



Description: GenBroker allows for browsing of OPC data that is anywhere on the internet

OS Requirement: Windows NT/2000/XP

General Requirement: Basic Understanding of communication between OPC servers & clients

Configure GenBroker

- On the machine that runs OPC Clients (like ICONICS GraphWorX32), Click *Start, Programs, ICONICS GENESIS-32, Tools, GenBroker Configurator* and select/browse for the GenBroker file to edit to simply click on Edit to create a new one.

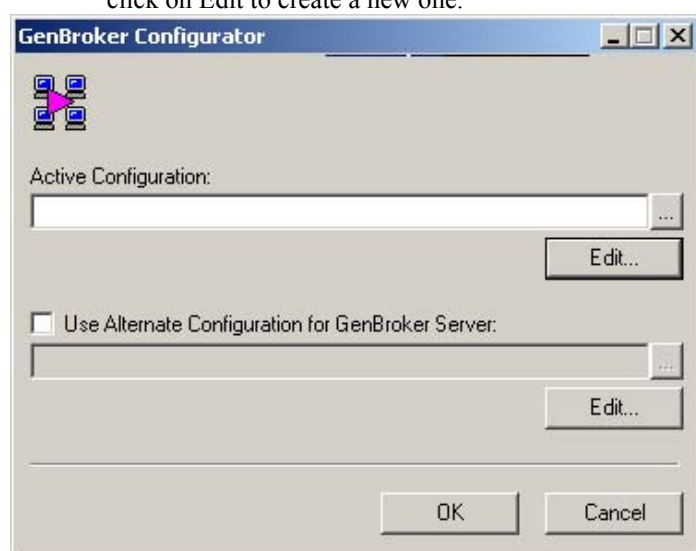


Fig 1: GenBroker Configurator

- Expand the left hand tree structure. Select **Channels**. Right click on OPC Over TCP/IP channels and select 'Add Node'

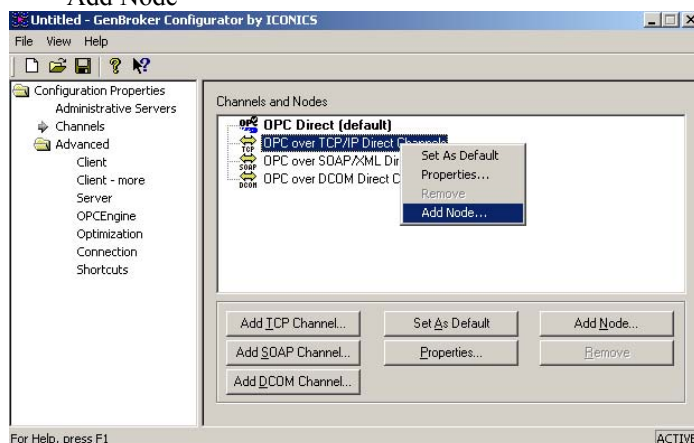


Fig 2: GenBroker Configurator details dialog

- specify the name of the remote server computer that is on the internet- **www.webhmi.com** and click OK

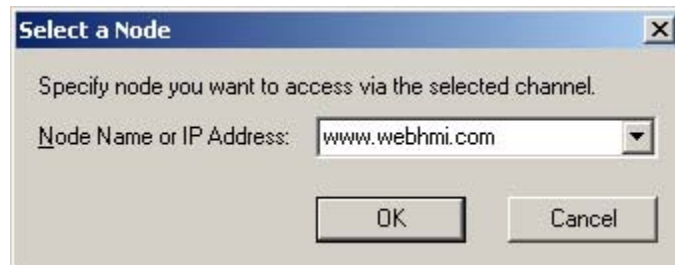


Fig 3: Node Select dialog

Select File menu- **Save As** and you will be prompted for a name for your configuration file. Save & Close configuration.

Live Internet OPC Data in GraphWorX32

Start **GraphWorX32** and place a Process Point on the display. The Unified Data Browser will guide you in selecting your favorite OPC Tag.

- Select the **Internet** icon in the left Window and browse **www.webhmi.com**

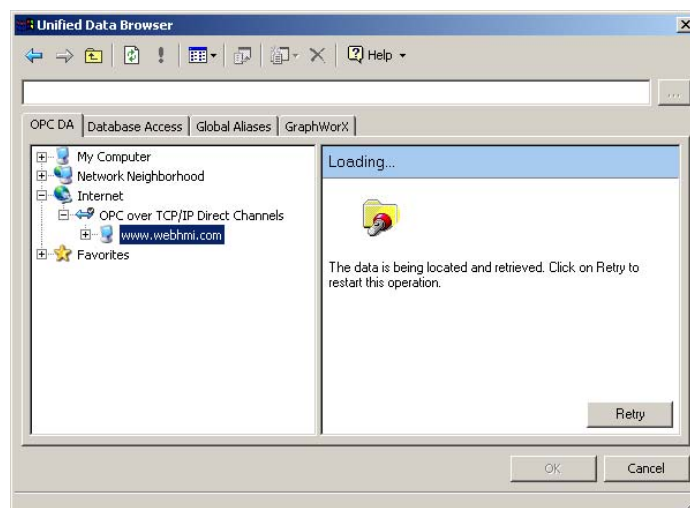


Fig 4: Unified DataBrowser showing the added node under TCP channel

- You can for instance select any OPC tag from the any OPC Server installed on the www.webHMI.com mode and click OK
- The **GraphWorX32 Property Inspector** shows the tag name and you can click OK once more.
- Select **Runtime** from the menu
- Live data is shown as seen below. (Note: GenBroker should be running on the www.webHMI.com node)

67.00

`{{www.webhmi.com}\ICONICS.Simulator.1\SimulatePLC.PumpSpeed = 67`

- Notice the update performance. It's impressive.