Contact Smart Card Encoding – Zebra Card SDK for ZXP Series 3 and Series 1 Printers – C#

This sample application demonstrates how to use the Zebra Card SDK for ZXP Series 3 and Series 1 to encode contact smart cards. It can also print single or dual sided, depending on the print sample you select in the application.

Note: Installation of the Zebra Card SDK (ZBRPrinter and ZBRGraphics) for ZXP Series 3 and Series 1 is required prior to compiling and running this sample application.

This is a Windows Desktop application, developed in C# with Microsoft Visual Studio 2008 for .NET Framework v2.0. This sample code is also applicable to all new versions of Visual Studio released after 2008.

Note: This application is provided AS-IS, for example purposes only.

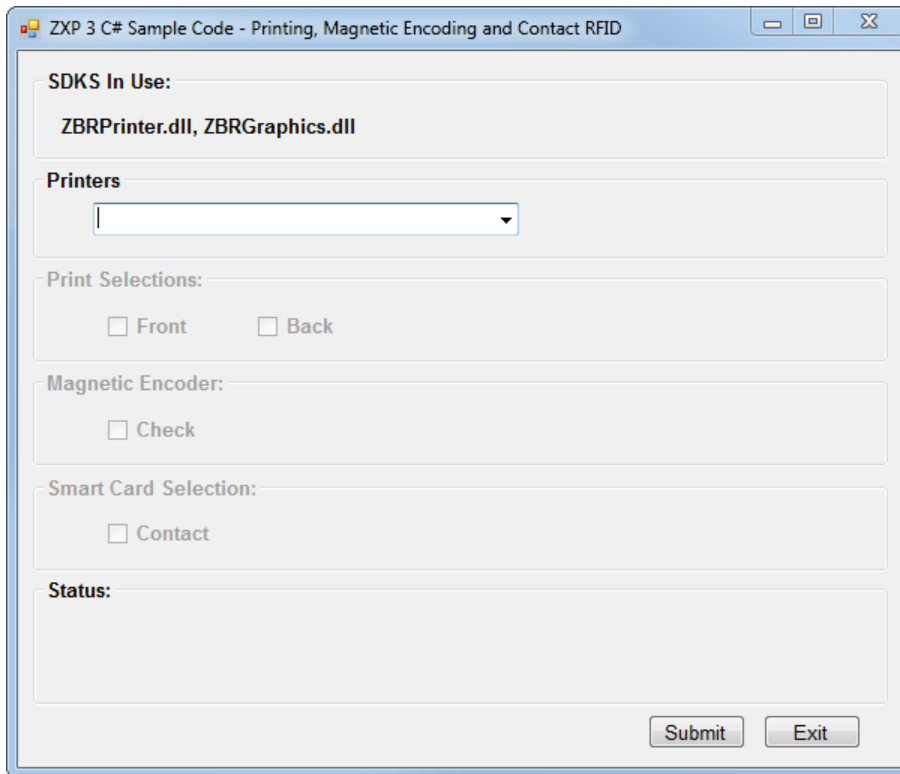## Running the Sample Application

Follow these steps to launch and use the sample application.

1. Launch Visual Studio or open Windows Explorer and navigate to the location of the sample application.

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

   The solution opens in Microsoft Visual Studio 2008.

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

   The following dialog appears.

4. Click the **Printers** dropdown menu and select your printer.

5. Select printing options based on the printing/encoding you would like to perform:
   - Print Selections
     - Front – Print text and an image to the front of the card
     - Back – Print text to the back of the card
   - Magnetic Encoder – Check to encode the magnetic stripe on the card
   - Smart Card Selection – Check Contact to perform contact smart card encoding

6. Click **Submit** to begin printing and/or encoding.

   The bottom section displays the appropriate status message (e.g. "No Errors").

Document Control

Version	Date	Description
1	June, 2013	Initial Release
2	December, 2015	Updated Code and Screenshots to remove SDK version numbers. Made publicly available. Added 32/64-bit updates.
3	October, 2017	Updated project from Visual Studio 2008 to Visual Studio 2017

All links and information correct at time of writing

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