



GENESIS32 - TraceWorX32 Quick Start

APPLICATIONS NOTE

August 2004



Description: Quick Start for configuring and running the Iconics online diagnostic & troubleshooting tool-TraceWorX.

OS Requirement: The operating system required is Win XP/2000/NT.

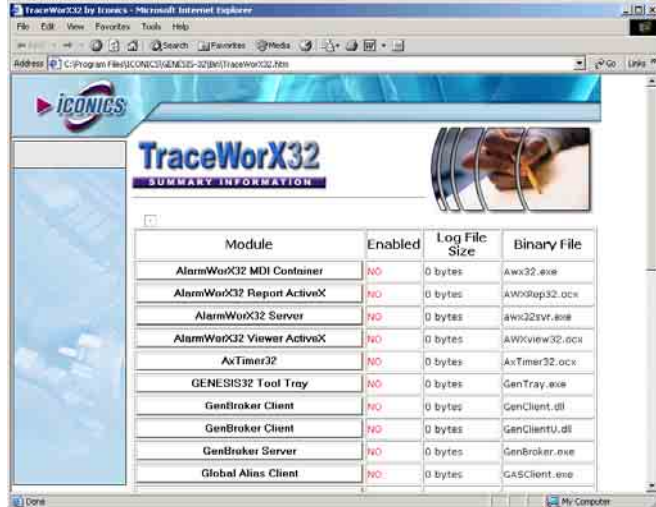
General Requirement:

ICONICS' TraceWorX is an application that helps Genesis32 users to diagnose and troubleshoot any OPC communication activity and errors that may come up during the use of Genesis2 components.

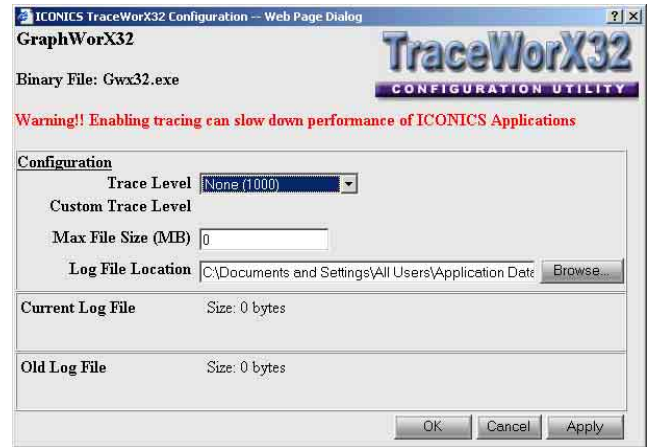
Capabilities:

- This application generates log files that can be emailed to ICONICS for further analysis and troubleshooting of issues.
- This troubleshooting feature is extended to ALL ICONICS' Applications. It is very Easy to use and indeed proves to be a powerful diagnostic tool!

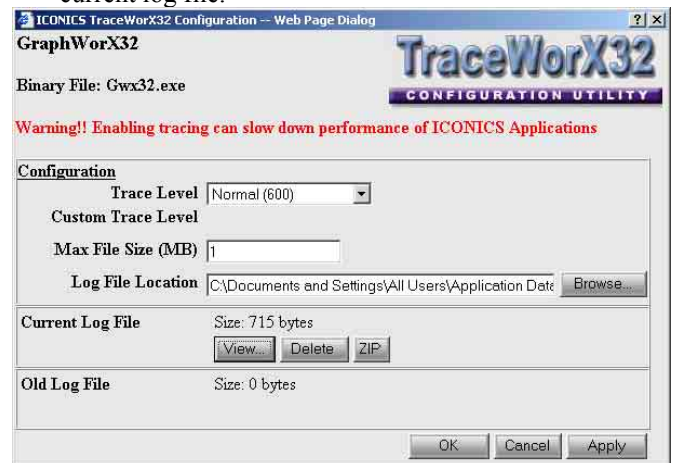
Configure TraceWorX: To configure the ICONICS TraceWorX, go to **Start- Programs- Genesis32- Tools- TraceWorX**. It opens up to an Html page loaded in Internet Explorer. See the figure below.



1. The 4 columns give information about the Application for which Tracing is Enabled, the current size of the log file it is writing to and the Binary file that is being traced.
2. By default, none of the applications are enabled for Tracing. To enable an application, say GWX32, click on **GraphWorX32** under the Module column and the following window comes up.



3. Enable a **Trace Level** (0 will monitor All activity, 1000 will monitor No activity). Custom trace level is for a particular trace level. For now, assign 0 for Trace level. Expect slower system performance for 0 level.
4. Specify a **Max file size**, say 1 MB.
5. Give a **location** for the log file to reside on your machine. We will use the default being C:\Documents and Settings\All Users\Application Data\ICONICS\logs\Gwx32.exe.log.xml.
6. Click Apply & Ok. You may see a message that says there is no default Email client (like MS Outlook) set up. This is required for emailing the log file to ICONICS.
7. You have now successfully enabled TraceWorX for GWX32 application! All activity happening inside GWX32 will now be logged to the log file.
8. Run GWX32 with some process points and dynamics inserted into it.
9. Go back to TraceWorX, click on GraphWorX again, and now you will a dialog that gives a size for the current log file.



10. You can now click on View, Delete or Zip to see the file, delete it off or zip it for emailing later respectively!