

# ENHANCED DATACARD® MXD™ CARD DELIVERY SYSTEM



## GAME-CHANGING CAPABILITIES FOR YOUR CARD PROGRAM

*The new enhanced Datacard® MXD™ card delivery system offers powerful marketing and operational benefits.*

- Add marketing messages, coupons, promotions and more — on demand
- Eliminate or reduce the need for preprinted card carrier stock
- Print carriers up to 11" x 17"/A3
- Securely and accurately affix up to four cards per carrier
- Produce up to 3,000 mail packages per hour
- Combine with the Datacard® MXi™ envelope insertion system for a complete inline solution — personalized card carriers to ready-to-mail packages
- Choose inline or offline card delivery to meet your unique operational needs

## Add life and strong differentiation to your card program

The new enhanced Datacard® MXD™ card delivery system truly transforms card carriers from plain, ordinary documents to powerful marketing platforms. With on-demand color printing and more carrier space you can add highly personalized marketing messages and other information to mailers to achieve business goals — including increased card activation and revenue per card.

- **NEW! On-demand color printing.** Crisp, full-color laser printing makes it easy to add visual impact and promotional content to your mailings. You can print text, logos, coupons, promotional offers, co-branding information and other graphic elements on both sides of the form. Use these capabilities to differentiate your brand, promote your offerings and increase 1:1 marketing content.
- **NEW! Larger size forms.** You can print full-color images — and affix up to four cards — on card carriers up to 11" x 17"/A3. This additional real estate, combined with full-color printing capabilities, is perfect for adding coupons, promotional offers or co-branding and cross-promotional content to your mailers.
- **True cost savings and operational efficiency.** High-quality, on-demand printing reduces the need for large inventories of preprinted forms. In fact, you can go from blank white stock to finished mailings and eliminate preprinted form inventories altogether. A modular design enables customers to run the enhanced MXD system either inline with card personalization solutions or offline with the MXD Mailer system, depending on operational needs.

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LIFE**

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## Preliminary Module Specifications

Systems supported	Datacard® Maxsys®, MX6000™ and MX2000™ Card Issuance Systems; and Datacard® MXD™ Mailer Card Delivery System	
Functionality	Card delivery system that combines card affixing and forms folding utilizing a personalized carrier. System configurations are available both inline with card personalization or offline with card delivery only. System architecture accommodates multiple carrier sizes and on-demand printing in black & white or full color.	
<b>BASE SYSTEM</b>		
Paper size	Supports 8.5 x 11 in. and A4	
Folding configurations	Six software-selectable folding configurations: <ul style="list-style-type: none"> <li>• C-fold: non-standard</li> <li>• C-fold: standard</li> <li>• Z-fold: address top</li> <li>• Z-fold: address bottom*</li> <li>• Half-fold: address back-side up</li> <li>• Half-fold: address back-side bottom</li> </ul> <i>*Note: Not supported with 8.5" x 14" paper sizes</i>	
Card affixing	<ul style="list-style-type: none"> <li>• Affixes up to four cards per carrier (top carrier if nested)</li> <li>• Transparent, double-sided, pressure-sensitive tape</li> <li>• Cards can be affixed, removed and easily re-affixed</li> </ul>	
System dimensions	50.0 in. H x 140.0 in. W x 127.0 in. D (127.0 cm x 355.6 cm x 322.0 cm)	
Weight	950.0 lbs (430.0 kg)	
<b>OPTIONAL COMPONENTS</b>		
Flex-form module	Supports non-standard form sizes: 8.5 x 14 in., 11 x 17 in., A3 <ul style="list-style-type: none"> <li>• Dimensions: 44 in. H x 27.1 in. W x 33.1 in. L (111.8 cm x 68.9 cm x 84.1 cm)</li> <li>• 353 lbs. (160 kg)</li> <li>• 3.4 Amps (operating)</li> </ul>	
Dual page nesting	Allows two forms to be nested together prior to folding (A4 and 8.5 x 11 in. only)	
High speed folder	Second folder required for speeds greater than 2,000 forms per hour	
Black & white printers	RICOH Pro 907 <ul style="list-style-type: none"> <li>• Up to 90 ppm</li> <li>• 34.25 in. H x 75.0 in. W x 26.0 in. L (87.0 cm x 190.5 cm x 66.0 cm)</li> <li>• 705 lbs. (320 kg)</li> <li>• 7.3 Amps (peak)</li> <li>• 600 dpi</li> </ul>	HP® LaserJet 9050dn <ul style="list-style-type: none"> <li>• Up to 50 ppm</li> <li>• 25.5 in. H x 24.0 in. W x 24.0 in. L (64.8 cm x 61.0 cm x 61.0 cm)</li> <li>• 134.6 lbs. (61.2 kg)</li> <li>• 4.5 Amps (peak)</li> <li>• 600 dpi</li> </ul>
Color printer	RICOH Pro C901 laser printer <ul style="list-style-type: none"> <li>• 90 ppm Full-color &amp; Monochrome</li> <li>• 50.4 in. H x 39.0 in. W x 64.5 in. L (1280 cm x 990 cm x 1640 cm)</li> <li>• 1389 lbs. (630 Kg)</li> <li>• 600 dpi</li> <li>• 30 Amps (peak), requires 30 Amp breaker</li> <li>• Optional large capacity carrier tray available</li> </ul>	
MXD form stacker	Holds up to 250 folded single-sheet forms Dimensions: 7.0 in. W x 54.0 in. L (17.8 cm x 137.16 cm) Weight: 89.0 lbs (40.37 kg) Standard when no Datacard® MXi™ Envelope Insertion System is being utilized	
Form/envelope High-capacity stacker	Holds up to 650 folded single-sheet forms Turn section dimensions: 10.0 in. W x 46.0 in. L (25.4 cm x 114.3 cm) Elbow dimensions: 10.0 in. W x 57.0 in. L (25.4 cm x 144.8 cm) Total weight: 150.0 lbs (68.0 kg) (Requires a separate 220 volt 15 amp power connection)	
<b>PAPER SPECIFICATIONS AND TEMPLATE MANAGEMENT</b>		
Paper smoothness	100-200 Sheffields	
Paper weight	24-28 lb. bond	
Templates	Microsoft® Word	
Printer-ready data	PCL (black & white), PostScript (color), PDF (color*)	
<b>KEY SYSTEM SPECIFICATIONS</b>		
Electrical specifications	Power consumption of full system excluding printer is 18.51 Amps Heat dissipation: 13,895 BTUs	
Environmental requirements	Storage temperature: 50° to 130° F (10° to 54° C) Storage humidity: 0% to 100% (non-condensing) Operation temperature: 65° to 80° F (18° to 27° C) Operation humidity: 0% to 100% (non-condensing) requirements	
Agency Approvals	UL, cUL, CE and RoHS Compliant	

\*Note: Printer-ready data created with the RICOH Pro C901 driver is supported. Other printer-ready data may require testing.

## DatacardGroup

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