

Description: Guide to configuring the startup/shutdown sequence using GenTray

OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7

General Requirement: Installation of GENESIS32 9.x

Introduction

The GENESIS32 Tray allows you to configure the startup and shutdown sequence of your SCADA/HMI project similar to MonitorWorX. This document will walk you through the steps of starting applications in a specific sequence when your computer boots.

Configuring the GENESIS32 Tray

1. Launch GenTray by going to Start → Programs → ICONICS Tools → GENESIS32 Tray
2. Once you have launched GenTray, you should see a pink triangle in your system tray next to the clock.
3. Click on the triangle and select Configure to bring up the ICONICS GENESIS32 Tool Tray Application Configuration window.

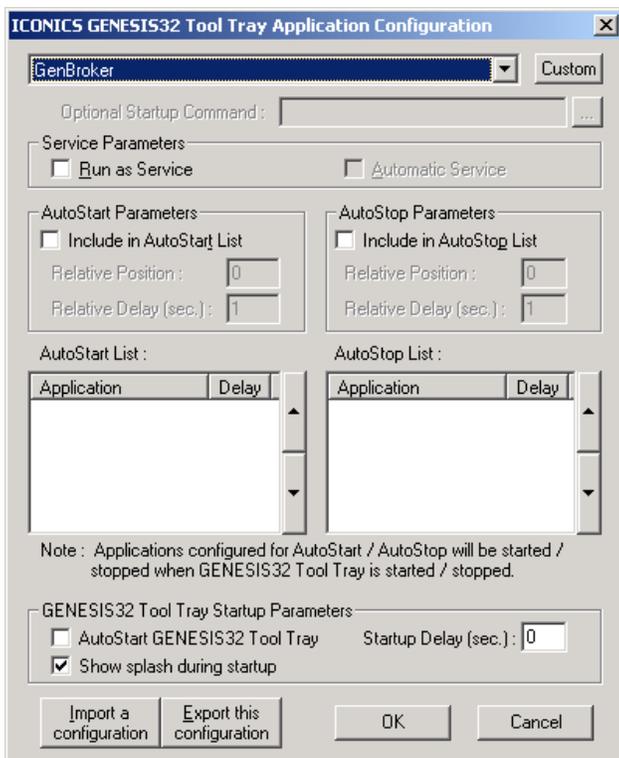


Figure 1 - ICONICS GENESIS32 Tool Tray Application Configuration

4. In the dropdown list, select GraphWorX32.

5. Click on the **...** button and browse to C:\Program Files\ICONICS\GENESIS32\Examples\GEN32DEMO\Home.gdf. This will set the Home.gdf display as the default display when GraphWorX32 launches.
6. Check the Include in Auto Start List option in the AutoStart Parameters section.
7. Check the Include in Auto Stop List in the AutoStop Parameters.

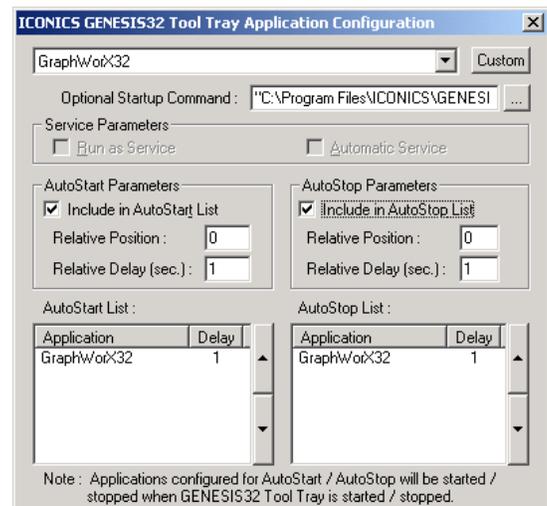


Figure 2 - Starting GraphWorX32 with a Specific File

8. Add-in any other applications that you would like to automatically start or stop. You can change the startup or shutdown sequence by selecting the application and clicking on the up or down arrows to change the position of the application. In this example, we will start AlarmWorX32 server, then the TrendWorX32 SQL Server, and finally, launch the GraphWorX32 Home.gdf display.

