

Description: Guide to configure a Windows XP SP2/SP3, Server 2003, Windows 7 or Windows Server 2008 to publish GraphWorX32 displays via FTP for WebHMI.

OS Requirement: Windows XP XP2, XP3 , Server 2003, Windows 7 and Windows Server 2008

General Requirement: Genesis v9.x, WebHMI v9.x, Internet Information Service (IIS) and FTP Services must be installed.

Introduction

Due to security vulnerabilities Windows does not support HTTP publishing since Windows Server 2003. However, it is still possible to publish your displays via FTP.

Publishing displays via FTP is a two step procedure. You have to firstly set up FTP sites and create a Virtual FTP directory and then use GraphWorx32 to publish displays.

Step I :

a) Setting up FTP Service:

Windows XP / Server 2003:

- Go to Start → Settings → Control Panel → Add/Remove Programs.
- Click on “Add/Remove Windows Component” button.
- Click on “Application Server for Windows Server 2003 ” and click “Details”.
- For Windows XP, click on “IIS” and then click “Details”
- Check the box File Transfer Protocol (FTP) Service and click “OK”.

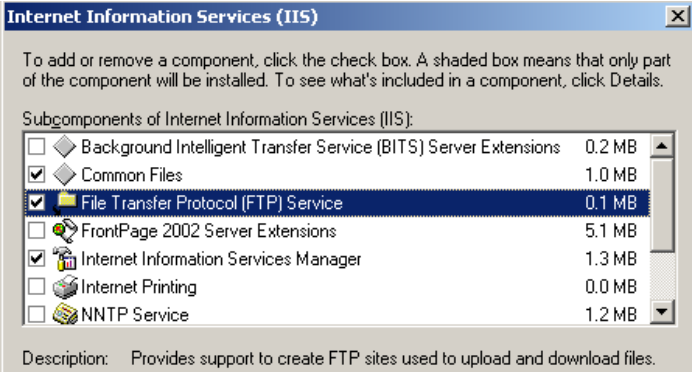


Figure 1 - Installing FTP Services on Windows Server 2003 / XP

- Click “OK” and click “Next” to install the FTP Service.

Windows 7:

- Go to Start → Settings → Control Panel → Programs and Features.
- Turn Windows Feature On or Off.
- Select Internet Information Service.
- Check FTP Server, including FTP Extensibility and FTP Service and press OK.

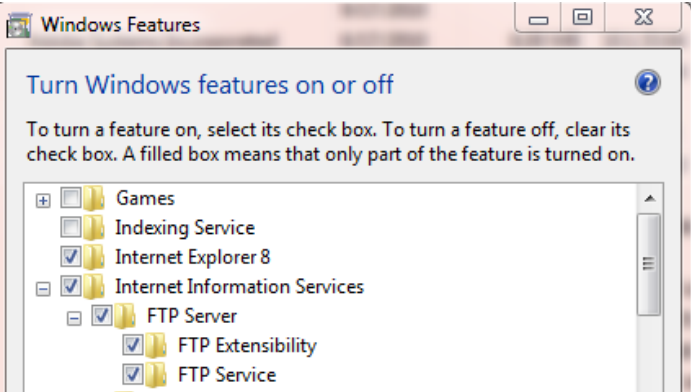


Figure 2 - Installing FTP Services on Windows 7

Windows Server 2008

- Go to Start → Settings → Control Panel → Programs and Features.
- Turn Windows Feature On or Off. Windows Server Manager will pop-up.
- Expand Roles and Select and Web Server (IIS)

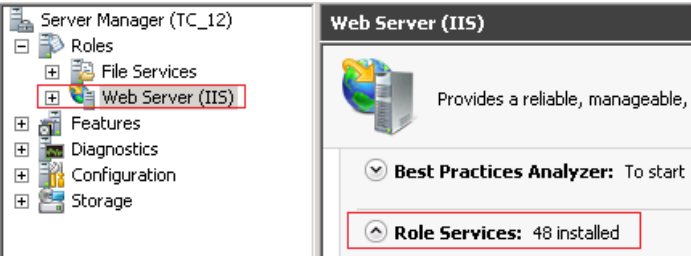


Figure 3 - Installing FTP Services on Windows Server 2008

- Expand Installed Role Services and make sure that FTP Server is installed. If not, proceed to step 5.

IIS 6 Management Console	Installed
FTP Server	Installed
FTP Service	Installed
FTP Extensibility	Installed

- Install FTP Server by Adding a Role Service.



6. Select FTP Server and follow the instructions to finish adding FTP.

b) Creating a Virtual Directory Under Default FTP.

Windows XP / Server 2003.

1. Open the IIS Manager by going to Start → Settings → Control Panel → Administrative Tools → Internet Information Services
2. In the tree control on the left-hand side in the IIS Manager, expand your computer → FTP Sites.
3. Right-click on Default FTP Sites and select New → Virtual Directory.

