
MPEG-1, 2 & 4



**VBrick Streaming Distribution System
Release Notes
Version 2.0.0b**

**December 18, 2003
4410-0045-0005**

Purpose

This document contains the release notes for version 2.0.0 of the VBrick Streaming Distribution System (VBSDS) Software. It contains:

- Overview
- Installation instructions
- Upgrade instructions
- Maintenance instructions
- Uninstall instructions
- Feature enhancements
- Caveats

Any information contained within this document is to be considered VBrick Systems customer confidential and should not be reproduced nor distributed to non VBrick Systems customers.

Overview

The VBSDS is a video stream and source device management system accessed through the Microsoft Internet Explorer browser. A detailed description can be found in the VBrick Streaming Distribution System (VBSDS) Users Guide.

The **VBSDS Installation CD** contains:

- **SDSServerSetup_2_0_0.exe** – Executable installing all necessary VBSDS version 2.0.0 Server components to a target VBSDS Server machine.
- All SDS documentation.
- VBSDS version 2.0.0 requires the installation of a License File, normally supplied on an accompanying floppy disk.


Installation Instructions

Please note: If the software is to be installed on a server running Windows 2003 server, make sure to also follow the direction in the section below titled “Additional Configuration Steps - VB-SDS interoperation with MS Windows 2003 Server.”

If this is an upgrade of an existing SDS server, please go to the Upgrade Instructions section.

1. Make note of the name of the server machine where the VBSDS server will be installed.
2. Find and run **SDSServerSetup_2_0_0.exe** on the **VBSDS Installation CD**.
3. The InstallShield Wizard will extract and start the **VBrick SDS Server Setup**.
4. Click the **Next>** button in the **Welcome** dialog box.
5. Read the End-User License Agreement (EULA) in the **License Agreement** dialog box. If the license terms are acceptable, click the **Yes** button.
6. The **Program File Path** dialog box displays the default VBSDS Directory path: **E:\Program Files\VBrick**. Click the **Next>** button to install to the default path. If the

VBSDS server is to be installed on another drive, click the **Browse...** button to specify the drive.

7. The newest version of several system DLLs will be installed. In the **System DLLs Backup** dialog box, check the **Backup system DLL's to the Backup folder** checkbox if a copy of the current version of each of these DLLs is needed. Then click the **Next>** button.
8. Follow the directions in the **License File** dialog box.
9. After the License file has been specified, the **Setup Status** dialog box will display the progress of the copy of VBSDS files to the server.
10. The **License Server Location** dialog box will appear if the License file specifies that a License Server will be used. Follow the directions in the dialog box to change or retain the current location of the License Server.
11. Click the **Finish** button in the **InstallShield Wizard Complete** dialog box.
12. * For machines running the VBrick Video-on-Demand Server (VBVoD), close the VBrick Video on Demand Server Application.
13. From **Start** on the Taskbar select **Programs ► Administrative Tools ► Internet Services Manager**.
14. The **Internet Information Services** dialog will appear. In the left frame under the Internet Information Services tree list, double click the VBSDS Server machine name.
15. Right click on **Default Web Site** drop down item, select **Stop** from the popup menu. Verify that the item is shown with (stopped).
16. Right click again on the **Default Web Site** item, select **Properties** from the popup menu.
17. The **Default Web Site Properties** dialog box will appear. Select the Home Directory tab.
18. In the Home Directory property page, type the location of the installed SDS Active Server Pages (default **E:\Program Files\VBrick\SDS Server**) into the **Local Path:** field or click on the **Browse...** button to locate the directory.
19. Select the Documents tab. Verify that the Enable Default Document checkbox is checked. Click the **Add** button.
20. In the Add Default Document dialog box enter the Default Document Name: **SDSMain.asp** and click **OK**.
21. Move **SDSMain.asp** to the top of the document list with the  button.
22. Click **OK** at the bottom of the Default Web Site Properties dialog box. If the Inheritance Overrides dialog box appears click the **OK** button.
23. In the left frame under the Internet Information Services tree list, click on Default Web Site.
24. In the Internet Information Services dialog menu select **Action**.
25. From the drop down menu select **New ► Virtual Directory**.
26. In the **Virtual Directory Creation Wizard**, click the **Next >** button.
27. In the **Virtual Directory Alias** wizard page, type **SDS** into the **Alias:** field. *Note: the alias is case sensitive so enter it exactly.* Click the **Next>** button.
28. In the **Web Site Content Directory** wizard page, type the location of the installed VBSDS Active Server Pages (ASPs, default location is **E:\Program Files\VBrick\SDS**

