



Description: Guide to configuring a Windows Server 2003 machine to allow the publishing of GraphWorX32 displays for WebHMI. This configuration could include two machines: the WebHMI server and the machine publishing to the server. In many cases, however, the publishing machine will be the server machine.

OS Requirement: Two separate machines are not necessary, but if two are used:

Server: Windows Server 2003

Publisher: Windows Server 2003, Windows XP, Windows 2000 Pro/Server, Windows NT

General Requirement:

- Genesis32 Version 8.0
- WebHMI version 8.0
- Internet Information Service (IIS)
- FTP Service

Background Information

Due to Windows Server 2003's increased security, publishing on this platform must be done using the FTP channel.

FTP Service Setup

FTP Service is required for web publishing to work in Windows Server 2003 but it is not installed by default with IIS. To install FTP Service:

1. Open the **Add/Remove Programs** dialog from the **Control Panel**.
2. Open the **Add/Remove Windows Components** dialog.
3. Click on **Application Server** and click **Details**.
4. Click on **IIS** and click **Details**.
5. Check the box beside **FTP Service** and click **OK**.

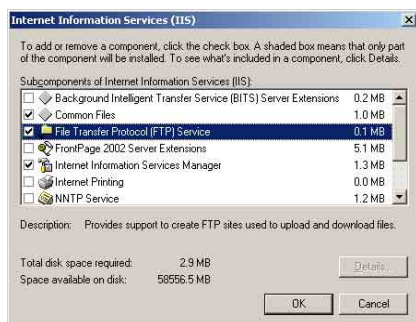


Fig 1: FTP Service Installation

6. Click **OK** until you reach the **Add/Remove Windows Components** dialog. Click **Next** to install the **FTP Service**.
7. Open the **IIS Manager** from the **Administrative Tools** in the **Control Panel**.
8. Double click on your computer and you should see there are four folders, one of them being **FTP Sites**.



Fig 2: IIS Manager

9. Double click on **FTP Sites** and you should see a **Default FTP Site**.



Fig 3: Default FTP Site

10. Right click on **Default FTP Site** and select **New → Virtual Directory**.

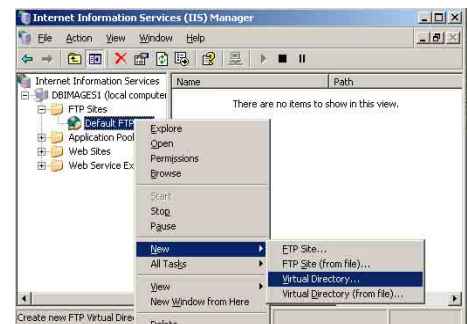


Fig 4: Creating a Virtual Directory

11. Enter a name for the directory when prompted for an **Alias**. For example: **WebHMI**.



Fig 5: Alias for Virtual Directory

12. When prompted for the path, click **Browse** and browse to the WebHMI folder: **C:\Program Files\Common Files\ICONICS\WebHMI**.

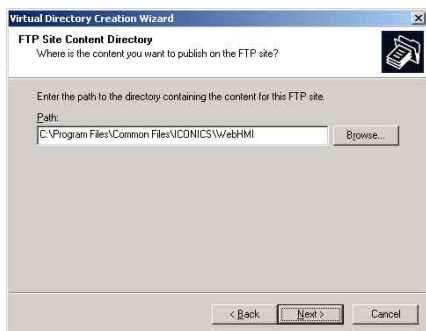


Fig 6: Path for WebHMI Directory

13. After clicking **Next**, check the **Write** checkbox. Click **Next** and **Finish**.

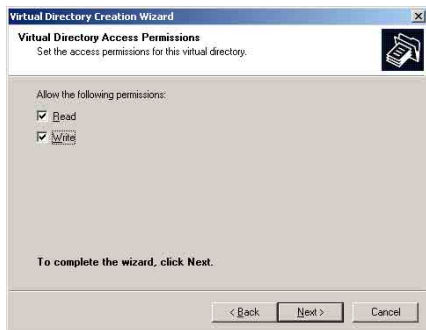


Fig 7: Read and Write Permissions

14. Go back out to the **IIS Manager** window and select **Properties** of the **Default FTP Site** by right clicking on it.
15. Go to the **Home Directory** tab and check **Write** to give write permission and click **OK**.



Fig 8: Home Directory

NOTE: For successful publishing, you must use an Administrator account that has a password. A blank password is not permitted.

Publisher Configuration

Make sure the FTP Service is enabled before publishing and GenBroker is configured for WebHMI.

1. Save the GraphWorX32 display as a page without VBA.
2. Click on  or go to **Tools → Publish to HTML** to publish.
3. Click **Advanced** and click on the **Publishing Channel** tab.
4. Select **FTP Channel** and click **OK**.



Fig 9: Publishing Channel

NOTE: Do not change the path under **Publish to Web Server** to an FTP path.

5. After clicking **OK** to publish, enter the FTP path for where you want to save your files which should be **ftp://<your_node_name>/webhmi** and the login information which should be the administrator when prompted.

Viewing a published page

1. Enter the FTP URL that you published to. It usually is **ftp://<node_name>/webhmi/<web_page_name>.htm**.
2. Click **Yes** when prompted to install the ActiveX controls.

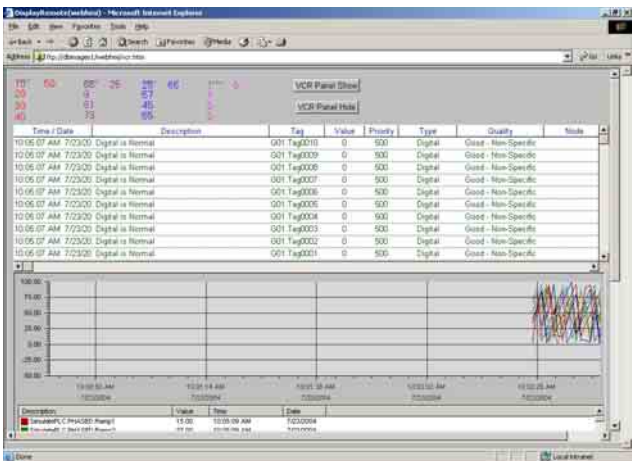


Fig 10: A published webpage