



Workbench32 – Running in Internet Explorer



APPLICATIONS NOTE

July 2011

Description: Guide to configuring GENESIS32 applications in Internet Explorer using the Workbench32.

Server Requirements: Windows XP, Server 2003, Vista, Server 2008, or Windows 7, Internet Information Services 5.1 or higher, GENESIS32 should be installed with WebHMI and Workbench32

Client Requirements: Windows XP, Server 2003, Vista, Server 2008, or Windows 7, Internet Explorer 7.0 or above.

Introduction

Starting in version 9.20, users can use the Workbench32 and WebHMI to remotely configure many parts of your GENESIS32 system. Workbench32 can be launched in Internet Explorer version 7 or higher. This document will detail the steps necessary to set up this remote communication.

For more details on how to use Workbench32, please see the Workbench32 documentation.

Server Side Settings

This document assumes that you have the standard GENESIS32 samples and the standard Workbench32 project that is available by default with your GENESIS32 installation. All necessary settings are set during the product installation, and described hereafter.

If your server is running a **32-bit OS** and **Internet Information Services version 7 or later**, make the following change. Otherwise, skip to the client settings.

Open applicationHost.config in Notepad or another text editor. This file is usually found in C:\Windows\System32. Find this line:

```
<add fileExtension=".config" allowed="false" />
```

Change “false” to “true”. The changed line should look like:

```
<add fileExtension=".config" allowed="true" />
```

Client Side Settings

The client machine will need some additional setup, but we provide a helpful page in Workbench32 to assist you with this setup.

These steps use “ServerMachine” as a placeholder for your GENESIS32 server’s machine name or IP address. Please replace *ServerMachine* with the name or IP address of your server machine.

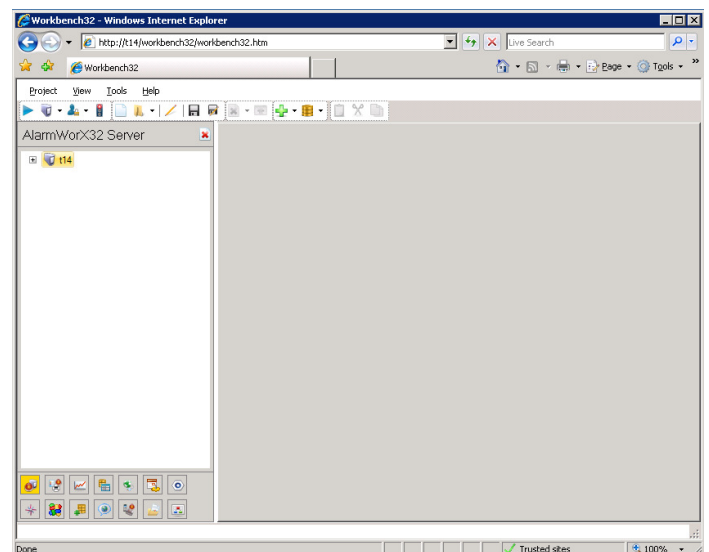
1. Navigate to <http://ServerMachine/workbench32/default.htm>. Once the page loads completely, click the Validation button to verify that you have the necessary settings. For any requirements not passed, click the solution link to resolve the problem.

To verify that your caspol security has been correctly set, you may check these settings manually. The Caspol utility is automatically installed with the .NET Framework and does not require any SDK. The location of the executable is located by default in **C:\Windows\Microsoft.NET\Framework\v2.0.50727**.

Open the command prompt and run one or both of the following commands:

- a) If you want to check whether the permission set has been correctly applied, you can run the command:
caspol -lg
- b) To change the settings manually, execute the following command: **caspol -cg Trusted_Zone FullTrust** (enter **yes** when prompted - this will apply the permission set “FullTrust” to the Zone “Trusted”)

2. Next, navigate to <http://ServerMachine/workbench32/workbench32.htm> to run GENESIS32 Workbench32 in your Internet Explorer. When the components are downloaded, you should see the Workbench32.
3. If you press F11, Internet Explorer will enter full screen mode. This mode allows you to hide the Internet Explorer navigation and menu bar, which lets you view the application more like it was installed locally on your machine.



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