C# v2012 Display Control

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Overview

This sample illustrates using the `CvsInSightDisplay` control in a C# .NET application.

In-Sight Display Control Requirements

Before running this sample, please consult the In-Sight Display Control Release Notes (installed with this product) for details on Operating System, Hardware, and Software requirements to verify that your target system supports the In-Sight Display Control 5.7.2.

The In-Sight Display Control Release Notes can be accessed from the Start Menu as follows:

Programs > Cognex > In-Sight > In-Sight Display Control 5.7.2

Using the Sample

1. Launch Visual Studio .NET
2. Open the solution file: `DisplayControl.sln`
3. Run the project by pressing **F5**.
4. Enter the IP Address or DNS name of an In-Sight sensor or emulator in the Address box.
5. Enter a valid User Name and Password for the In-Sight sensor or emulator.
6. Click the **Connect** button.

Note: Before connecting to your local emulator (`127.0.0.1`), verify that In-Sight Explorer is running.

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Event Handlers

Event handlers are associated with the form's controls, which are used to change the display. You can find any event handler associated with a control by performing the following steps:

1. Select the control in the designer.
2. Right-click the control and select **Properties**.
3. Choose the **Events** tab of the Properties panel.

User Interface Theme

This sample demonstrates loading of the UI theme used by In-Sight Explorer with the following line of code:

```
CvsInSightDisplay2.LoadStandardTheme();
```

This line should be executed before the application is shown. It does not rely on a connection and only needs to be called once.

Notes

- Most functionality from In-Sight Explorer's Spreadsheet View is available within your In-Sight Display Control application. You can enable/disable most of this functionality.
- Consult the In-Sight Display Control Reference help file to learn about its properties, methods and events. The help file can be accessed from the Start Menu here:

  Programs > Cognex > In-Sight > In-Sight Display Control 5.7.2

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