



Description: Guide to configuring GENESIS64 applications to run in a browser.

OS Requirement: Vista x64/ Windows 7 x64/ Windows 8 x64/ Windows Server 2008 x64/ Windows Server 2008 R2 x64/ Windows Server 2012.

General Requirement: For classic displays, the client machines should have Internet Explorer 7.0 or above. GENESIS64 v10.8 should be installed on your server machine.

Introduction

GENESIS64 allows connecting any clients via Internet Explorer version 7 or higher, even on machines with 32 bit operating systems. In this document, we will detail the steps necessary to set up this remote communication for both GraphWorX64 and Workbench Classic versions. In addition GraphWorX64 Silverlight and Workbench Silverlight versions can be viewed in any browser that supports Silverlight.

Server Side Settings

This document assumes that you have the standard GENESIS64 samples and the standard Workbench project that come with the GENESIS64 installation. All necessary settings are set during the product installation.

Also, if your GENESIS64 Server has a firewall running on it, you will want to make sure that port 80 is open.

Client Side Settings (Classic)

When using the Classic Workbench or GraphWorX64 displays in Internet Explorer, you'll need to download and install **Microsoft .NET Framework 4.0** or above. You can download the framework at:

<http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=17718>

Once you have the .NET framework installed, you need to add your GENESIS64 web server to the trusted sites of the client machine.

NOTE: In the steps below, replace all instances of "MyServer" with your GENESIS64 server's name or IP address.

1. Open Internet Explorer, select Tools → Internet Options, and go to the Security tab.
2. Selected the Trusted Sites option and click on the "Sites" button to add the web sites <http://MyServer> and websites stated below to the Internet Trusted Sites.

3. At this point verify you can connect to the GENESIS64 server by navigate to <http://MyServer>. You should see a default welcome site from your IIS7 server.
4. Next, to run GENESIS64 Workbench in Internet Explorer, navigate to:

[http:// MyServer/GENESIS64/WebSites/PubDisplay/Workbench.htm](http://MyServer/GENESIS64/WebSites/PubDisplay/Workbench.htm)

You will be prompted to **Run** an application similar to Figure 1.

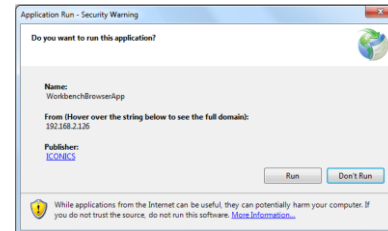


Figure 1 - Allowing Workbench to run

5. You will then see a loading bar displaying the progress. When this completes you should now see the Workbench.
6. If you press F11, Internet Explorer goes to the full screen mode, hiding the Internet Explorer navigation and menu bar. You can also open GraphWorX64 display in Runtime or load the configuration tools inside Workbench.
7. Similarly you can open GraphWorX64 Runtime in a separate Internet Explorer window by navigating to:

[http:// MyServer/GENESIS64/WebSites/PubDisplay/GwxRuntime.htm](http://MyServer/GENESIS64/WebSites/PubDisplay/GwxRuntime.htm)

or load the GraphWorX64 configuration by navigating to:

[http:// MyServer/GENESIS64/WebSites/PubDisplay/GwxConfiguration.htm](http://MyServer/GENESIS64/WebSites/PubDisplay/GwxConfiguration.htm)

NOTE: The applications can be launched from Windows Start menu.

Client Side Settings (Silverlight)

When using the Workbench Silverlight or GraphWorX64 Silverlight, both accessible from Windows Start menu, you'll need to have Silverlight plug-in installed. Note that other web browsers that support Silverlight such as Safari, Firefox, Opera, etc. are also supported by GENESIS64 Silverlight versions. If Silverlight is not detected, you will be provided a link to launch the installer.

For more information about the different versions of GraphWorX64 and Workbench, please refer to the help documentation and additional Application Notes.