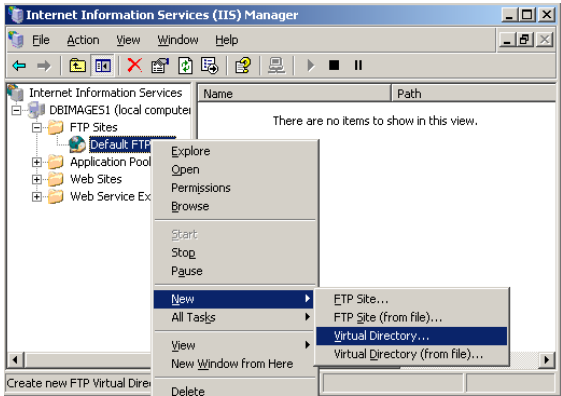


Figure 2 - Creating a Virtual Directory

4. Type in “WebHMI” (without quotes) as the Alias of the directory and click “Next”.
5. Click on the “ Browse” button and browse to C:\Program Files\Common Files\ICONICS\WebHMI, and click “Next”
6. Check both Read and Write Permissions for the virtual directory . Click Next and click “Finish” to complete the process.

Note: Make sure that Read / Write are checked as well for default FTP Directory.

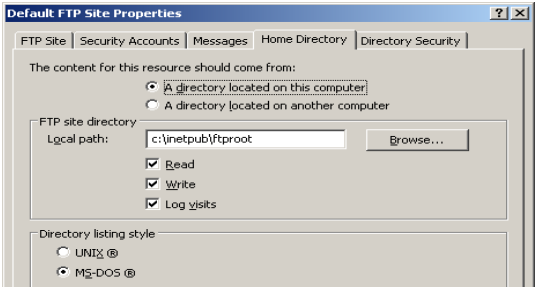


Figure 3 - Default FTP Site Home Directory

Windows 7 / Server 2008.

1. Go to Start → Settings → Control Panel → Items\Administrative Tool → Internet Information Services (IIS) Manager .
2. Expand Sites →Add FTP Site and create a Default FTP site.

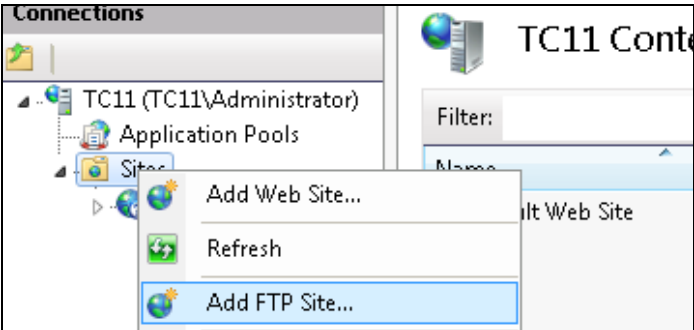


Figure 4 – Adding Default FTP Site

3. Enter “ Default FTP” as FTP site name and browse to Physical path to “C:\inetpub\ftproot directory and click OK and then NEXT.

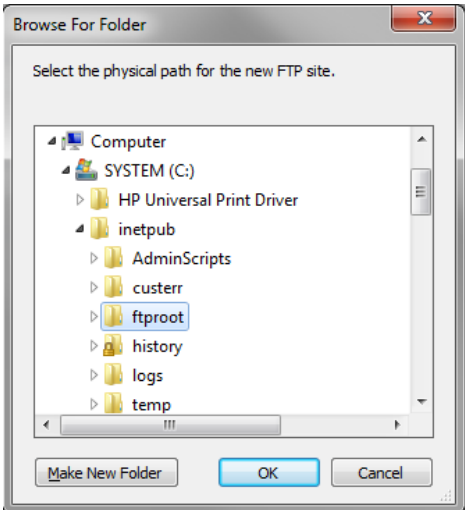


Figure 5 – FTP Physical Directory

4. Select All Unassigned , Start FTP Site Automatically, No SSL and press NEXT.
5. For Authentication, check “ Anonymous and BASIC”.
6. For Authorization, check All User
7. Check Read and Write under Permissions and press Finish .

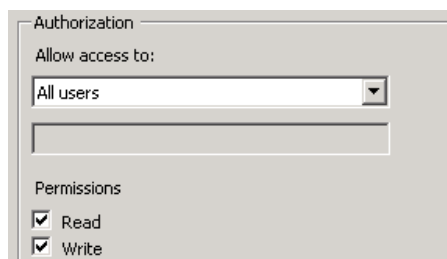


Figure 7 – Authorization and Permissions

Adding a Virtual Directory for Default FTP Site:

8. Right Click on “ Default FTP” site and select “ Add Virtual directory.

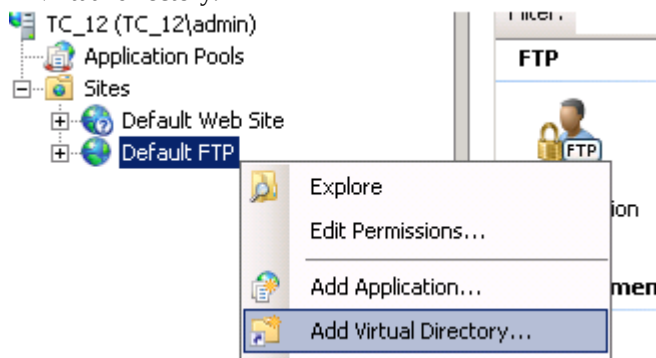


Figure 8 – Add Virtual Directory Under Default FTP.

