



Description: Setting up the GENESIS32 Screen Manager.

OS Requirement: The operating system required is Windows 2003/XP/2000/NT/95/98/Me.

General Requirement: General knowledge of GENESIS32 applications.

Background Information

The Screen Manager provides the ability to manage your screen space on single or multiple monitors. The screen manager allows you to configure screen layouts to:

- Manage the screen space on single or multiple monitors.
- Provide the ability to load combinations of pre-configured applications.
- Provide the ability to treat several applications as one desktop display by controlling application window desktop locations and display properties.

A screen manager example project can be found in the **\Program Files\ICONICS\GENESIS-32\Examples\Sample Project** directory. This directory contains the application files: GENESIS32 display files, Bitmaps, Word documents, etc.

The **Template*.pwf** files describe possible screen layouts. The **Layout1.pwf** file is a sample layout, which presents applications at a pre-defined screen location.

The following example demonstrates how screen layouts can be created for your application. You can add as many different layouts as you would like to have. You could even configure the GENESIS32 security server to show a preferred screen layout when a new user logs in.

Preparation

Copy the **Template** files (.pwf), which can be found in the **\Program Files\ICONICS\GENESIS-32\Examples\Sample Project** directory into your own project directory. This example will assume that your project can be found in **D:\myProject**.

Configuration

1. Start the Screen Manager:
 - Click **Start→Programs→ICONICS GENESIS-32→Tools→Screen Manager**.
 - Click **Browse...** and browse to your project directory.
 - Select the file **Template1.pwf** and click **OK**.



Fig. 1: Screen Manager Layout Choice

2. The Screen Manager command bar appears. It allows you to **Drag & Drop** application files to your preferred location on the desktop, and contains the following buttons and features:

- **Logon:** To log into ICONICS Security
- **Layouts:** To choose the type of screen layout you desire.
- **Applications:** To choose the applications to show on the screen.
- **Recent:** To choose from recently created/used Screen Manager template configurations.
- **Alarm Indicator:** To indicate when alarms occur (configure by right-clicking).



Fig. 2: Screen Manager Command Bar

3. Start by choosing a layout for your template. Click the **Layouts** button and choose from the created templates or layouts, or create a new display layout. We are using **Template1**, so select **Template1** and click **Open**.

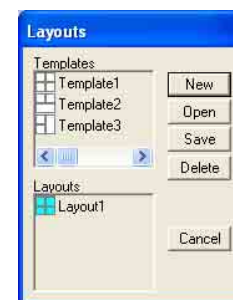


Fig. 3: Choosing Layouts

4. Next, click the **Applications** button to choose applications to display. Browse to and select a GraphWorX32 display as shown in **Fig. 4**.
5. Keeping the file selected, drag and drop it to the top left corner of the Screen Manager layout, or your desktop.

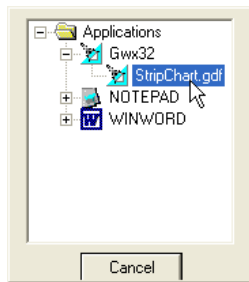


Fig. 4: Choosing Applications

6. The GraphWorX32 display will open and be positioned as just configured, and the top left corner of the layout view on the Screen Manager will now show blue as to confirm an application resides there.
7. Right-click the blue square to open the panel modification screen shown in Fig. 5.



Fig. 5: Modifying Panels

8. Left-click on the blue square to open the **Panel Properties** window. You can edit the configurations for the selected panel here.
9. Entering **-runtime** in the **Command Line** will put the application file into runtime mode when it opens.

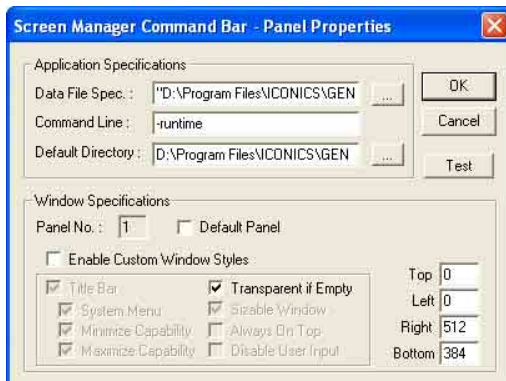


Fig. 6: Panel Properties Window

10. Close out the **Panel Properties** windows when finished.
11. Perform the same steps to configure the other three window panels. Feel free to also try other application files.
12. Click the floppy disk icon to save your configuration to a new file such as **myLayout.pwf**. This layout can be opened at any time using the **Layouts** button.
13. Right-click on the **Screen Manager Command Bar**, select **Commands**, and then **Exit** to close the application.

NOTE: The screen manager can also be started with a command line option. e.g. **ScrMgrBar.exe myLayout.pwf**.