Your card has a non-refillable limit of \$25,000. It is your responsibility to monitor this limit and adhere to the terms of the Disaster Relief Debit Card.

**Call 1-800-123-4567 or visit mybenefitcard.gov/activate**



**Activate your card now**  
You can activate your card online or by phone:

<b>ONLINE</b>	<b>PHONE</b>
1. Go to mybenefitcard.gov/activate.	1. Call our toll-free activation line at 1-800-123-4567 from the phone number associated with your account.
2. Follow the prompts to enter your card information and verify your identity.	2. Follow the automated prompts to enter your card information and verify your identity.

Once activated, your card will immediately be ready to use for purchases.




**FINANCIAL**

Mr. Brody Smith  
123 Elm Street  
Anytown 12345

**Activate Now**  
TO START EARNING REWARDS!

Thank you for choosing the Financial Bank TravelPerks Card™ – the card that comes with a host of benefits tailored to travelers like you. Exciting adventures await! But first you must activate your card.

**Call 1-800-123-4567 or visit www.mycard.com/activate**

**FINANCIAL**

July 17, 2011

Mr. Jesse Bresson & Mrs. Marie Bresson  
555 Cedar Ave.  
Buffalo, NY

Dear Jesse and Marie,

Welcome to D Financial and our Customer Rewards Program! Attached you'll find your new D Financial credit cards.

With your new D Financial credit cards, you can obtain deep discounts from hundreds of retailers worldwide.


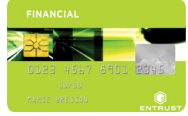
You can also use your credit cards to accumulate reward points for every purchase you make. For every \$1 in purchases, you will receive one reward point. Points can be redeemed for:

- Cash! Get \$75 for 15,000 points
- D Financial products & services, discounts and incentives
- Travel and recreation options, like hotel, cruise and airfare – with no blackout dates
- Brand-name merchandise

As a first time D Financial card member, you will receive double reward points for all purchases made during the next 12 months!

There is no annual fee for this credit card. To check your point totals, browse our online catalog, or redeem points, please visit www.DFinancialRewards.com. You will need to register with a username and password.

Best regards,  
D Financial  
Customer Rewards Program

## With the MXD211 System, you can choose from the following modules and options:

- Card Affixing
- Form Buffer
- Form Folder
- Form Stacker
- Black & White Laser Printer
- Color Inkjet Printer

# 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 and make your messages stand out.

## DATACARD® 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 and white printing inline, feeding pre-printed sheets into the system.



MXD210 Card Delivery System

# 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 MXi215 System to your inline issuance process.

## DATACARD® MXi215™ ENVELOPE INSERTION SYSTEM

**Increase productivity:** The MXi215 System offers inline insertion and envelope sealing. 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.



# Complete card-to-envelope solutions

Increase throughput and productivity by printing card carriers, affixing cards to carriers, and inserting them into envelopes completely inline.

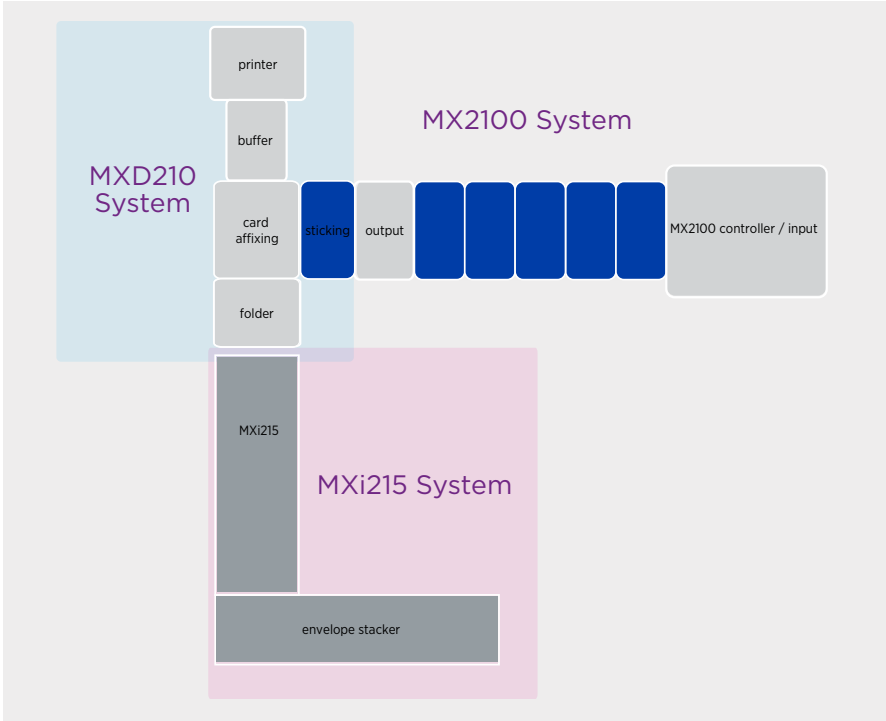


MXi215 Envelope Insertion System

With the MXi215 System, you can choose from the following modules:

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

## Everything You Need - Inline



# Datacard® MX Series Systems

MX2100™, MXD211™, MXi215™

## TECHNICAL SPECIFICATIONS

MX2100 System Specifications	
Rated Speed	Up to 1,200 CPH
Operating System	Microsoft® Windows® 10 IoT Enterprise 2021 LTSC
Template Management	Microsoft® Word 2019
Maximum Configuration	<ul style="list-style-type: none"><li>• MX2100: Up to 9 personalization modules (not including Base System, Card Input Gen 2, Card Cleaning Gen 2, Vision Verification Gen 3, Quality Assurance Gen 2, Multi-card Buffer Gen 2, and Card Flipper Gen 2)</li><li>• MXD210: Up to 1 system per personalization system</li><li>• MXi215: Up to 1 per MXD210 System, up to 7 Insert Modules (up to 14 insert stations with tower feeder)</li></ul>
Cards Per Form	Up to 4 cards on middle and/or lower panels
Printer Ready Data	PCL (black and white), PDF
Electrical Requirements	<ul style="list-style-type: none"><li>• MX2100: 230V, 50/60Hz, 15 Amps</li><li>• MXD211: 230V, 50/60Hz, 15 Amps</li><li>• MXi215: 230V, 50/60Hz, 15 Amps</li></ul>
Operating Requirements	<ul style="list-style-type: none"><li>• Room temperature: 65° to 80° F (18° to 27° C); Humidity: 35% to 85% (non-condensing)</li><li>• Recommend service area around system be at least 36 in. (76.2 cm) to help provide adequate airflow.</li><li>• See module data sheets for specific information</li></ul>
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 (90.3gsm) See Card Delivery Paper/Envelope Guidelines.

**Note:** MX2100 System modules cannot be used in the Datacard® MX6100™ System and MX6100 System modules cannot be used in the MX2100 System.



## ABOUT ENTRUST

Entrust is an innovative leader in identity-centric security solutions, providing an integrated platform of scalable, AI-enabled security offerings.

We enable organizations to safeguard their operations, evolve without compromise, and protect their interactions in an interconnected world – so they can transform their businesses with confidence. Entrust supports customers in 150+ countries and works with a global partner network. We are trusted by the world's most trusted organizations.