

### Datacard® XPS Card Printer Driver SDK

SDK Version	4.1
Release Date	April 2013

## WHAT'S IN THE SDK?

This Software Developers Kit (SDK) consists of a Programmer's Reference Guide and sample code.

Read the Programmer's Reference Guide for an understanding of the functions supported by the driver Application Programming Interface (API), the rules of use for the API, and the information exchanged across the API. The Programmer's Reference Guide is in the **doc** folder.

The sample code is designed to show you the details necessary to implement the API in your application. The sample code is under the **samples** folder. Samples are provided in each of four languages: Microsoft® Visual C++®, Visual C#®, Visual Basic®; and Java. The samples demonstrate the following functionality:

1. **Printing**
2. **Magnetic stripe encoding and reading**
3. **Smart card parking and job continuation**
4. **Obtaining printer and job status**
5. **Single wire smart card personalization**
6. **Cancelling all jobs in the printer ❶**
7. **Embossing, indenting, and topping a card ❶**
8. **Locking and unlocking a printer with locks ❶**
9. **Getting card completion status for non-interactive jobs**

(❶) *Not available as a Java sample.*

## WHAT'S NEW IN THE V4.1 SDK

1. Deprecated `Printer.SuppliesStatus:Read` and added `Printer.SuppliesStatus2:Read`. The new interface returns additional information about the print ribbon supply (serial number, part number, and lot code).
2. Enhanced the java print sample to demonstrate a better method for detecting when the print data has entered the spooler and the job can safely be ended. Review `PollForJobCompletion` and `WaitUntilJobSpooled`.
3. The locking sample has been enhanced to return more information when an error is detected and to detect if the printer has support for electronic locks.

## SUPPORTED DRIVER VERSIONS AND PRINTERS

- Version 4.1 of the XPS Card Printer driver for Microsoft Windows is supported by this SDK release.
- All SD, CD, and CE desktop printer models are supported by this SDK. Full functionality of specific features requires a printer with the correct options and firmware version.

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## KNOWN LIMITATIONS

- Some interactive operations will take longer to complete when using an SD260 card printer.

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