

Description: Guide to configure OPC DataSpy
OS Requirement: Win 2000/2003/XP/Server 2000/Server 2003
General Requirement: There are OPC Servers with Tags configured on the system either locally or remotely.

Introduction

OPC DataSpy allows you to connect to OPC Server and monitor OPC Values. This tool provides a quick way for engineers to test and verify the wiring of the sensors to the corresponding OPC Tags. The tool also provides a way to trouble shoot remote OPC tags that are not displaying in GraphWorX32.

Monitoring a Local OPC Tag in DataSpy

1. Start OPC DataSpy by going to Start → Programs → ICONICS Tools → OPC DataSpy.
2. In the tree-control on the left-hand side, expand OPC Items → My Computer → OPC Data Access → Your OPC Server

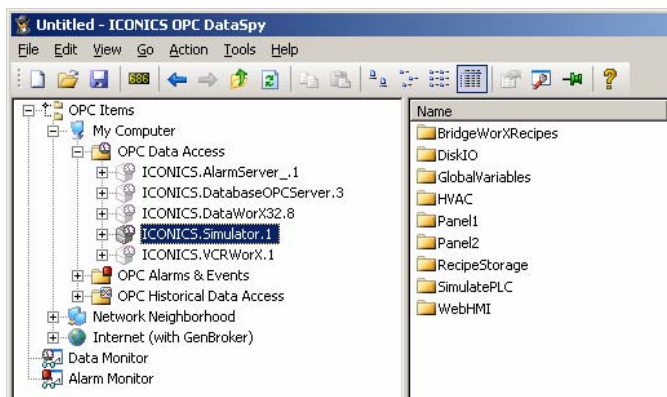


Figure 1 - OPC DataSpy

3. Continue to expand your OPC Server until you see the tag in which you want to monitor in the right-hand pane.
4. Right-click on the tag and select Monitor.

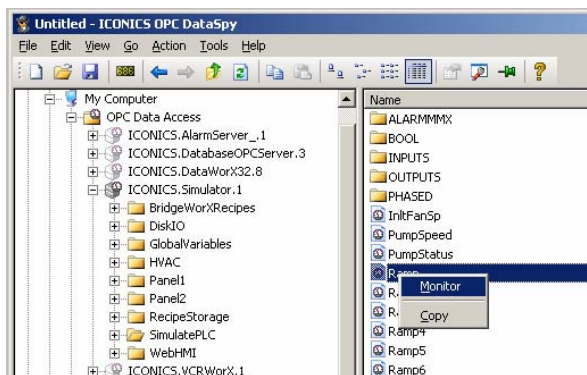


Figure 2 - Monitoring a Tag

5. In the tree-control on the left-hand pane, click on Data Monitor

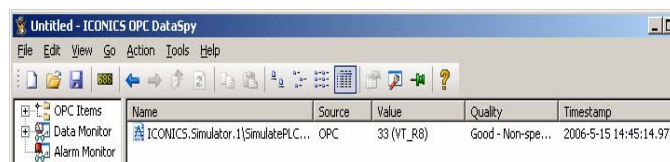


Figure 3 - OPC DataSpy Data Monitor

6. You should see the tag that you have selected to monitor in the right-hand pane with updating data.
7. You can select multiple tags by holding down the Ctrl key or Shift key to monitor at once. You could also select a folder of tags at the same time to monitor.
8. You can also drag and drop OPC tags into programs like MS Excel to display the tag path for documentation purposes.

Intranet/Internet

After you have configured GenBroker TCP/IP OPC communications, you can use DataSpy to reach out to a remote OPC Server running on the Intranet or the Internet.

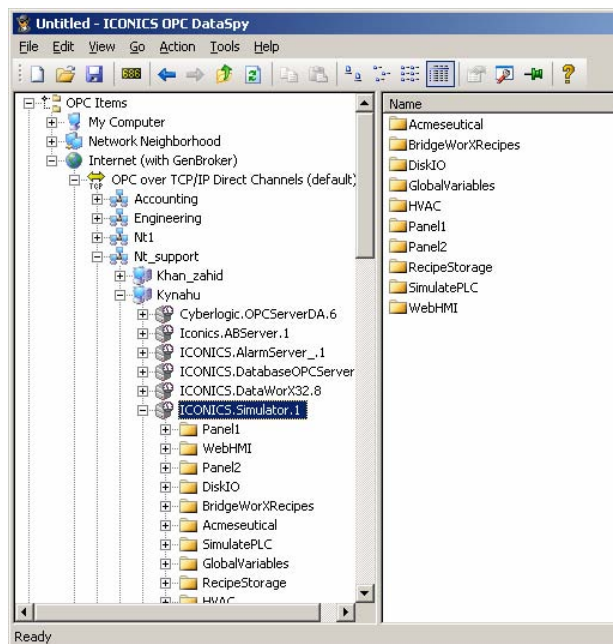


Figure 4 - Browsing for OPC Tags Through Internet

NOTE: For more information on how to setup GenBroker, please refer to the application note entitled *GenBroker – Introduction to GenBroker Communications*.