
ReadMe

XPS Card Printer Driver SDK

This document provides a summary of updates to the XPS Card Printer Driver SDK.

Version Information

SDK Version:	8.0
Release Date:	October 2020

SDK New Features

- Added support for new error messages for the Tactile Impression Module and Sigma direct to card printers.
- Added support for primerless ribbon (CMYK and CMYK-K) for retransfer card printers.
- Added support for ribbons with a Luster panel (YMCKL-KT) for Sigma direct to card printers
- Updated the PrinterOptions2 XML and PrinterSupplies3 XML to return information for the Tactile Impression Module.
- Created C++, C#, and VB.NET samples to demonstrate the use of OmniKey smart card commands.
- Updated the C++, C#, and VB.NET print samples to place an impression on the front or back of a card with the Tactile Impression Module.
- Added support to the C++, C#, and VB.NET printer_control samples for the following:
 - Start the printer cleaning process.
 - Shut down the printer.
- Upgraded the SDK to support Visual Studio 2019 and Visual Studio 2017.
- Added information about when it is necessary to disable Spectre mitigation.
- Added support for Windows Server 2019

Supported Driver Version

This SDK release supports Version 8.0.016 of the XPS Card Printer Driver for Microsoft Windows.

Supported Printers

- Datacard® SD Series: SD160™, SD260™, SD260L™, SD360™, SD460™ Card Printers
- Datacard® CD Series: CD800™, CD800 with CLM laminator, CD820™ Card Printers
- Datacard® CE840™ Instant Issuance System
- Datacard® CE870™ Kiosk System
- Entrust Datacard™ CR805™ Retransfer Card Printer
- Entrust Datacard™ CL900™ Desktop Laser Personalization System
- Entrust™ Sigma DS2, DS2, and DS3 Direct to Card Printers
- Entrust™ Sigma DS4 Instant Issuance System
- Instant Issuance Systems that are Driver Enabled

Supported Microsoft Windows Operating Systems

- Windows 10 (32-bit and 64-bit)
- Windows 8.1 (32-bit and 64-bit)
- Window Server 2019
- Windows Server 2016
- Windows Server 2012 R2 (64-bit)

Improvements and Resolved Issues

- SDK samples now can pick a card from the exception hopper.
- Removed warnings generated when running Java samples.
- Changed the name of the smartcard_singlewire_mifare sample to smartcard_singlewire_duali_mifare. Also updated the sample to write data to block 21.

Known Limitations

- Running the SDK Print sample with a shared printer fails if the fully qualified printer name is greater than 31 characters.
- When the card completion parameter is set in the call to run a sample, the number of copies parameter is ignored. One card is always produced. An application must manage multiple copies outside the driver when card completion is enabled.