

C# v2012 OPC

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Sample Overview

This sample illustrates the following:

- Connecting to a Cognex In-Sight OPC Server
- Retrieving a list of Cognex In-Sight sensors and the OPC tags for each sensor.
- Reading/Writing OPC tag values.

In-Sight OPC Server Requirements

Before running this sample, please consult the In-Sight OPC Server 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 OPC Server 5.6.0.

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

Programs > Cognex > In-Sight > In-Sight OPC Server 5.6.0

Using the Sample Application

1. Launch the In-Sight OPC Server.
2. Save a Configuration with at least one In-Sight sensor.
3. Place the In-Sight OPC Server into **Running** mode.
4. Launch Visual Studio .NET.
5. Open the solution file: [OPCSample.sln](#)
6. Run the project by pressing **F5**.

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7. Select a sensor in the left-hand In-Sight Sensors panel.
8. The OPC tags you've configured should appear in the right-hand view.

Notes

- Consult the In-Sight OPC Server help file for instructions on creating a Configuration.
- For more information on OPC, visit the OPC Foundaton web site: <http://www.opcfoundation.org>