



Description: Quick Start for configuring the OPC DataSpy.

OS Requirement: Windows XP/2000/NT/95/98/Me.

General Requirement:

OPC **DataSpy** allows you to connect to OPC Servers and monitor OPC values. The **DataSpy** can be extremely when an engineer needs to quickly test and verify the wiring of the sensors to the corresponding OPC Tags.

DataSpy is compliant with both OPC Data Access v2.04 as well as OPC Alarm&Event v1.01 servers.

Start using DataSpy

To use DataSpy, please follow the next steps:

1. Click Start, Programs, ICONICS GENESIS-32, OPC DataSpy.
2. Double-Click **OPC Items** in the left window

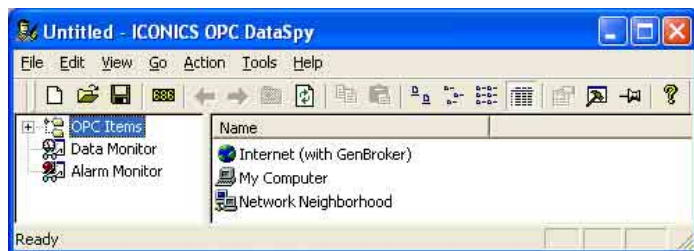


Fig.1 DataSpy just after startup

3. Double-Click **My Computer** in the left window
4. Double-Click **OPC Data Access** in the left window
5. Double-Click **ICONICS.OPC Simulator**

The OPC Server will now return its address space, a list with Folders and Tags.

6. Double-Click **SimulatePLC**
7. Right-Mouse-Click the tag **Sine** and select **Monitor**
8. Select **Data Monitor** in the left window and look at the live process values.

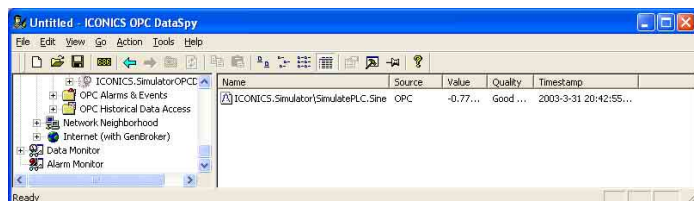


Fig.2 DataSpy monitors an OPC Tag

You can monitor a few selected tags or a complete folder containing hundreds of tags. Before you attempt to browse for an OPC Server on a network, you first need to ensure that Microsoft DCOM or ICONICS **GenBroker** is properly configured.

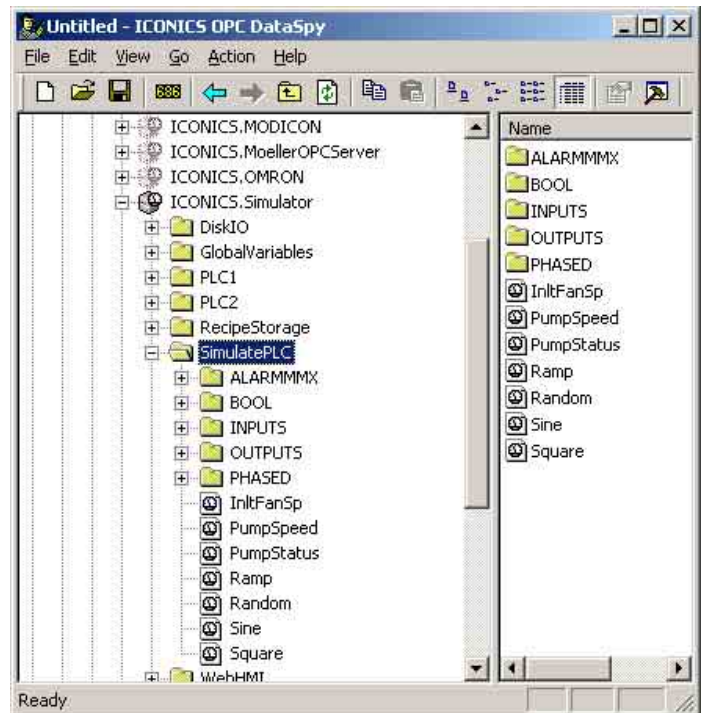


Fig.3 DataSpy shows the OPC Address Space

You can also drag & drop OPC Tags (or folders in the OPC address space) into a spreadsheet, using a program like Microsoft Excel. Although these tags will not show live data, it may be useful for the documentation of your OPC projects.

Intranet/Internet

After you've configured **GenBroker** TCP/IP OPC communications, the **DataSpy** can reach out to remote OPC Servers running on the intranet/Internet.

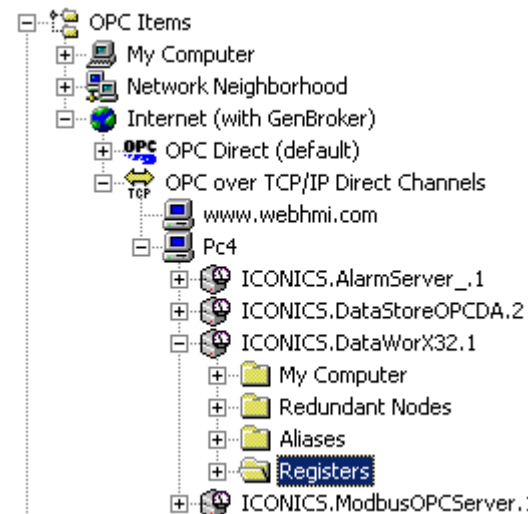


Fig.4 DataSpy browses the internet for remote OPC Servers.