

VSRxtreme

VSR Installation Guide

Revision 1.0b

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Version A



Part No: VSR-UG
Rev A



Overview

Virtual Studio Runner (VSR) is an exciting new product from Fairlight that offers centralized trafficking and automated file Ingest for Fairlight DREAM systems.

While VSR includes an installer, several external components are required. Therefore, please make sure ALL installation steps have been completed correctly before attempting to use VSR !

Apache2 and MySQL or IIS and SQL Server (SQL Server 2000 & 2005) are the only supported configurations for VSR. While other webservice/database combinations are possible, they are not supported. Your operating system must be Windows XP Professional or Windows Server 2003. Windows 2000 is not supported. Please note that only English language Windows versions are currently supported.

DREAM PCs must be running FMC x.y.z. DREAM QDCs should be running at least version 19.1.49. MediaLink 19.1.49 or higher should be used with VSR.

*Note: Your VSR Server must be connected to the Internet for correct operation!

** Note: Your Server Name must be ALL CAPITAL LETTERS (eg – 'MEDIALINK', not 'MediaLink'). Mixed case or lowercase server names WILL NOT WORK with VSR!

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1.0 - MySQL and Apache Installation

Note: If AudioBase3 is already installed on your server, you DO NOT need to install Apache or MySQL. Go to step 4.

Required Files:

- apache_2.0.xx-win32-x86-no_ssl.msi
- ZendOptimizer-2.x.xxx-Windows-i386.exe
- mysql-administrator-1.1.x-win.msi
- mysql-essential-5.x.xx-win32.msi
- mysql-query-browser-1.1.xx-win.msi
- SetupVSR-00xx.exe

Installation Procedure:

**** Please ensure that your Medialink Server is only running appropriate software. Please temporarily disable all Firewalls and Security Programs during the installation ****

- 1) **Installing Apache2 Server** - this is a freely-available source code implementation of an HTTP (Web) server used by AB3. ** Note: AB3 is not yet compatible with Apache 2.2, so **make sure to download the latest release of Apache 2.0 at <http://httpd.apache.org/download.cgi>** . Double-click on <apache_2.0.xx-win32-x86-no_ssl.msi>, follow all prompts for a "default" installation.

- Enter "localhost" for domain name and server name.
- Enter your "admin" email address.

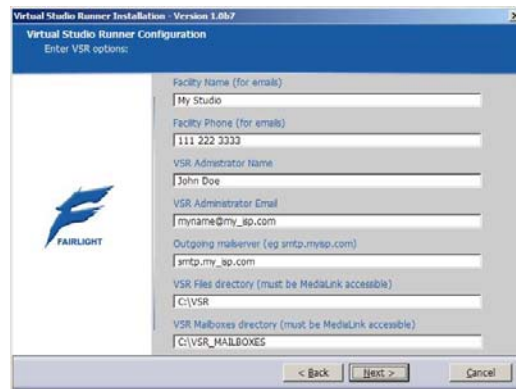
****WARNING**** If you have an existing SQL Server Installation, you are **STRONGLY** advised to continue using SQL Server. If you switch to MySQL, **ALL PREEXISTING DATA MAY NEED TO BE RE-ENTERED!**

2) **Installing MySQL** – Install MySQL as follows:

- Launch [<mysql-essential-5.x.xx-win32.msi>](#) and click 'Next'. Select 'Typical' setup type.
- Click 'Install'.
- Skip Sign-Up at MySQL.com if preferred.
- Click 'Finish' and leave 'Configure MySQL Server now' checked.
- Click 'Next' in the configuration Wizard.
- Select 'Standard Configuration' and click 'Next'.
- Leave 'Install as Windows Service' and 'Launch the MySQL Server automatically' checked and click 'Next'.
- Enter a root password. Note: USE A STRONG PASSWORD (a combination of letters and numbers at least 8 characters long). Make sure to **WRITE YOUR PASSWORD DOWN, and STORE IT WHERE YOU CAN FIND IT LATER!!** Click 'Next'.
- Click 'Execute' and <Finish>.
- Install [<mysql-administrator-1.x.xx-win.msi>](#) and [<mysql-query-browser-1..x.xx-win.msi>](#) with the **default options**.