9. Type in “WebHMI” (without quotes) as the Alias of the directory and click “Next”.
10. Click on the “ Browse” button and browse to C:\Program Files (x86)\Common Files\ICONICS\WebHMI, and click “Next”.
11. Check both Read and Write Permissions for the virtual directory . Click Next and click “Finish” to complete the process.

NOTE: Make sure that Read / Write are checked as well for default FTP Directory.

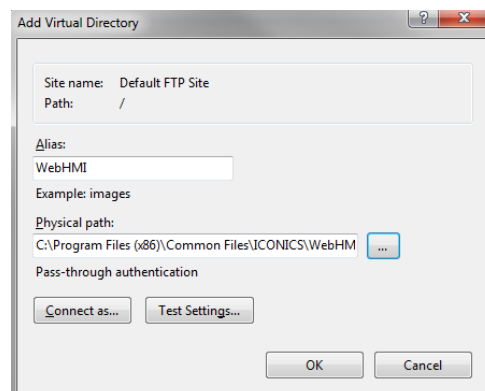


Figure 9 – Default FTP Site Home Directory.

Step II: Publishing Displays Using GraphWorX32.

1. Create or open a GraphWorX32 display to be published.
2. Save your GraphWorX32 display without VBA

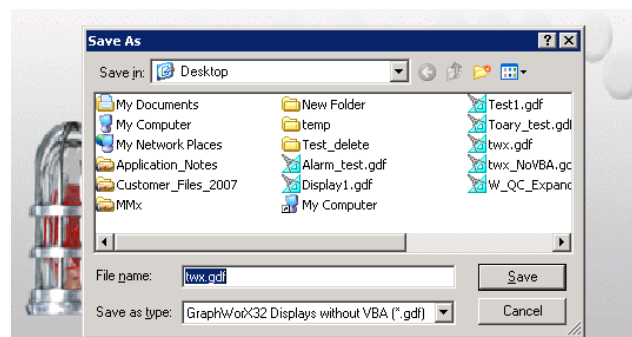


Figure 10 – Saving GraphWorx32 display.

After saving, publish to HTML and click on Advance Tab.

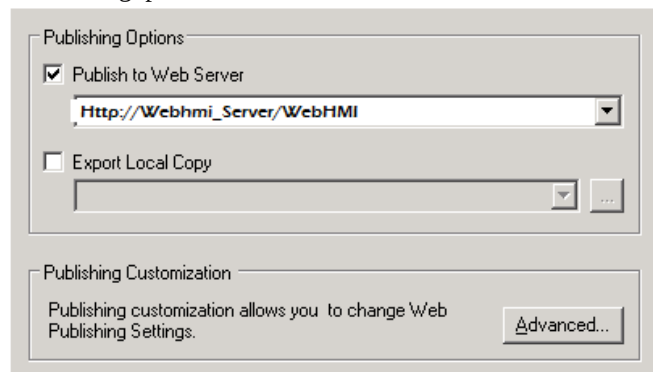


Figure 11 – Publishing customization.

NOTE: Do not change the path in Publish to Web Server to a FTP path. You should leave that as “ HTTP”.

3. Click on Publishing Channel tab and select FTP Channel, and then click “OK”. to publish.

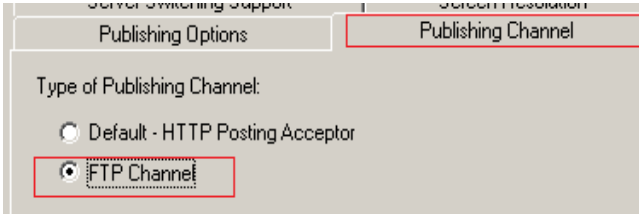


Figure 12 - Publishing Channel

4. An FTP Connection window will pop up. Enter your FTP address (ftp://WebHMI_Server_Name/WebHMI), the user name and password and then click “OK” to finish Publishing.

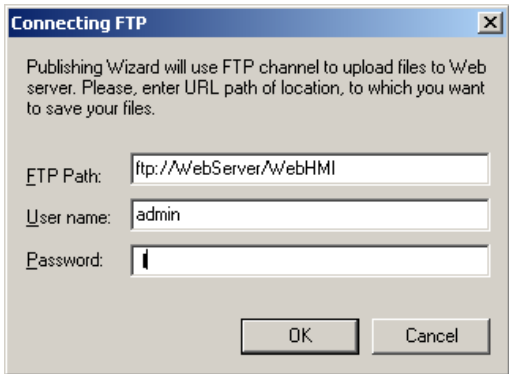


Figure 13- FTP Connection Credentials

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.