Release Notes
Entrust® LXM Card Printer for Linux, Version 1.7

This document provides a summary of updates to the LXM Card Printer Driver for Linux.

Version Information

Driver Version: 1.7.020

Release Date: January 2024

Supported Printers

- Entrust® SD Series: SD260™, SD460™ Card Printers

- Entrust Artista® CR805, Artista® CR805

- Entrust® Sigma DS1, DS2

- Entrust® Sigma DS3

  ⓘ Other Entrust printers may be supported through the use of a RFID upgrade kit.

Supported Operating Systems

- Ubuntu-20.04 LTS

- Kylin 10

ⓘ An attribution table has been added to the disk and can be found at /usr/local/lxm-card-printer/attribution.txt

ⓘ Use Driver version 1.6 to use other operating systems.

New Features

v1.7 driver release

- Added support for Kiosk printers.
- Added support for Embossing.
- Added support for card eject side.
- Added support for printer job completion.
- Added support for magstripe for CR805.
- Added support for Single-Wire OMNIKEY Smart Card.
- Added support for Single-Wire MIFARE DUALi Smart Card.
- Added support for card eject side.
- Added ability for other Entrust printers to be supported through the use of an RFID upgrade kit.

Improvements and Resolved Issues

- Fixed issue where the driver did not display printer messages while printing using SDK.

- Driver does not require 3rd party packages.

- Driver message display application is more robust.

- Fixed issue where a gray line is incorrectly printed in the middle of the card.

- Reboot is no longer required when installing the driver.

- SDK does not override printer settings in the driver Printer Properties dialog.

- Added the ability for the user to install SDK by copying SDK.tar in the driver installation folder.

- SDK sample arguments are not case sensitive.

- Fixed magstripe encoding on direct to card printers.

- Fixed issue where powering off the USB printer causes the driver to lose the printer IP address.

- Fixed issue where magstripe SDK sample failed to log information.

- Fixed issue where Driver created incorrect size images. Correct image sizes are:

  - Direct to Card printers image size is 1013x638

  - Artista Printers image size is 2100x1343

- Fixed issue where printer status SDK did not return correct ribbon supply code.

- Fixed issue where laminator impress option did not work on SD460 Printer.

- The PrinterStatus XML now contains data within the ErrorCode field and the ErrorString.

Known Issues and Restrictions

- Driver package name has changed from lxm-card-printer.x86_64 to printer-driver-entrust-lxm.x86-64. Use the updated uninstall instructions.

- Driver package is named as printer-driver-entrust-lxm.x86-64. Driver is only supported for 64 bit amd64 OS.

- Kysec sometimes has to be disabled to install driver on Kylin 10.

- Renaming the printer requires a PC Reboot.

- Rotation is not supported while using smartcard or magstripe on Artista Printers.

- Driver upgrade is not supported. Uninstall and Reinstall to upgrade Driver.

- User must change Printer Options to select the printer type, ribbon type and page size to print properly.

- Driver sometimes fails to print test card during install.

- If uninstall fails, refer to "Manual Uninstall Steps" of the Linux User Guide.

- When uninstalling Linux driver on Ubuntu, a warning is generated that is an error and can be ignored. Below is an example of the warning generated.

  ```
  dpkg: warning: while removing lxm-card-printer.x86-64, directory '/usr/local' not empty so
  not removed

  dpkg: warning: while removing lxm-card-printer.x86-64, directory '/usr/lib64' not empty so
  not removed
  ```

- Printer status SDK does not return correct ribbon supply part number.

- There is a 30 second delay after agreeing to the EULA.

- Incorrect printer properties when installing a second printer. Issue does not happen when using Sigma printers.