



# ENTRUST

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## 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.

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#### Version Information

<b>Firmware Version</b>	D4.2.4
Release Date	February 2023
Update of Released Version	D4.2.3
<b>Component Versions:</b>	
• 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

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## 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.