

Description: A guide to setting up the Windows Firewall on a GENESIS64 WebHMI server.

OS Requirement: Windows Server 2003 x64/Vista x64/ Server 2008 x64/Windows 7 x64/ Server 2008 R2 x64

General Requirement: Installation of GENESIS64 v10.6x and basic knowledge of GENESIS64 WebHMI.

Introduction

GENESIS64 allows any Internet Explorer clients (version 7 or higher) to connect and view Workbench and GraphWorX64 pages, even on machines with 32 bit operating systems. In this document, we will detail the steps necessary to set up the Windows firewall for WebHMI server.

NOTE: For more information about seeing GENESIS64 data in Internet Explorer, see the application note entitled, *GENESIS64 - Running in Internet Explorer*.

Which Port to Open

FrameWorX Server can be configured to use any TCP port. To find out which one it is using, open Workbench on your server and go to File → Tools → FrameWorX Server. You should see a dialog similar to Figure 1 below. The default is port **8788** (when using NET.TCP). Port **80** is the default for HTTP.

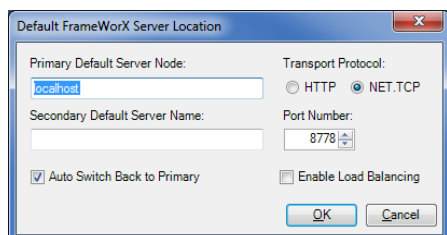


Figure 1 - FrameWorX port settings

Opening the Port in Windows 7 and Windows 2008

1. Open the Control Panel and go to Windows Firewall.
2. In the left pane, click Advanced settings – see Figure 2.
3. In the left pane select Inbound Rules.
4. In the right pane select New Rule – see Figure 3.
5. In the New Inbound Rule Wizard select Port and click Next.
6. Specify the port number that FrameWorX was using in the “Which Port to Open” section.



Figure 2 - Windows Firewall basic settings

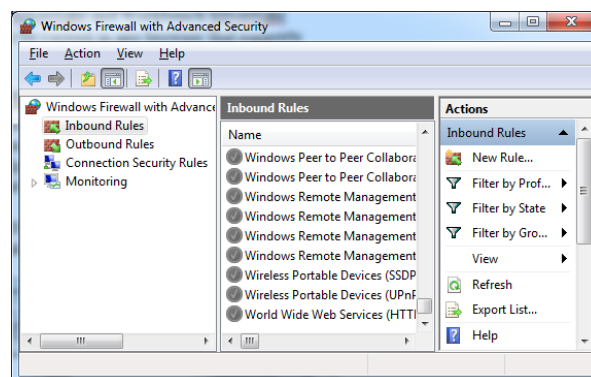


Figure 3 - Windows Firewall advanced settings

7. Select “Allow the connection” and click Next.
8. Leave the additional settings at their defaults and click Next.
9. Specify name for this rule (such as “FrameWorX”) and click finish.
10. In some cases you will also need to add the same rule for Outbound Rules. The setting will be similar to the Inbound Rule settings.