



Description: Pocket GENESIS: Using GSM and GPRS Wireless Communications

OS Requirement: Pocket PC 2002, Pocket PC 2003

General Requirement:

The main requirement for using GSM and GPRS wireless communications is that you must have a GENESIS-32 system that is available on the Internet, so that Pocket GenBroker can establish a TCP/IP connection to the GenBroker server. Please refer to the "GENESIS32-DCOM XPSP2 Firewall Settings" App Note for help with firewall settings.

Connect to the Internet

Before connecting to GenBroker you must establish a connection to the Internet via GSM or GPRS. Each Pocket device may have a different method of connecting to the internet, such as launching Internet Explorer and clicking on a link. If you are unsure how to connect your Pocket device to the Internet then please refer to the user manual for the device.

Configure Pocket GenBroker

Configure Pocket GenBroker to connect to the PC on which Genbroker is running by typing in the location of the server. A sample connection for you to test is available at v7.webhmi.com as shown below.

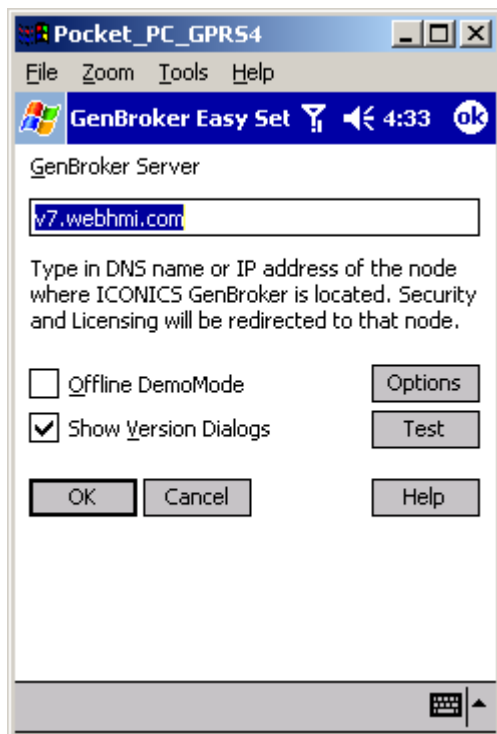


Fig. 1: Configure GenBroker

Once you have entered the location of your server you may conduct a test connection by pressing the Test button as shown below.

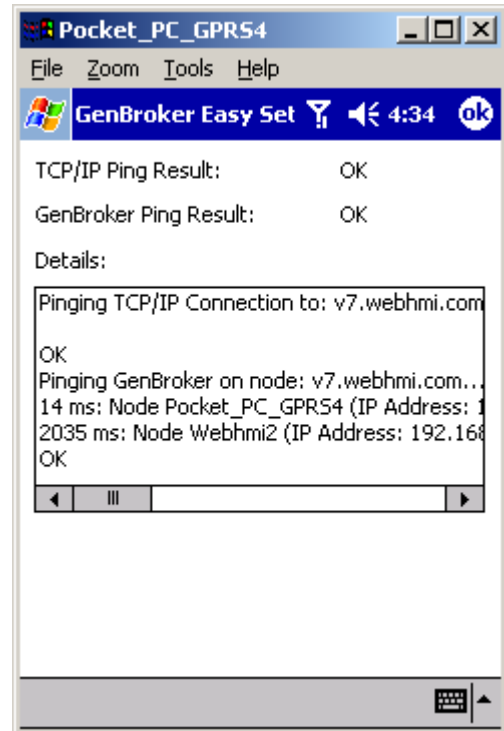


Fig. 2: Test Connection

The GenBroker test will let you know if you were able to do a TCP/IP ping to the server and also ping GenBroker which should be running on the server. Press OK to exit the test results, and press OK at the GenBroker setup screen to save the changes.

Configure Pocket Displays

Now you will need to configure your Pocket GraphWorX, Pocket TrendWorX, and Pocket AlarmWorX displays to point to the correct data. For example, you could use a process point such as the following in a GraphWorX or TrendWorX display: [\\v7.webhmi.com\ICONICS.Simulator.1\SimulatePLC.OUTPUTS.FLOAT2](http://v7.webhmi.com/ICONICS.Simulator.1/SimulatePLC.OUTPUTS.FLOAT2)

Now download the Pocket displays to the your Pocket PC device and open it up in the appropriate program. You should now be seeing live data.