



Description: GenTray Quick Start is discussed in this app note.

OS Requirement: The operating system required is Win XP/2000/NT//98/ME and Windows Server 2003.

General Requirement: N/A

The GENESIS32 **GenTray** function allows one to configure the startup and shutdown sequence of the SCADA project. As an example, you first may want to have your DataWorX32 OPC Server up and running prior to the alarm server connecting to it, 5 seconds later. The alarm logger is started a few seconds later and finally the GraphWorX32 process display can be shown.

GenTray Capabilities:

- Control GENESIS Startup/Shutdown sequence
- Manually Start/Stop GENESIS Modules
- Integrated Security
- Import/Export the configuration
- OLE Automation
- Monitors current running applications
- Can setup Genesis modules as NT Service
- Can add custom applications to GenTray and configure them to start/stop from GenTray



Fig. 1: GenTray icon in the Windows System Tray

Configure GenTray

Follow these steps to configure GenTray:

1. To start **GenTray** click Start, Programs, ICONICS GENESIS-32, Tools, GenTray
2. Click the GenTray icon, which shows in the Windows system Tray as shown in figure 1.
3. Select **Configure** and the configuration dialog is shown. See figure 2.
4. Select **DataWorX32** from the drop-down list
5. Select **Include in Auto Start List**
6. Select **Include in Auto Stop List**

Repeat Step 4, 5 and 6 for all GENESIS modules that need to be started/stopped by GenTray. See table for the available modules:

Modules
Gen Broker
GraphWorX32
DataWorX32
ScriptWorX32
AlarmWorX32 Server
AlarmWorX32 Logger
AlarmWorX32 Multimedia Server

AlarmWorX32 Call-In Server
AlarmWorX32 Container
Screen Manager
TrendWorX32 Persistent Trending
TrendWorX32 Reporter
TrendWorX32 SQL Server (Logger)
TrendWorX32 Container
Secure Desktop
Gen Agent

Table 1: Available modules to be started/stopped by GenTray

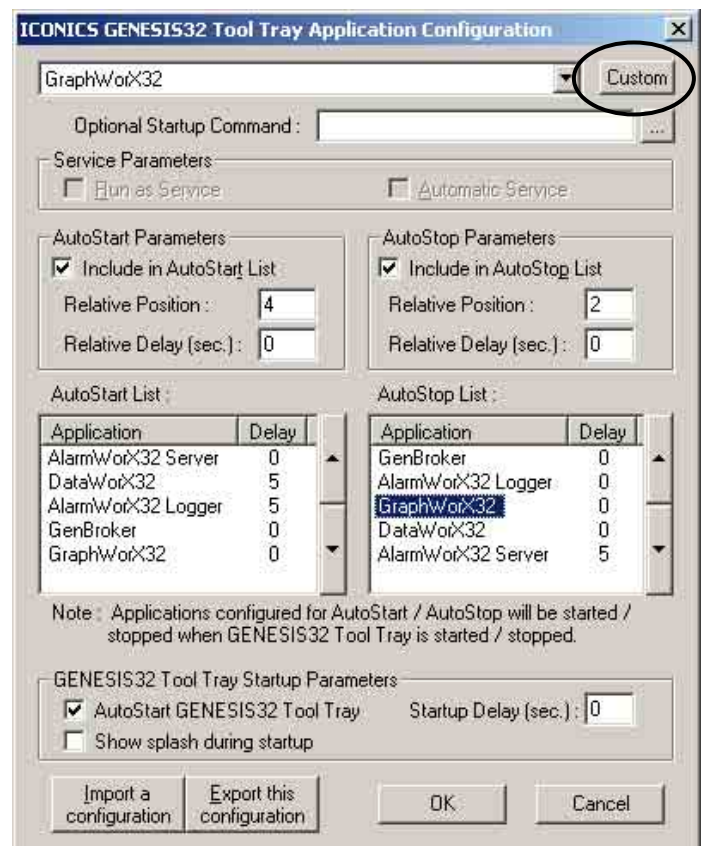


Fig. 2: GenTray Configuration Dialog

7. Select a module from the either list and Click the **Arrow** buttons to change the order in which the modules.
8. Double-Click the **GraphWorX32** module in the Auto Start List and specify the startup display as shown in Figure 3.
9. To set a module as an NT service, select the module from the list and check Run as Service and Automatic service. Next time you reboot the machine, these modules will run as services.

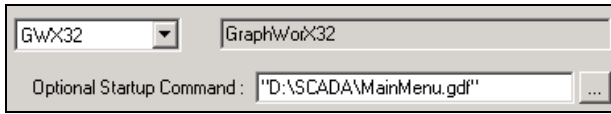


Fig. 3: Startup command

10. Click **Save** in order to accept your configuration.
11. You can add your custom applications to the GenTray, by clicking on the Custom button highlighted in Fig 2. The following window will open up and you can add the application you prefer by clicking on the Add button.

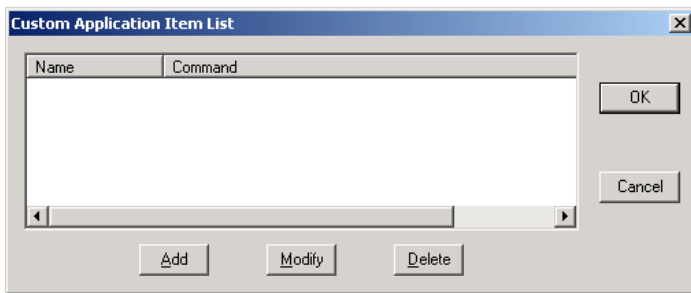


Figure 4 Custom Application Item List

This startup sequence will be effective, the next time GenTray is started. To delete entries in the startup/shutdown list, simply select the item and pres the **DELETE** key.

To automatically start GenTray and your project the next time Windows starts, check the Auto Start check box as shown in Figure 4. To delay the startup of GenTray itself, just add a value in seconds in the Startup Delay entry field.

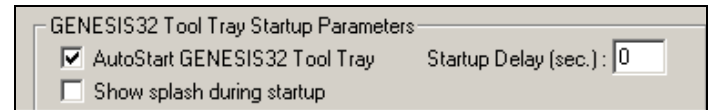


Fig. 5: Delay GenTray itself

Also if you do not want to see the splash screen while GenTray is starting up, and if there is a long delay, you can uncheck the box “Show Splash during startup”. Next time GenTray starts, the Splash screen will not be shown.