Getting Started with the Card Printer SDK – Zebra Card SDK for ZXP Series 7 and Series 9 Printers – C#

This sample application demonstrates how to use the Zebra Card SDK for ZXP Series 7 and Series 9 Printers to connect a ZXP Series 8 Retransfer printer and then print a card.

Note: Installation of both the ZMotifPrinter and ZMotifGraphcs SDKs is required prior to compiling and running this sample application.

The sample application was developed using Visual Studio 2008 on Windows XP using Zebra Card SDK for ZXP Series 7 and Series 9 Printers. This sample code was later updated for Visual Studio 2017 on Windows 8.

This is a 32-bit application code. If you would like to convert to 64-bit application code, you must build the project in 64-bits. For instructions on how to register the 64-bit DLL file in your project, please refer to White Paper WH125.

Note: This application is provided AS-IS, for example purposes only.
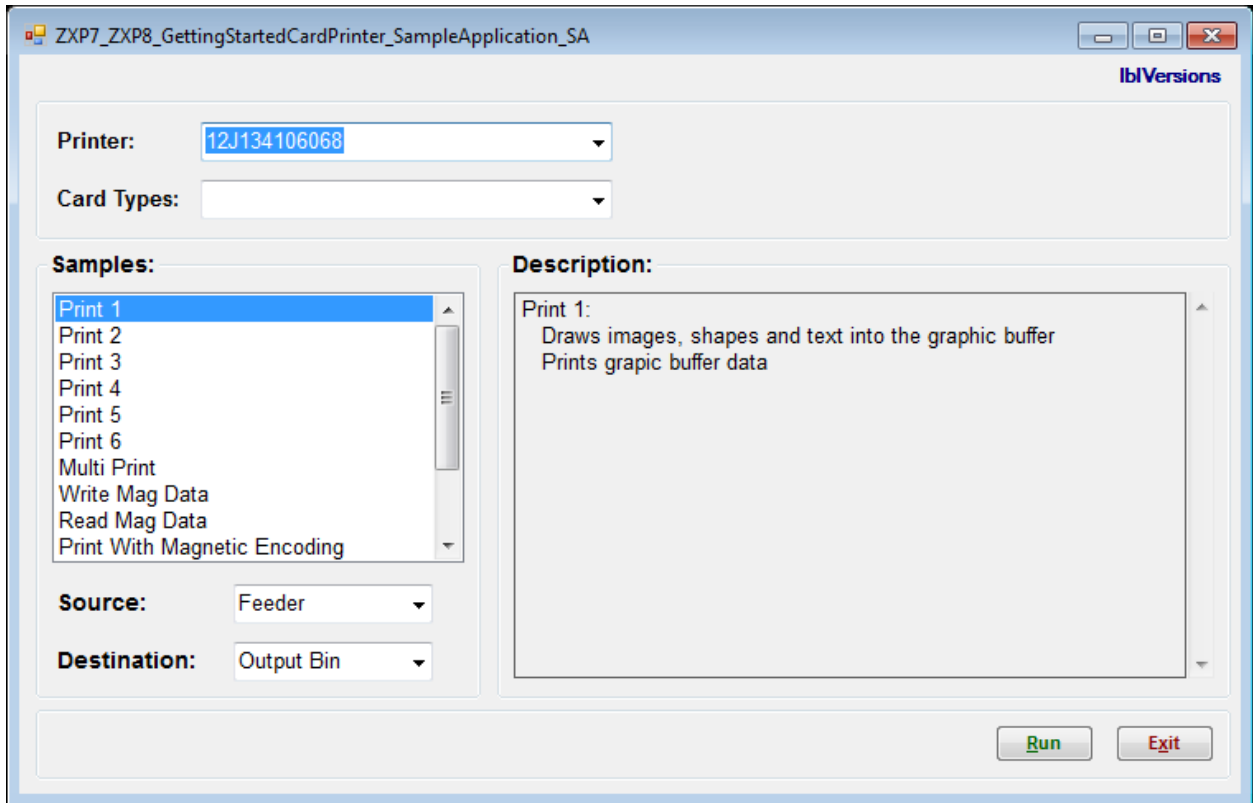
Running the Sample Application

Follow these steps to launch and use the sample application.

1. Open or double-click the sample application (.sln).

   The solution opens in Microsoft Visual Studio.

2. Press **F5** to run the sample application.

   The following dialog appears.

3. Select **USB** or **Ethernet** based upon the printer's connectivity.

4. Based on the printing/encoding you would like to perform, select an item from the list of samples.

   - Print 1-6 – Prints various graphics and text to the card.

   - Write Mag Data – Encodes all three tracks on the magnetic stripe.

   - Read Mag Data – Reads all three tracks from the magnetic stripe.

   - Print with Magnetic Encoding – Prints graphics to the card and encodes all three tracks on the magnetic stripe.

   - Contact Smart Card Encoding – Starts a smart card job by sending the card to the smart card station and performing any custom encoding code.

5. Select the type of card you are using from the Card Types dropdown menu.

6. If you are not using the feeder (input bin) to supply the printer with cards, select an item from the Source dropdown menu.

7. Select where you would like the cards to go when the printing/encoding is complete from the Destination dropdown.

8. Click **Run** to begin printing and/or encoding.

   Wait for the printing/encoding job to complete before beginning another job.

<Final Page>

Document Control

Version	Date	Description
1	28-Jun-13	Initial Release with updated footer
3	04-Mar-17	Updated Code; Made publicly available; Added 32/64-bit updates
2	07/2015	Added support for new features in the ZXP Series 7 and Series 8 printers, including encoding over Ethernet, UHF encoding, barcode scanner, and new ribbon types.
3	10/2017	Updated project to Visual Studio 2017 and .NET Framework to v4.6

All links and information correct at time of writing
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