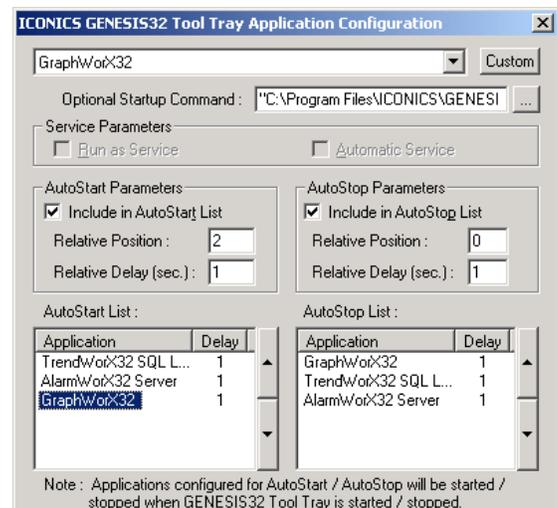


Figure 3 - Startup Sequence

9. Check the AutoStart option in the Startup Parameters section.



Figure 4 - Auto Start MonitorWorX

10. Click on “OK” when you are done configuring the startup sequence. Table 1 shows a list of applications that you can configure.

Table 1 - Configurable Applications

Configurable Modules	Can Run as Service
AlarmWorX32 Container	No
AlarmWorX32 Logger	Yes
AlarmWorX32 Server	Yes
BACnet	Yes
DataWorX32	Yes
GenBroker	Yes
GraphWorX32	No
Screen Manager	No
ScriptWorX2010	Yes
ScriptWorX32	No
ScheduleWorX	Yes
Secure Desktop	Yes
TrendWorX32 Container	No
TrendWorX32 HDA Server	Yes
TrendWorX32 Persistent Trending	No
TrendWorX32 Reporter	Yes
TrendWorX32 SQL Logger	Yes
Unified Data Manager	Yes
Custom Configurable Applications	No

11. Restart your computer to see the effects of this configuration.

Running Applications as Services

1. You can also set your applications to run as a service using GenTray. Follow steps 1-3 in Launching Applications Automatically to bring up the Application Configuration window.
2. Select the Application you would like to run as a service in the dropdown list.
3. In the Service Parameters, check the option Run as Service. You can also set this as an automatic service by checking the Automatic Service Option.

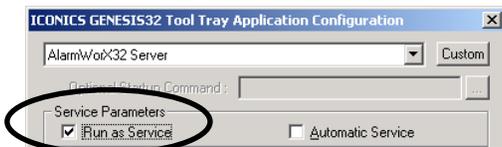


Figure 5 - Service Parameters

NOTE: If the application that you have selected was in your startup list, as soon as you check the Automatic Service Option, the application will be deleted from the startup list.

4. Click “OK” to save the configuration. Restart your computer to apply the changes.

NOTE: You may need to change DCOM settings if you run any applications as a service. Running the Application Setup Utility would generally configure DCOM for you. If you would like to do it by hand, you can refer to the application note entitled *GENESIS32 - Running Applications as Services on Windows 2000*.

Starting Custom Applications

1. You can start none ICONICS applications with GenTray. Follow Steps 1-3 in Launching Applications Automatically to bring up the Application Configuration window.
2. Click on the Custom Button.



Figure 6 - Application Configuration Custom Applications

3. In the Customer Application List, click on “Add”.
4. Browse to the application that you would like to launch. (We will use Microsoft Word as an example here).
5. You would get a properties window for the application you are trying to add, you can simply click “OK” to it.
6. Click on “OK” to return to Application Configuration when you are done adding third party applications.
7. In the dropdown list, select the application that you have added and configure the startup options.

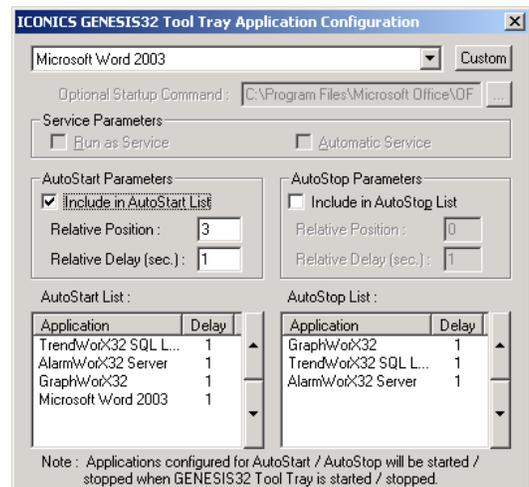


Figure 7 - Third Party Application Configuration

8. Click on “OK” to save the configuration and exit.
9. Restart the computer to see the application take effect.