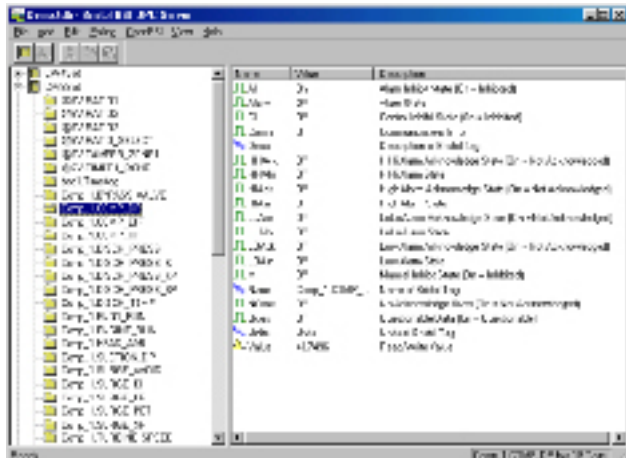




Signal Properties

an individual node or automatically for all nodes in the network. In addition, individual signals may be added by typing the name into the Signal Properties box. A .CSV file import/export utility allows editing and documentation of the signal database.

An integrated real-time signal monitor is a standard feature that is useful in confirming successful communication and viewing live data for signals and their attributes.



Database Builder

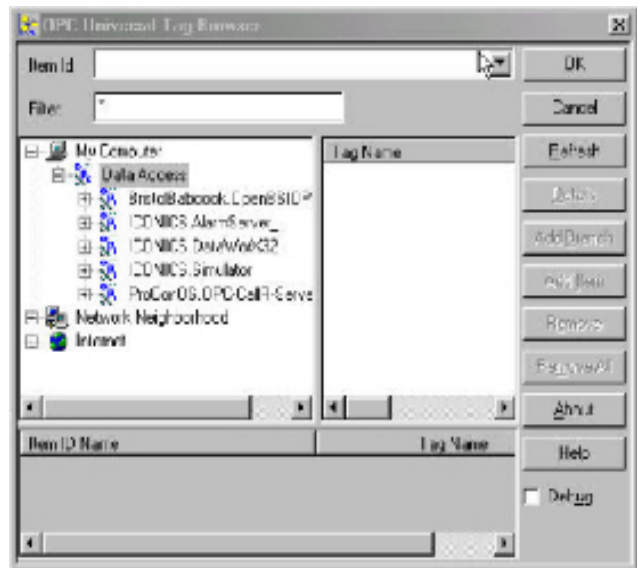
OPC Sample Client

An OPC Client application included with the Bristol OPC Server, provides a rapid method for testing the Server's configuration. The OPC Client is able to browse the PC registry and display the complete list of all installed OPC Servers. It also provides real live data feedback and allows writing value changes through OpenBSI to the Bristol nodes.

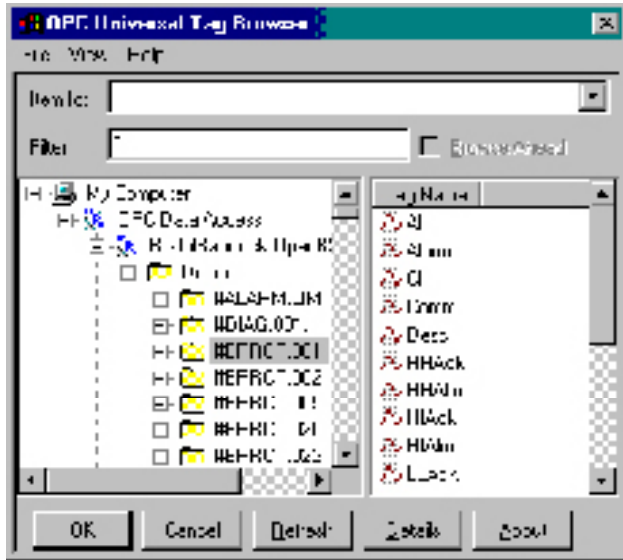
The OPC test Client is also helpful for verifying results and testing other OPC 3rd party applications connected to same server.

Browsing with COM and DCOM

The OpenBSI OPC Server supports full Browse capability, by compliant client applications, of OPC Servers residing on the local PC through COM or any networked PC through DCOM. It is a simple matter of selecting My Computer or a network computer under Network Neighborhood. Then select the Bristol node and signal.



OPC Universal Tag Browser



OPC Universal Tag Browser

OPC Alarm and Event Server

The OpenBSI OPC Server is compliant with the OPC Alarm and Event specification. It accepts all Bristol time stamped alarm messages and passes them to the OPC Alarm and Event compliant client applications such as the Genesis 32 AlarmWorx software package. Time stamping of alarms, as they occur, is a standard feature in all Bristol RTU, PLC, controller, or flow computers. If communication to the node is interrupted for any reason, the time-stamped alarms are stored in the node and reported to the OPC Server as soon as communication is restored.

Polling Scheme

Signal data values are normally polled based on a request from an active client application such as a display, trend or history collection. Signals not currently on scan due to an active client application can be set to scan at a lower background rate. This feature allows an application to display reasonably current data, upon opening, until current values are collected.

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