3) **Installing VSR** - * *Medialink2 should be previously installed* *

- Launch [<SetupVSR-00XX.exe>](#)
- Select Database - Choose MySQL.
- Select Webserver - Choose Apache
- Enter VSR Options as required



- Open 'Start->Programs->MySQL->MySQL Server 5.0->MySQL Command Line Client'. Enter your root password.
- Open the VSR_MYSQL.sql file found in the 'My Documents\VSR SQL' folder. Select all and copy. Paste text into the MySQL Command Line Client.
- Close Command Line Client.

5) **Installing Zend Optimizer** - Zend optimizer is required to run compiled PHP binaries.

Note: If AudioBase3 is already installed on your server, you DO NOT need to install Zend Optimizer.

- Launch the Zend Optimizer Installer [<ZendOptimizer-2.x.xx-Windows-i386.exe>](#) and select the desired webserver.
- After installation is complete, restart the Apache webserver.

2.0 - IIS and SQL Server Installation

Note: If AudioBase3 is already installed on your server, you DO NOT need to install IIS or SQL Server. Go to step 4

Please refer to Microsoft™ documentation for detailed installation instructions for SQL Server and IIS.
Pre-Installation is required !

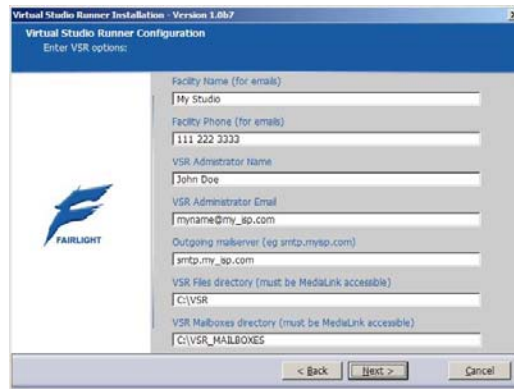
Note: The SQL Server SA account should ALWAYS have a strong password. NEVER leave your database unprotected, even if it is firewalled!!

Installation Procedure:

**** Please ensure that your Medialink Server is only running appropriate software. Please temporarily disable all Firewalls and Security Programs during the installation ****

1) Installing VSR - * Medialink2 should be previously installed *

- Launch <SetupVSR-00XX.exe>
- Select Database - Choose SQL Server
- Select Webserver - Choose IIS
- Enter VSR Options as required



- Open the SQL Query Analyzer, and open the **VSR_MSSQL.sql** file found in the 'My Documents\VSR SQL' folder. Click the execute query button to create tables, users and roles.

2) Configuring IIS

- In 'Control Panel->Administrative Tools->IIS Manager', right-click 'Default Web Site' under 'Web Sites'. Select 'Properties', click the 'Home Directory' tab, then click on the 'Configuration' button. Under the 'Mappings' tab, click 'Add'. Use C:\php\php5isapi.dll as the Executable, supply *php* as the extension, check the 'Script engine' checkbox and leave 'Verify file exists' checked.
- Under 'Web Service Extensions' click 'Add a new Web Service Extension...'. Enter 'php' as the extension name, add 'C:\php\php5isapi.dll' to required files and check 'Set extension status to allowed'.
- In the 'Web Sites Properties' 'Documents' tab, make sure 'Enable default contents page' is checked. Add 'index.php' to the default content page list.
- Stop IIS completely (DOS command prompt: NET STOP iisadmin).
- Start IIS again (DOS command prompt: NET START w3svc).
- Set IIS permissions for the 'VSR' and 'VSR_MAILBOXES' folders. Right-click your VSR audio folder (eg - 'E:\ VSR'), select 'Properties', click the 'Security' tab and add the IIS user (typically IUSR_MYCOMPUTERNAME, eg IUSR_MEDIALINK) by clicking the 'Add' button and entering the IIS user name. After adding the IIS user, click the 'Internet Guest Account' in the Security tab user list and check 'Full Control'. **Repeat for VSR_MAILBOXES!**

3) Installing Zend Optimizer - Zend optimizer is required to run compiled PHP binaries.

Note: If AudioBase3 is already installed on your server, you DO NOT need to install Zend Optimizer.

- Launch the Zend Optimizer Installer <[ZendOptimizer-2.5.10a-Windows-i386.exe](#)> and select the desired webserver.
- After installation is complete, restart the IIS webserver.

