



Description: How GENESIS32 Browsers can use GenBroker to get remote license & Security

OS Requirement: Windows XP/2000/NT, 9x/Me.

General Requirement: Understanding of GENESIS32 Browsers and how they work

Configure GENESIS32 Browser to use GenBroker

1. Click on **Start** button- **ICONICS GENESIS32-Tools- GenBroker Configurator**. Click on Edit under Active Configuration, to create a new gbx file (GenBroker configuration file).
2. Once in the Configurator file, expand the left hand tree- Select **Administrative Servers** like in figure below.

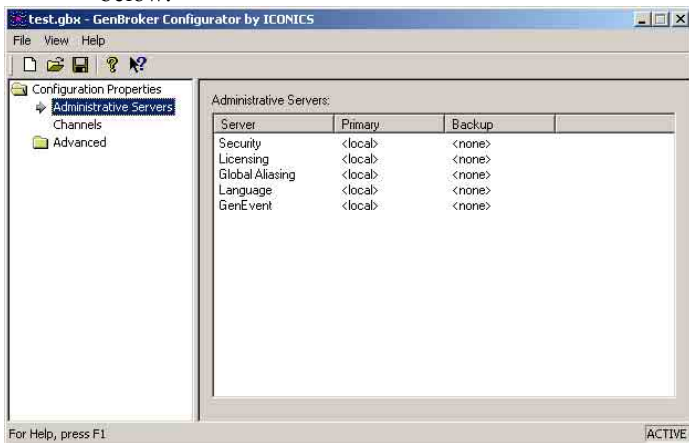


Fig 1: GenBroker Configurator

3. Double click on Licensing and Add a Primary and Backup License server for the GENESIS Browser station. (**NOTE:** GENESIS#2 Browser station cannot have Local Licensing. They have to obtain license from a remote station)

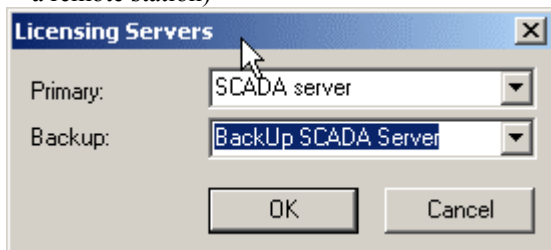


Fig 2: Application servers selection

4. There is capability to add remote servers for Security, Global Aliasing, Language Aliasing and GenEvents servers. You may follow the steps above, if you choose to set up remote servers for the above applications too.
5. Next step is to determine how the GENESIS32 Browser node communicates with the Primary and Backup servers. Select **Channels** on the left hand side tree- Right click on the OPC Over TCP/Ip as set as **Default**. Also right click and **Add a node**. Select

SCADA Server as the Primary node to add. Add another node and select Backup SCADA Server as the Backup node to add.

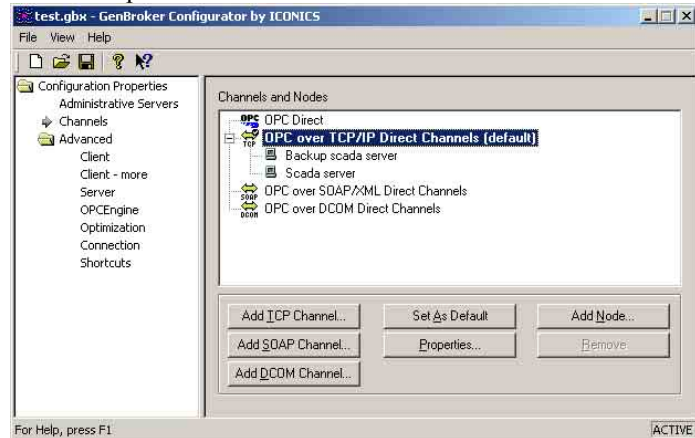


Fig 3: Channels and Adding node

6. Select **File** menu- **Save As** and save the file with a name. Exit GenBroker Configurator.
7. GENESIS32 Browser node now knows to communicate to the Primary & Backup license servers via TCP/IP. You may select any other channel as **DEFAULT**, if you know that communication via that channel will be better.

Running GenBroker on Server side

On SCADA server & BACKUP SCADA server:

1. On the machine(s) that act as Servers (license server/security server or other servers), all that needs to be done, is to start the GenBroker application.
2. Go to **START – Programs- ICONICS GENESIS32-Tools- GenTray**. The GenTray application starts and a pink triangle show up in the system tray.
3. Click on the pink triangle- Select **GenBroker- Start**. This starts the GenBroker application on the server. The server node is now ready to serve up information to any requesting client.

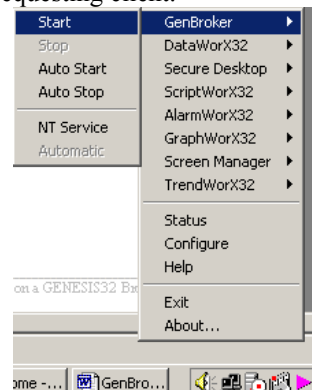


Fig 4: Starting GenBroker application on the server side