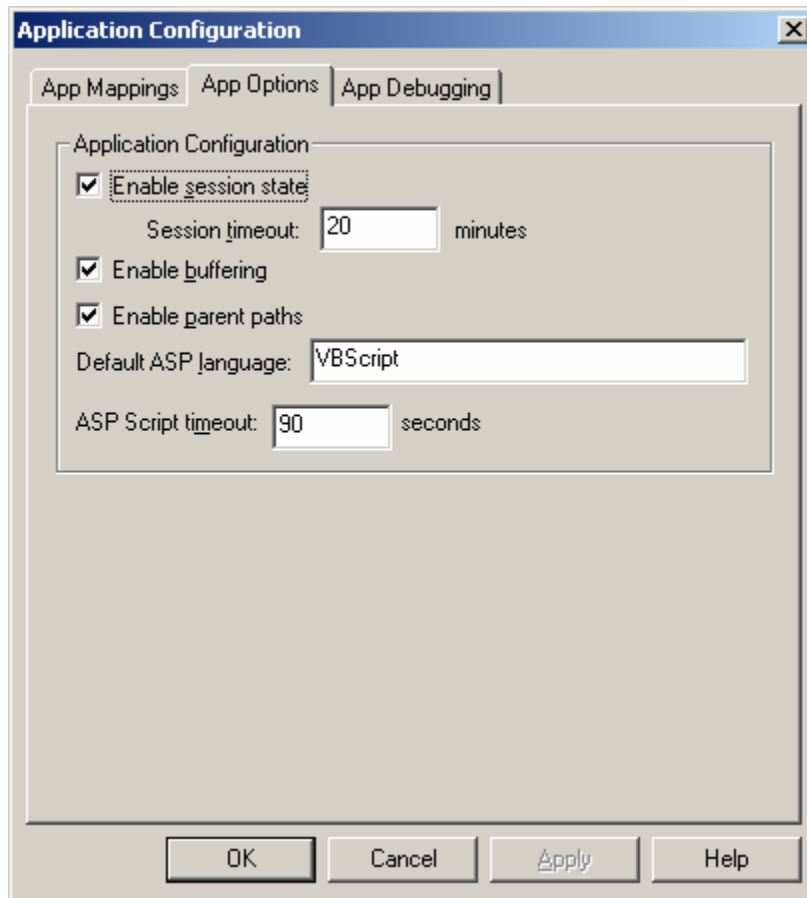
Server) into the **Directory:** field or click on the **Browse...** button to locate the directory. Click the **Next>** button.

29. In the **Access Permissions** wizard page, leave the default settings. Click the **Next>** button.
30. In the final wizard page, click the **Finish** button.
31. Right click on **Default Web Site** drop down item in the left frame, select **Start** from the popup menu.
32. Close the Internet Information Services dialog box.
33. Shut down and **power off** the server. Restart.
34. Log back onto the server and verify the VBSDS installation.
35. Access to VBSDS can be made via the browser on the server machines. If such access is to be made, the security settings of the VBSDS Directory will need to be changed. Find the VBSDS Directory using **Windows Explorer**.
36. Right click on the VBSDS Directory, select **Properties** from the popup menu.
37. In the **Properties** dialog box, select the **Security** tab.
38. Select the **Users** entry in the **Name** list.
39. In the **Permissions** list, for **Full Control** check **Allow**.

Additional Configuration Steps

VB-SDS interoperation with MS Windows 2003 Server.

1. From Start on Taskbar select Programs > Administrative Tools > Internet Services Manager.
2. The IIS dialog will appear. In the left frame under the IIS tree list, double click the VBSDS Server machine name and open Web Site Folder.
3. Right Click on Default Web Site item, select Properties from popup menu.
4. Select Home Directory tab on Default Web Site Properties dialog box.
5. On Home Directory property page, select Configuration. On the Home Directory-Configuration page select Options tab. On the Configuration Options page check the **Enable Parent Paths** box.



6. Click OK at the bottom of Default Web Site Properties dialog box.
7. From Start on Taskbar select Programs > Administrative Tools > Internet Services Manager.
8. The IIS dialog will appear. In the left frame under the IIS tree list, double click the VBSDS Server machine name and open **Web Service Extensions Folder**.
9. On Web Service Extensions Page select Active Server Page. When highlighted select Allow.
10. Close IIS.

Upgrade Instructions

1. Manually back-up all database .txt files and .lic files to the existing SDS server directory.
2. Find and run **SDSServerSetup_2_0_0.exe** on the **VBSDS Installation CD**.
3. The InstallShield Wizard will extract and start the VBrick SDS Server Setup.
4. Click the **OK** button in the SDS Version 2.0.0 Upgrade message box.
5. Follow the Installation Instructions above.

