



ENTRUST

Firmware Release Notes

Entrust Desktop Printer Firmware

This document provides a summary of the new features and updates to the Sigma DS and EM Series Direct to Card Printers firmware.

Version Information

Firmware Version	D4.2.4
Release Date	February 2023
Update of Released Version	D4.2.3
Component Versions:	
• Printer	D4.2.4-10
• Printer BSP	D4.1.21-12
• Embosser Firmware Version	E1.1.53-1
• Laminator Firmware Version	L1.1.6-16
• TIM Impresser Firmware Version	I1.1.3-2
• RIM Indenter Firmware Version	N1.1.2-2
• LCM UV Cure Firmware Version	V1.1.0-9
• Multi-hopper Firmware Version	M1.2.1-0
• OpenCard Plug-in Version	PLG.1.31-3
• Smart Card Coupler	DE-ABCM5_CCID_DC_200614
• HID Omnikey Smart Card Coupler	HID Global 5127 CK 01000069

D4.2.4 Firmware Release

D4.2.4 adds support for updated components in the printer. **Once updated, printers cannot be downgraded to firmware versions earlier than D4.2.3. Sigma DS4 printers with the Secure Scramble hardware option cannot be downgraded to firmware versions earlier than D4.2.4.**



Sigma DS4 printers with the Secure Scramble hardware option can be identified by:

- Code U1 on the configuration label located on the swingarm of the printer.
- In Printer Dashboard click **Device Details > Options. SecureScramblePrinter** displays in a list of options on printers with the Secure Scramble hardware.

New Feature

- Secure Scramble feature added for factory-built secure scramble printer configurations.

Improvements

- Improved the robustness of KTT cassette ribbon handling to reduce and recover from false 109 errors.
- Added setting to tailor single-wire coupler FW update logic (leave as-is or force to match version in printer firmware payload).
- "Cleaning Needed" is displayed on the third line of the front panel LCD when cleaning is required.
- Printer Dashboard has been fixed to correctly report the embosser indent ribbon supply as an embosser supply.
- Laminator heaters will begin warming when the job starts in the printer reducing the delay before lamination can start when laminator heaters are in sleep mode.
- Fixed an issue where Instant ID as a Service could not print to a EM2 printer.
- Added rewritable test card support to Printer Dashboard to find the optimum erase power.
- The unused setting DataStorageSecure was removed.

Security

- Printer operating system updated to LTS 21 RCPL 13.
- Enhanced firewall configuration.