3.0 Configuring MediaLink Auto-Refresh

1. Open MediaLink and click 'Stop'
2. Click 'Properties'
3. Scroll down to the bottom of the config file, and edit the line:
mlfam.exe =
add the path to each folder you wish to refresh automatically when files are added. Include -s to scan all subfolders. Example:

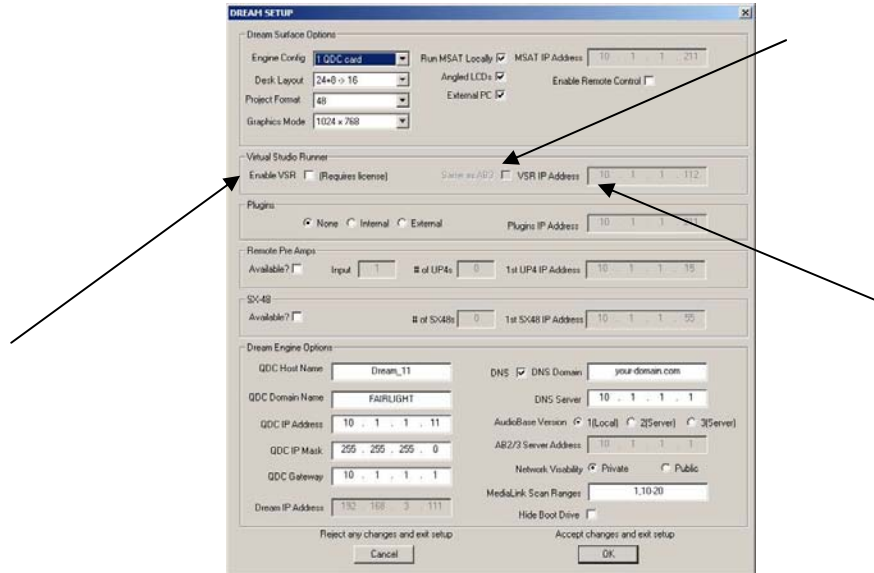
```
mlfam.exe = -s E:\VSR E:\VSR_MAILBOXES\Fairlight_Users
```

If AudioBase3 is already installed on your server, add the VSR folders to the existing configuration, eg:

```
mlfam.exe = -s M:\iTunes M:\WAV1 M:\WAV2 M:\ML4 E:\VSR E:\VSR_MAILBOXES\Fairlight_Users
```

4.0 Configuring DREAM

1. From DreamStart, click 'Setup'
2. Check 'Enable VSR'
3. Enter the correct VSR Server IP address, or check 'Same as AB3' if VSR and AudioBase3 are installed on the same server.
4. Verify that Medialink Scan ranges are correct.



Installation Finished. You should now be running VSR!

To access VSR from a remote PC type: <http://X.X.X/VSR/> - the IP address being that of the Medialink Server. Log in with username 'admin' and password 'fairlight'.

6.0 FTP Manager – Overview

VSR's FTP manager allows users on your network to FTP files directly to VSR ftp contacts. All files including those sent directly from the DREAM surface are logged. So, VSR administrators know *what* has been sent *when* and *to whom*.

5.0 – Setting Up File Sharing

File sharing on your VSR server must be enabled for all VSR folders. This allows Pyxis and other PCs/Macs to access VSR files and Mailboxes.

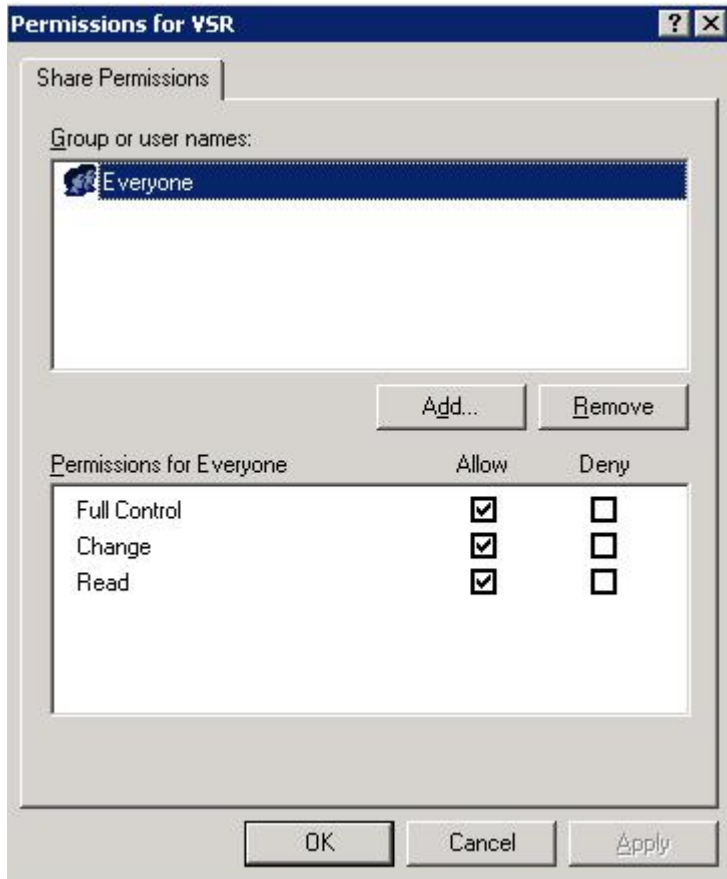
To enable file sharing for the VSR Folder:

