

## Contactless 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 contactless 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 was later updated for Visual Studio 2017.

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

## **Running the Sample Application**

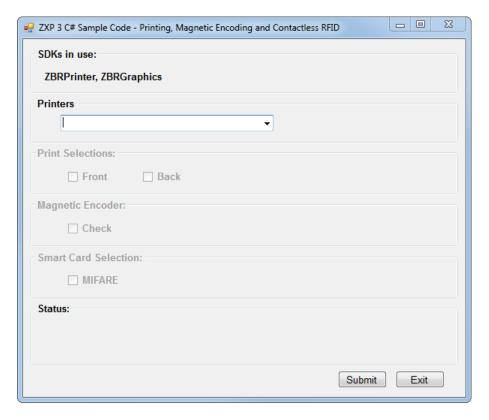
Follow these steps to launch and use the sample application.

- 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 2017.

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

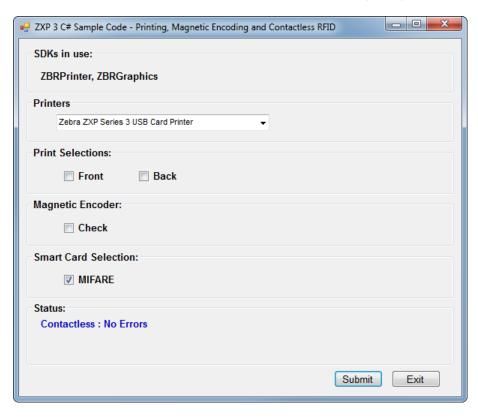
The following dialog appears.



- 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
    - o Front Print text and an image to the front of the card
    - o Back Print text to the back of the card
  - Magnetic Encoder Check to encode the magnetic stripe on the card
  - Smart Card Selection Check MIFARE to perform contactless 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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