

ENTRUST DATACARD™ CE875™ INSTANT ISSUANCE SYSTEM



ENHANCE SECURITY AND CARDHOLDER SATISFACTION

Entrust Datacard™ instant issuance solutions — including the new CE875™ system — empower you to issue cards anywhere, anytime you choose.

This allows you to create card programs that align perfectly with emerging consumer demands for customization, personalization, flexibility and on-demand service.

With printing, encoding and embossing now possible with one system, providing a cost effective instant issuance solution has never been easier.

You can give cardholders instant purchasing power and begin generating card-based revenue immediately.

Issue high-quality, personalized embossed financial cards instantly

With instant issuance, customers get customized financial cards and immediate purchasing power — which means more revenue, higher activation rates, increased card usage and enhanced customer loyalty. This secure system delivers cards with high resolution imagery, bold, accurate graphics and uncompromised security — making it ideal for a wide range of programs.

Choose from state-of-the-art printing and personalization technologies

Superior, over-the-edge retransfer color printing.

- Print stunning card designs that stand out from the crowd — with photo-quality imagery, high resolution and extreme precision
- Minimize card inventory, simplify management and lower preprinting costs by using blank stock to generate standard and custom cards
- Produce highly durable cards using pigment inks — which naturally create longer lasting images
- Encode magnetic stripes and contact and contactless EMV cards to ISO standards
- Enhance durability of card with ability to apply two layers of retransfer film
- Reduce interaction with printer; matched supplies ensure color ribbon and retransfer material are consumed at same rate

Exceptional embossing

- Built on proven technology, the CE875 system offers embossing and indent printing of up to 150 characters. High-quality embossing enhances the appearance and security of your financial cards.

Strong program security

- Enhance security by protecting card stock, supplies and rejected cards with dual-control access
- to the card issuing system, complying with Visa and Mastercard security requirements
- Protect sensitive data from unauthorized interception during network transmission with
- SSL/TLS 1.2 encryption
- Prevent system startup if malware is detected with Secure Boot
- TPM Module, included in every printer, is used as a secure location to insert, manage and remove
- user-specific certificates and keys

Part of a complete solution. The CE875 system offers seamless compatibility with Datacard CardWizard® issuance software Datacard® Adaptive Issuance™ Remote Monitoring and Management Software Look to Entrust Datacard for fully integrated financial instant issuance offerings, including hardware, software, global services and supplies.

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CE875 Instant Issuance System Features and Specifications

Print technology

Retransfer pigment ink
Print resolution

600 dots per inch (dpi)

Print speed

Full color printing

CMYP-KPi – up to 66 cards per hour (cph)

CMYKP-KPi – up to 60 cards per hour (cph)

Print capabilities

Single or Dual-sided, over-the-edge printing

Color modes

True Color (ICC) – prints colors of the image as defined in the card design

Legacy SR/CR – close match to the CR500 Instant Issuance System

Vivid – printer colors with higher saturation and contrast

Card capacity

Card thickness: 0.030 inches (0.76 mm) – ISO ID1/CR-80

Automatic card feed with 125-card input hopper based on 0.030 in. card thickness

Output hopper: 10-card capacity | Reject bin, up to 10-card capacity

(Optional) Multi-Hopper: Six-compartment multi-hopper; six 125-card Hoppers; 750-card total capacity

Card types accepted

ISO ID1/CR-80

3.370 in. x 2.125 in. (85.60 mm x 53.98 mm)

PVC, PVC composite, PET, PET-G, Polycarbonate

Embossing/Indent

75-character embossing/indenting wheel, financial format per

ID-1 ISO 7811-3

Indent front, rear or both sides of card

MasterCard security characters | Helvetica® characters |

OCR-A1, OCR-B1

Speed

90 seconds to encode mag stripe, indent, emboss and top the card

94 seconds to print, encode mag stripe, indent, emboss and top the card

108 seconds to print color graphics, encode mag stripe, indent, emboss and top the card

Magnetic stripe encoding

IAT/ISO magnetic stripe encoding

Optional JIS magnetic stripe encoding

HiCo/LoCo 1,2, and 3 track encoding

EMV Smart Card Encoding

Ethernet and USB

Single-wire connectivity

Contact/Contactless read/write EMV encoding

ISO 7816 T=0 & T=1

ISO 14443 A/B

Security features

SSL and TLS 1.2 encryption supports Triple DES and AES-128 Electronic (through Datacard® CardWizard®) and mechanical locks (meets VISA and MasterCard requirements)

Bolt-down provision for securing printer to work area TPM Module standard; utilize with RMM for secure location to insert, manager and remove user-specific certificates and keys

Secureboot prevents system startup if malware is detected Kensington style lock compatible (lock sold separately) Concealed output hopper

Display

2-line LCD display

User interface languages available: English, Spanish, German, Italian, Japanese

Weight

Top module (input hopper, printing, encoding):

28 lbs. (12.7 kg) – options may vary

Bottom module (indenting, embossing, topping, card output): 40 lbs. (18.1 kg)

Physical dimensions

Top module

L 21.4 in. x W 10.1 in. x H 15.6 in.

(54.34 cm x 25.53 cm x 39.68 cm)

Bottom module (embosser)

L 27.5 in. x W 15 in. x H 10.5 in.

(69.9 cm x 38.1 cm x 26.7 cm)

Connectivity

Ethernet

IPv4 and IPv6

Operating environment

60° F to 95° F (15° C to 35° C)

20% to 80% non-condensing humidity

Storage environment

5° F to 131° F (-15° C to 55° C)

20% to 80%, non-condensing humidity

Electrical requirements (dual voltage, autosensing)

100/120 V, 50/60 Hz

220/240 V, 50/60 Hz

Warranty

12-month system warranty

CE875 Instant Issuance System Options

Embossing

Second 75-character wheel for embossing

Option to add regional or language-specific characters

CE875 Instant Issuance System Software Compatibility

Compatible with Datacard® CardWizard® instant issuance software and Datacard® Adaptive Issuance™ Remote Monitoring and Management software

Your complete financial instant issuance solution

Manage your card programs the way you want — with exceptional security, reliability and flexibility. The Entrust Datacard™ CE875™ instant issuance system works seamlessly with Datacard® software, certified supplies and global services to give you a complete financial instant issuance solution.

Software

Datacard® CardWizard® software is a proven and reliable solution for instant issuance of credit, debit and ATM cards. Instantly issue a wide variety of financial cards on-demand and drive new revenue for your financial card program.

Supplies

Datacard® Certified Supplies help you produce highly secure cards instantly. Count on superb image quality and optimize the performance of your Entrust Datacard™ issuance system.

Services

Entrust Datacard Global Services and our worldwide network of authorized service providers are available to answer any questions or promptly address service issues. Backed by more than 40 years of experience, our skilled professionals provide a full range of technical support for your card program.



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