



Entrust Datacard™

Release Notes

Entrust Datacard™ Desktop Retransfer Series Printer Firmware

This document provides a summary of the new features and updates to the desktop retransfer printer firmware.

Version Information

Firmware Version	R4.10.1-3
Release Date	July 2019
Changed from Prior Released Version	R4.9.4-12
Component Versions: <ul style="list-style-type: none">• Printer Application• Printer BSP• Embosser• Laminator• Multi-Hopper• Laser• Duali Smart Card Reader (Large Memory)• HID Omnikey Smart Card Reader	<ul style="list-style-type: none">• R4.10.1-3• R4.1.14-0• E1.1.49-1• L1.1.6-13• M1.1.1-13• Z1.1.0-302• DE-ABCM_L_DC2_161214• HID Global 5127 CK 01000069

Affected Printers

- Entrust Datacard™ CR805™ Retransfer Card Printer
- Entrust Datacard™ CR825™ and CE875™ Instant Issuance Systems
- Entrust Datacard™ CL900™ Desktop Laser Personalization System

Supported Languages

- **2-Line LCD:** English, French, German, Italian, Portuguese, Spanish, Japanese, Katakana
- **Printer Manager:** English, Japanese, German, Italian, Polish, Spanish, Portuguese, Korean, Simplified Chinese, Traditional Chinese, Arabic

New Features

- Printers at R4.10.1 are cloud-ready. When application software becomes available, the printer can support cloud-connected printer monitoring and card production.

Security Updates

- The PHP component embedded in the printer has been updated to PHP version 7.1.9.

Improvements

- Added the ability to control the printhead power for monochrome printing separately (**Print > HeadPowerMonochrome**). This requires service-level access and should be done only to correct issues with black text or bar code print quality.
- Added a laminator setting to control the amount of time the laminator L2 heater is fully powered. On some printers, the card entering the laminator is warm enough that the current time of three seconds (3000 ms) of full power causes the L2 heater to report an error.
 - Setting name: **L2HeaterBoostTime**
 - Setting Location: **Laminator** menu
 - Access Level: **WebAdmin**
 - Default value: **3000** ms
 - Possible values: **500 – 3000** ms
- Added the following smart card settings to adjust behavior of the single-wire smart card personalization process. Use these settings under the direction of a trained service technician.
 - Setting name: **SmartcardPostConnectDelay**
 - ◆ Setting Location: **Behavior** menu
 - ◆ Access Level: **WebAdmin**
 - ◆ Default value: **400** ms
 - ◆ Possible values: **0 – 5000** ms
 - ◆ Description: The number of milliseconds to wait after the smart card reader connects or reconnects before sending the next command.
 - Setting name: **SmartcardSwitchModeDelay**
 - ◆ Setting Location: **Behavior** menu
 - ◆ Access Level: **WebAdmin**
 - ◆ Default value: **3000** ms
 - ◆ Possible values: **0 – 5000** ms
 - ◆ Description: The number of milliseconds to wait after the share mode is switched to allow the DUALi smart card reader time to switch modes before attempting communication.

- Changed the default value for the **Laminator > L2ToFlipperSpeed** setting to reduce the likelihood of cleaning card jams in the laminator. The new default value is 2500 (the value that caused card jams was 2902). The current value is not modified by the new firmware.

Resolved Limitations

- Resolved a rare issue with missing vertical print lines. It was most common with printers configured with Wi-Fi.