Printing, Magnetic Encoding, Contactless Smartcard Encoding – Zebra Card SDK for ZXP Series 7 and Series 9 Printers – VB.NET

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

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

The 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 to Visual Studio 2017.

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.
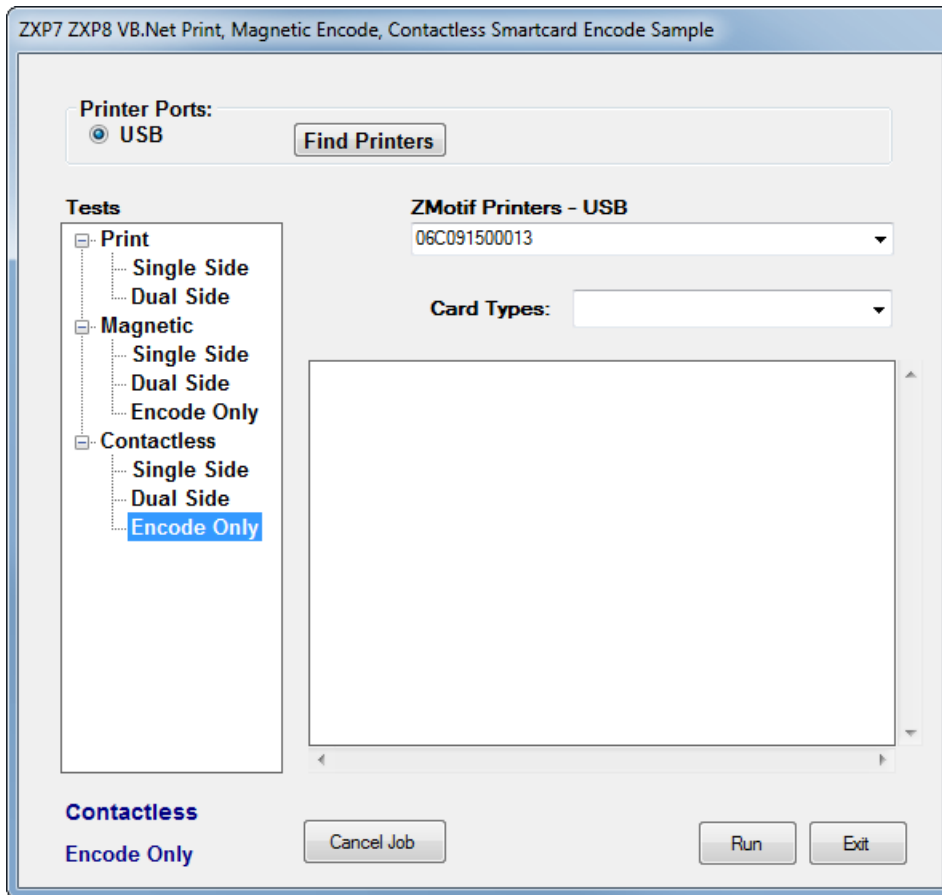
Running the Sample Application

Follow these steps to launch the sample application.

1. Launch the Visual Studio Solution

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

    The solution opens in Microsoft Visual Studio.

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

    The following dialog appears.

4. Do <u>one</u> of the following:
   - If your printer is connected via USB, select USB under "Printer Ports". Select the **Zebra Card Printer** (by Serial Number) from the "ZMotif Printers – USB" dropdown menu.
   - If your printer is connected over a network via Ethernet, select **Ethernet** under "Printer Ports". Type the IP address of your printer in the text field under "ZMotif Printers – Ethernet".

5. Based on the printing/encoding you would like to perform, select an item from the list of tests.
   - Print
     o Single Side – Print an image to the front of the card.
     o Dual Side – Print images on both sides of the card.
   - Magnetic
     o Single Side – Encodes the magnetic stripe and prints an image to the front of the card.
     o Dual Side – Encodes the magnetic stripe and prints and image to both sides of the card.
     o Encode Only – Encodes the magnetic stripe.

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

7. Click **Run** to begin printing and/or encoding. Wait for the printing/encoding job to complete before beginning another job.

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Document Control

Version	Date	Description
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 version 4.6

All links and information correct at time of writing
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