

### Excel 2003 - General Read and Write Example

THIS COGNEX SOFTWARE CONTAINS CERTAIN COMPUTER PROGRAMS AND OTHER PROPRIETARY MATERIAL OF COGNEX AND/OR ITS LICENSORS, THE USE OF WHICH IS SUBJECT TO THE SOFTWARE LICENSE AGREEMENT (THE "AGREEMENT") THAT ACCOMPANIED THIS DELIVERY. YOU AGREE TO BE BOUND BY THE TERMS OF THE AGREEMENT BY INSTALLING OR OTHERWISE USING THE COGNEX SOFTWARE. DO NOT PROCEED WITH THE INSTALLATION OF THE COGNEX SOFTWARE UNTIL YOU HAVE READ THE AGREEMENT AND AGREE TO BE BOUND BY AND BECOME A PARTY TO THE AGREEMENT. IF YOU DO NOT AGREE TO THE AGREEMENT TERMS, DO NOT INSTALL, USE OR COPY THE COGNEX SOFTWARE, AS YOU ARE NOT AUTHORIZED TO DO SO.

#### Overview

[In-Sight OPC Sample - General Read and Write.xls](#) shows how to:

- Establish a connection between Excel and the In-Sight OPC Server
- Perform Synchronous Reads
- Perform Asynchronous Reads
- Perform Synchronous Writes
- Disconnect from the OPC Server

#### 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 5.7.2.

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

Programs > Cognex > In-Sight > In-Sight OPC Server 5.7.2

#### Using the Sample

1. Load [MS Excel OPC Sample.job](#) onto the sensor or emulator you will use.
2. Launch the In-Sight OPC Server.
3. Add tags for **AcquisitionCount** and the 5 User tags.

## Read Me

4. Place the server in the **Running** state.
5. Load `In-Sight OPC Sample - General Read and Write.xls` into Excel.

### 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>