



ENTRUST

Release Notes

Entrust Desktop Retransfer Printer Firmware

This document provides a summary of a release to the desktop retransfer printer firmware.

Version Information

Firmware Version	R4.51.2 R4.11.2
Release Date	August 2023
Component Versions:	
• Printer	R4.51.2-8 R4.11.2-8
• Printer BSP	R4.50.21-29 R4.10.21-29
• Embosser Firmware Version	E1.1.54-3
• Laminator Firmware Version	L1.1.6-16
• Laser Firmware Version	Z1.1.0-302
• Multi-hopper Firmware Version	M1.3.0-2
• Impresser Module	I1.1.3-2
• Smart Card Coupler	DE-ABCM_L_DC2_211006_CCID_PCSC

Affected Printers

- Entrust Artista® CR803 and CR805 Retransfer Printer
- Entrust Artista® CR825 and CE875 Instant Financial Issuance Systems

Firmware Release for Dual Hardware Configurations

Artista® firmware releases now support multiple hardware configurations. These configurations are identified by the leading portion of the firmware version. R4.1x or R4.5x. firmware is available as either a stand-alone update application or as firmware files.

The firmware update application **FirmwareUpdate_R4P.51.2-8_R4S.11.2-8.exe** contains all the necessary firmware files and will automatically identify the hardware configuration and apply the correct firmware to the printer.

The FLS files **R4P_51_2_8.fls** and **R4S_11_2_8FS.fls** are used by the Adaptive Issuance™ Issuance Device Management software to update printer firmware. If you do not have this software, use the stand-alone update application to update your printer firmware.

Previous Release Information

Hardware Platform	Release	Build
R4.5x	R4.51.1 SP4	R4.51.1-5009
R4.1x	R4.10.6	R4.10.6-2

Added Features and Improvements

- Added color mode "Adobe RGB".
- Improved Laminator communication robustness.
- Improved error recovery when printer is processing multiple jobs at once.
- Added support for updated Embosser hardware.
- Updated Wi-Fi module firmware.
- Improved printer motor control to reduce printing variability.
- Improved cleaning card operation for the vertical module. Change "CleaningProcess" setting to "EnhancedVertical" to utilize this new feature.
- Updated OpenSSL to improve security.
- (R4.5x platform) Improved USB reliability.
- (R4.1x platform) Updated printer Operating System version.
- (R4.1x platform) Reduced the delay between the front panel LCD showing "Ready" and printer being able to receive secure communication.

- (R4.1x platform) Added setting to choose single-wire Duali coupler firmware update logic (leave as-is or force to match version in printer firmware). OMNIKEY coupler firmware will always be left as-is regardless of the setting.
- (R4.1x platform) Laminator heaters begin warming when the job starts in the printer reducing the delay before lamination can start when laminator heaters are in sleep mode.
- (R4.1x platform) Improved responsiveness of Impresser LED indicator light to status changes.
- (R4.1x platform) Added support for a new revision of Multi-Hopper hardware.
- (R4.1x platform) Enhanced Firewall configuration to improve security.