

## ID Card Designer Demo – Zebra Card SDK for Series 3 Printers – VB.NET

This sample application demonstrates how to use the ZXP Series 3 SDK to create a simple ID Card Designer application in VB.NET. It is intended for use with the ZXP Series 3 printer.

**Note:** Installation of both the ZBRPrinter.dll and ZBRGraphics.dll SDKs is required prior to compiling and running this sample application. This SDK can be downloaded [here](#).

The application was developed using Visual Studio 2008 using the ZXP Series 3 SDK version 4.0.0.0, and has been tested with a ZXP Series 3 printer with firmware 1.02.00 and driver 2.00.00 on a Windows XP Service Pack 3 machine. This application was updated to use .NET Framework version 4.6 and Visual Studio 2017. The updated application has been tested with a ZXP Series 3 printer with firmware 02.15.00 and driver 06.02.00.

**Note:** This application is provided AS-IS, for example purposes only and demonstrates how to:

- Initialize a connection to a ZXP Series 3
- Draw elements to the ZXP Series 3's graphics buffer
- Capture a signature and draw it to the ZXP Series 3's graphics buffer
- Use the SDK to preview elements in a Windows form before printing the designed card

### Running the Sample Application

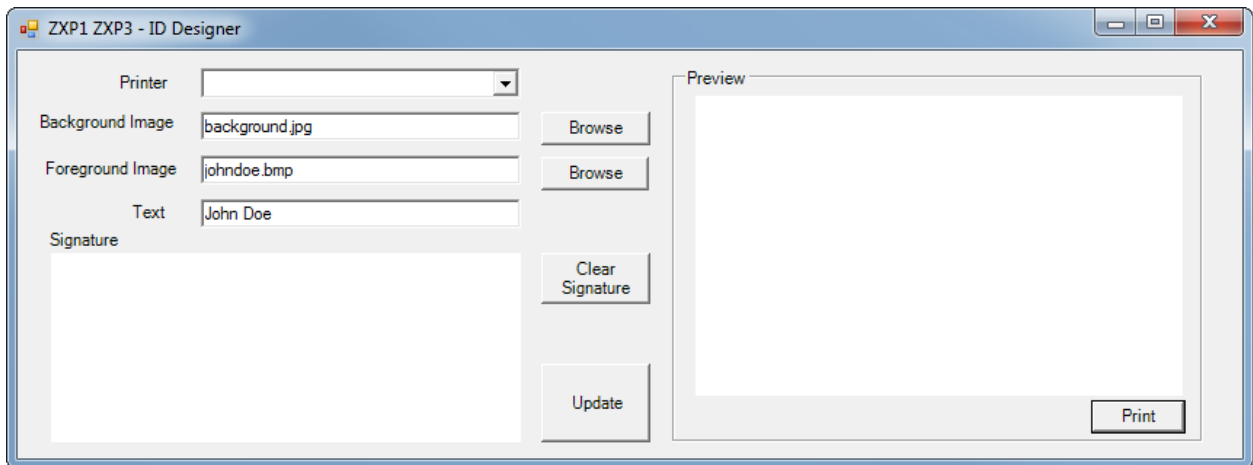
Follow these steps to launch and use the sample application.

1. Download the [ZXP3 Card Printer SDK for Series 1 and Series 3](#). Copy the ZBrPrinter.dll and ZBRGraphics.dll into the sample application folder.
2. Open or double-click the sample application (.sln).

The solution opens in Microsoft Visual Studio.

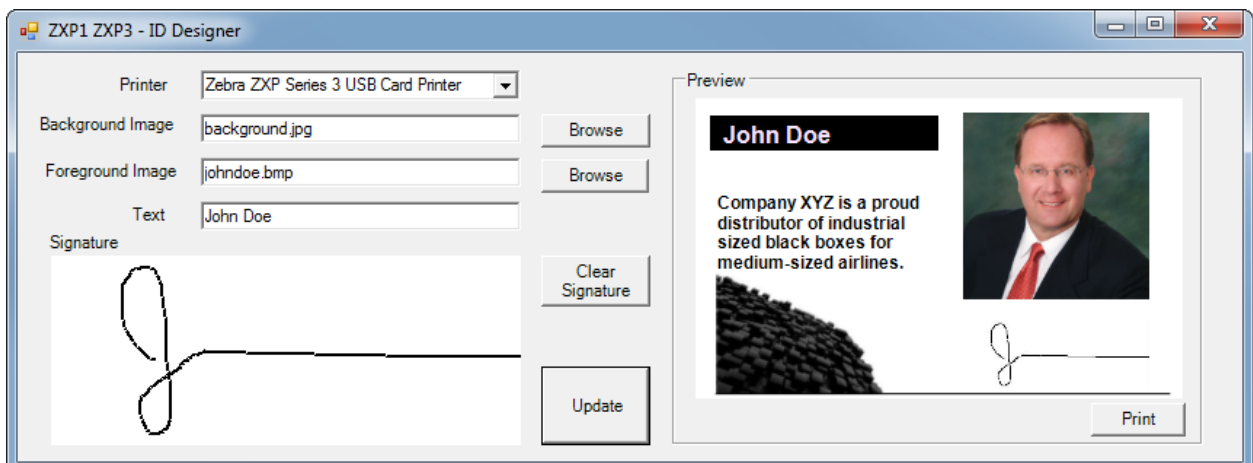
3. Press **F5** to run the sample application.

The following dialog appears.



You can select a different printer, background image, foreground image, and text to be printed on the preview. Additionally, you can click and drag your mouse in the signature area to sign the ID.

4. After making your selections and drawing your signature, click **Update** to apply the changes to the preview.



**Note:** To clear out the signature area and start over, click **Clear Signature**.

5. To print the designed card, click **Print**.

The designed card prints.

To get a stronger print out, specifically for the signature portion of this application, we recommend that you print with the K (black) panel of your ribbon if using a YMCK or YMCKO ribbon. By selecting 'front YMCK' or 'front YMCKO' in printing preferences, we guarantee that the black panel is applied to the front side of the card, resulting in stronger colors.

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## Document Control

Version	Date	Description
1	May, 2012	Initial Release
2	September, 2015	Added support for new features in the ZXP Series 1 and Series 3 printers, including encoding over Ethernet, UHF encoding, barcode scanner, and new ribbon types.
3	August, 2017	Updated project to VS2017 and .NET Framework to 4.6.

All links and information correct at time of writing

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