



Firmware Release Notes

Entrust Desktop Printer Firmware

This document provides a summary of the new features and improvements to the Entrust SD, CD, and CE Series desktop printers that currently run version D3.17.1 or newer firmware and are not enabled for OpenCard.

Component Version Changes

Firmware Version	D3.20.1
Release Date	June 2024
Update of Released Version	D3.19.2-SP1
Component Versions:	
• Printer	D3.20.1-5
• Printer BSP	D3.20.1-5
• Embosser Firmware Version	E1.1.55-2
• Laminator Firmware Version	L1.1.6-16
• DUALi Smart Card Coupler	DE-ABCM_L_DC2_211006_CCID_D
• HID Omnikey Smart Card Coupler	HID Global 5127 CK 01000069

D3.20.1 Firmware Release

Security Updates

- Updated printer operating system and patch level to version released in March 2024.
- TLS encryption enhanced:
 - Only TLS 1.2 and TLS 1.3 are supported. TLS 1.1 and TLS 1.0 support removed.
 - Static and weak TLS ciphers are no longer supported.
- Printer Manager administration interface security improvements:
 - jQuery CVE's reported against previous versions of firmware have been patched.
 - HTTP Security Header added to resolve customer reported vulnerability scan findings.
 - HSTS enabled to resolve customer reported vulnerability scan findings.

- General Security:
 - ICMP redirects addressed to resolve customer reported vulnerability scan findings.
 - Removed unused .rhosts file to resolve customer reported vulnerability scan findings.
 - Firewall improvements.
 - LLMNR disabled to resolve customer security request.

Improvements

- SNMP SysObjectID now returns the proper IANA registered Entrust PEN value of 60797.
- Embosser module firmware updated.
- Laminator module firmware updated.

Notes

- **Printers enabled for OpenCard cannot be updated to D3.20.1.** These printers must remain at the D3.18.x firmware level.
- D3.20.1 includes support for updated embosser components. **Once updated, printers cannot be downgraded to firmware versions earlier than D3.19.2.**
- The MinTLSVersion setting has been removed as it is no longer needed.