Maintenance Instructions

1. From **Start** select **Settings ► Control Panel**. In the Control Panel select **Add/Remove Programs**. Verify that **VBrick SDS Server** is an entry in the **Currently Installed Programs**: list in the Add/Remove Programs dialog box.
2. Click the **Change/Remove** button in the **VBrick SDS Server** entry.
3. The **VBrick SDS Maintenance** dialog box displays the maintenance operations.


Replacing the Current License File

1. Select the **Replace the current License File** radio button in the **VBrick SDS Maintenance** dialog box. Click the **Next>** button.
2. Follow the directions in the **License File** dialog box.
3. The **License Server Location** dialog box will appear if the License file specifies that a License Server will be used. Follow the directions in the dialog box to change or retain the current location of the License Server.
4. Click the **Finish** button in the **Maintenance Complete** dialog box.

Changing the License Server Location

1. The **Change the License Server location** radio button is displayed only if the current License file specifies that a License Server is being used.
2. The **License Server Location** dialog box will appear. Follow the directions in the dialog box to change the current location of the License Server.
3. Click the **Finish** button in the **Maintenance Complete** dialog box.

Uninstall Instructions

1. From Start on the Taskbar select Programs ► Administrative Tools ► Internet Services Manager.
2. In the Internet Information Services dialog, in the left frame under the Internet Information Services tree list, double click the VBSDS Server machine name.
3. Right click on Default Web Site, select Properties from the popup menu.
4. In the Default Web Site Properties dialog select the Home Directory tab.
5. In the Home Directory property page click on the Local Path: entry.
6. * For machines running the VBrick Video-on-Demand Server (VBVoD), Click the Browse button and browse for the location of the VBVoD ASP files. (default E:\Program Files\VBrick\VoD Server). Select and click OK.
7. Otherwise, type in or browse for and select the c:\inetpub\wwwroot directory. Click the OK button.
8. Select the Documents tab, select SDSMain.asp and click Remove. Click OK in the Inheritance Overrides dialog box.
9. *For machines running the VBrick Video-on-Demand Server (VBVoD), verify that the VBVoD Login page VODLogin.asp is the topmost Default Document.
10. Click OK at the bottom of the Default Web Site Properties dialog box.
11. In the left frame under the Internet Information Services tree list, expand the tree list of directories and files for the web site by double clicking the Default Web Site entry or clicking the expand symbol  to the left of it.
12. Right click the SDS entry in the tree list. Select the Delete option to remove the VBSDS Virtual Directory.
13. Right click on VBSDS Server machine name, select Restart IIS ... from the popup menu.
14. Click OK in the Start/Stop/Reboot ... dialog box.
15. Wait for IIS to restart. Close the Internet Information Services dialog.
16. From Start select Settings ► Control Panel. In the Control Panel select Add/Remove Programs. Verify that VBrick SDS Server is an entry in the Currently Installed Programs: list in the Add/Remove Programs dialog box.
17. Click the Change/Remove button in the VBrick SDS Server entry.
18. The VBrick SDS Maintenance dialog box displays the maintenance operations.
19. Select the Uninstall VBrick SDS radio button in the VBrick SDS Maintenance dialog box. Click the Next> button.
20. In the Confirm Uninstall message box click OK.
21. A Shared File Detected dialog box will be displayed for each installed component that can be shared by other applications. Click Yes in the dialog boxes displayed for:
 - \Program Files\VBrick\VB3000 SDK\VB6000SDK.exe
 - \Program Files\VBrick\VB3000 SDK\VB3000SDK.exe
22. If system DLLs were backed up during the installation (step 9), a ReadOnly File Detected dialog box will be displayed for each system DLL that was saved. Click Yes for each dialog box displayed.
23. Click the Finish button in the Maintenance Complete dialog box.

Enhancements

The 2.0.0 release of VBSDS includes interface changes and added features. Among these are:

- Integration of latest StreamPlayer Source Filters and Decoders for MPEG-1, MPEG-2 and MPEG-4.
- Updated web interface.
- Support for Windows XP clients.
- Interoperability with the StreamTracker, StreamPlayer and StreamPlayer Plus 4.0.0 VBrick products.
- Integration with License Server.
- Ability to play MPEG-4 Multicast and RTSP mode streams.
- Incorporation of VBDirectory for VBrick network device configuration.
- Elimination of client installations. Components downloaded via Internet Download Services or are run on the server.
- Ability to run VBSDS and VBVoD on separate servers.
- Username/password used in setting VBrick Decoders.
- Support for VBrick dual Encoder models.
- Incorporation of VBIR IR control device for generic VCRs and DVDs. Specific VCR is AG2580. Specific DVD is DVDRK32. Control includes commands for Play/Stop/FF/REW/Scan/Pause/Ch up/ Ch down.
- A Full Screen View mode with device control.
- Support for Windows 2003 Server

Known Issues (Caveats)

None known.