



Release Notes


Entrust® GDI Card Printer Driver Version 1.0 for Microsoft Windows


This document provides a summary of the GDI Card Printer Driver.

Version Information

Driver Version: 1.0


Release Date: October 2025

 An open source software attribution document is available at C:\ProgramData\Datacard\GDI_Card_Printer\GDI_Card_Printer_Driver_Open_Source_Attribution_Table.html.

 The GDI Card Printer Driver requires Sigma printer firmware version D4.4.2 (or above). If a printer is not using a valid version of firmware, the printer's LCD may display a 518-error message. You must use the RFID Upgrade Kit to upgrade the firmware and enable the GDI Driver (one kit per printer).

Supported Printers

- Entrust® Sigma DS3 and DS3 with Card Lamination Module

 Supported ribbons are YMCKT, KT, YMCKT-KT, and monochrome.

Supported Resolution

- The GDI Card Printer Driver 1.0 supports 300x300 resolution for color and monochrome printing.

Supported Microsoft Windows Operating Systems

- Windows 10 (64-bit)
- Windows 11 (64-bit)

Supported Languages

- The driver installer and user interface are in English.

New Features

- This is the first release of the GDI Card Printer Driver. Refer to the *GDI Card Printer Driver User Guide* for information about the supported functions.

Known Issues and Restrictions

- Embossing is not supported.
- Printer pooling / sharing is not supported.
- If you are using the Lenel OnGuard platform, the use of a semicolon in a magstripe escape code will fail. Replace the semicolon ; with a percent % symbol.
- If you are using the Lenel OnGuard platform, the use of a semicolon in a laminator escape code will fail. There is no workaround for this issue.
- GDI Card Printer Driver supports the following magstripe encoding formats:
 - Entrust / Fargo
 - If printing from OnGuard, replace ";" (start sentinel) with "%"
 - Atlantek
 - Eltron / Zebra
 - There is a case where magstripe escape codes for Entrust / Fargo do not encode and will print text on the card when printing from Word.
 - **Workaround:** Delete and retype the prefix and start sentinel (for example, "~1%", "~2;", etc.) and save the document. Make sure you edit the entire prefix, not just one part of it. Editing just one part breaks the prefix into chunks that the printer driver cannot parse properly.
- For Sigma printers with laminator, DuraShield clear overlay must be used with print ribbons that include a "T" panel and applied to the same card side over the "T" panel. This applies to ribbon types like KT, YMCIKT, YMCKT-KT.