



Your comments and suggestions on the operation of this software are welcome. Please address them to:

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Introduction

New in ICONICS GENESIS32 Version 6.1 is the ability to convert from Intellution FIX displays to ICONICS GraphWorX32 displays. The "FixToGwxTranslator.exe" application, located in the **Tools** directory of the ICONICS product CD, is a simple utility that converts FIX *.jdf files to GraphWorX32 *.gdf files.

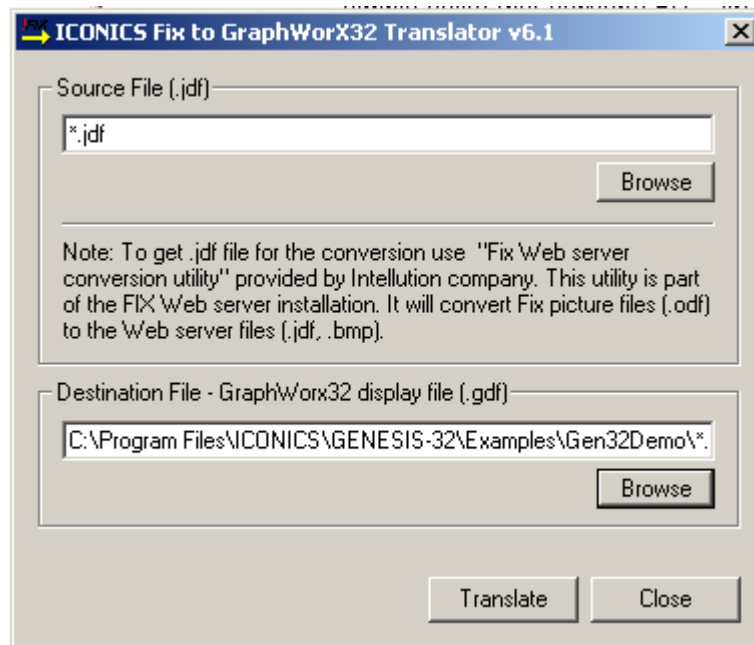
The current version of the translator is an alpha version. However, it provides reliable results, and it can be used to convert static graphics to GraphWorX32.

What Are .jdf Files?

The *.jdf files are produced by a "FIX Web Server conversion utility," which is available as a part of the FIX Web Server installation. This utility will convert FIX picture files (.odf) to Web Server files (.jdf, .bmp).

Using the Translator

Start the "FixToGwxTranslator.exe" from the **Tools** directory. This opens the user interface, shown below. First select the source *.jdf file by clicking the **Browse** button (top). Then select the destination *.gdf file to which the source file will be converted by clicking the **Browse** button (bottom). Then click the **Translate** button. To see and check the results, use GraphWorX32 or the GraphWorX32 Viewer ActiveX.



FIX to GraphWorX32 Translation Utility User Interface

Limitations of Translation

There are two kinds of translation limitations:

1. Limitations due to the Intellution "Web export."
2. Incompatibility issues between ICONICS GENESIS32 and Intellution FIX.

Translator Limitations

This release does not translate the following:

- Dynamic objects
- Alarm and Trend viewers

Intellution "Web Export" Limitations (v1.5)

The current release of FIX Web Server does not support all elements that can be included in FIX pictures.

Tag Groups and Variables: Objects that contain tag groups or variables lose any dynamic properties containing these references. The object still appears in the converted picture.

Command Language Scripts: Any command script that is attached to an object is ignored. The object will appear in the converted picture with no script information.

Text Link Background Color: The background color of any text-derived object, including static text, Data Links, Time Links, Date Links, and System Links, is not converted. These objects are displayed as if they had no background color defined.

Scaled Text Link Items: A text-derived object (static text, Data Link, Time Link, Date Link, System Link) that has been scaled in FIX Draw by dragging a control handle will not be converted in its scaled size. It will appear in the converted picture in its original size.

To address this issue, use the following procedure:

1. Open the picture in Fix Draw.
2. Select the text item(s).
3. Use the **Font** menu to select a new font size for the text item. The new size must be different from the default size shown in the dialog.
4. Click **OK** to accept the new size. You may need to repeat this process until the text appears in the correct size in the Draw picture.
5. Save the picture and reconvert using the FIX Web Server Conversion Utility.

Invisible Colors: Objects with "invisible" colors in FIX threshold tables allow other colors to show through. When converted, the threshold tables with invisible colors behave slightly differently. If the threshold color is visible, the object is colored correctly. However, for those threshold values that would create an "invisible" color, the entire object becomes invisible. This is true for any color threshold: foreground, background, edge, or alarm.

Background Color Thresholds: In FIX Draw, background color thresholds work the same way as foreground thresholds; that is, you never really see the background color if the foreground is visible. When converted, the background color of the object becomes visible. In order to duplicate the behavior of FIX View, Intellution recommends changing objects with backgrounds to use foreground thresholds instead.

Fill Styles: Only solid and hollow fill styles are supported by FIX Web Server. Other fill styles are converted to solid fill.