

Description: Guide to configuring a Windows Server 2003 machine to publish GraphWorX32 displays for WebHMI.
OS Requirement: Windows Server 2003
General Requirement: Genesis v9.x, WebHMI v9.x, Internet Information Service (IIS) and FTP Services must be installed.

Introduction

Windows Server 2003 does not support HTTP publishing due to its security vulnerabilities. However, it is still possible to publish your displays on a Windows Server 2003 machine. This document will list the steps regarding how to publish your displays using this operating system.

Setting up FTP Service

1. Go to Start → Settings → Control Panel → Add/Remove Programs
2. Once the Add/Remove Programs window comes up, click on “Add/Remove Windows Component” button
3. Click on “Application Server” and click “Details”
4. Click on “IIS” and then click “Details”
5. Check the box besides FTP Services and click “OK”.

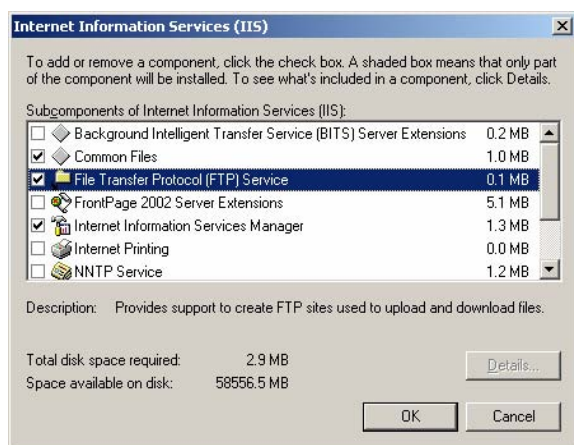


Figure 1 - Installing FTP Services

6. Click “OK” until you reach the Add/Remove Windows Component dialog. Click “Next” to install the FTP Service.

NOTE: You will need your Windows Server 2003 CD to install this, please obtain it from your IT department or have your IT professional help you install it.

7. Open the IIS Manager by going to Start → Settings → Control Panel → Administrative Tools → Internet Information Services

8. In the tree control on the left-hand side in the IIS Manager, expand your computer → FTP Sites.
9. Right-click on Default FTP Sites and select New → Virtual Directory.

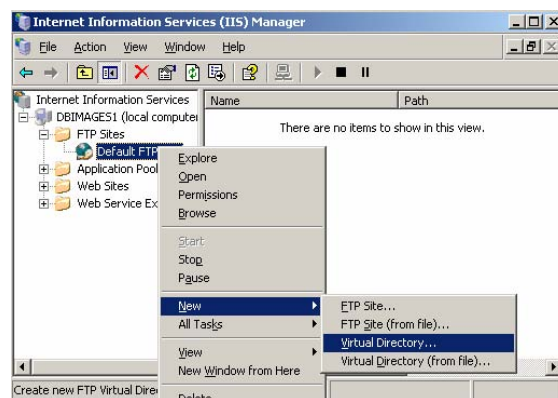


Figure 2 - Creating a Virtual Directory

10. Type in “WebHMI” (without quotes) as the Alias of the directory and click “Next”.
11. Click on the “Browse” button and browse to C:\Program Files\Common Files\ICONICS\WebHMI, and click “Next”
12. Check both Read and Write Permissions for the virtual directory if it is not already checked. Click “Next”
13. It should confirm that you have successfully created a virtual directory. Click “Finish” to complete the process.
14. In the IIS Manager window, right-click on Default FTP Site and select Properties.
15. Go to the Home Directory tab and check Write to give write permissions and click “OK”

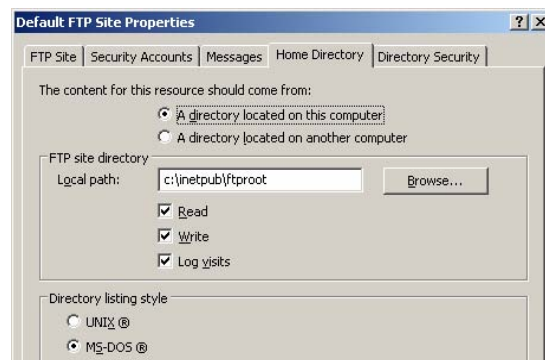


Figure 3 - Default FTP Site Home Directory

16. You can close the IIS Manager.

Publishing Your GraphWorX32 Display

1. Save your GraphWorX32 display without VBA
2. Click on the “Publish to HTML”  button.
3. Click on the “Advanced” button on the bottom.
4. When the Web Publishing Wizard Properties comes up, click on the Publishing Channel tab and select to use the FTP Channel, and then click “OK”.



Figure 4 - Publishing Channel

5. Click “OK” to Publish in the Web Publishing Wizard.
- NOTE:** Do not change the path in Publish to Web Server to a FTP path. You should leave that as HTTP.
6. An FTP Connection window will pop-up, fill in the FTP Path as: <ftp://WebServer/WebHMI> (you should replace WebServer with the name of your computer or your IP address)
 7. Enter a user name and password and then click “OK” to finish Publishing.

NOTE: For successful publishing, you must use an administrator account which must have a password. An administrator account with a blank password will not work.



Figure 5 - FTP Connection Credentials

8. You should get a confirmation that the pages published successfully or a failure message.
9. Once you have published successfully, you can try to view your pages on a client machine without GENESIS32 on it. You would view the page on your client machine by going to <http://WebServer/WebHMI/PublishedPage.htm>