1. Navigate to the VSR folder on your server (eg – 'M:\VSR').
2. Right-click on the VSR folder and select 'Sharing and Security...'.
See picture below.
3. Click 'Share this folder' and enter a share name. This is the name users will see on the network.



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- Next, set permissions for the shared folder by clicking the 'Permissions' button.
- Consult with your IT department if you need advanced permissions. For basic usage, add user 'Everyone' and give them Full control. See below.

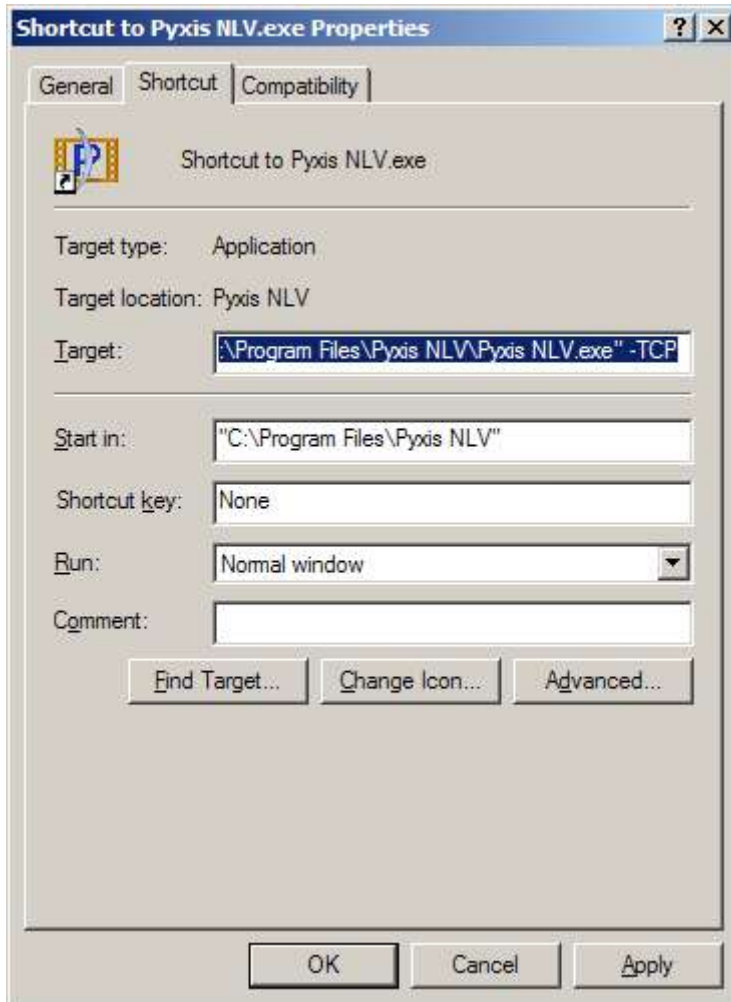


Repeat this process for the 'VSR_MAILBOXES\Other_Users' folder. Advanced users may want to set up different shares with different permissions for each Inbox inside the 'Other_Users' folder (eg – Studio1, Studio2). Alternatively, the entire 'Other_Users' folder can be shared. When supported file types are dropped into an Inbox by users on the network, they are automatically converted and made available to Fairlight Users.

6.0 – Configuring Pyxis

For VSR compatibility, each Pyxis on your network must be started with the '-TCP' switch. To enable this mode:

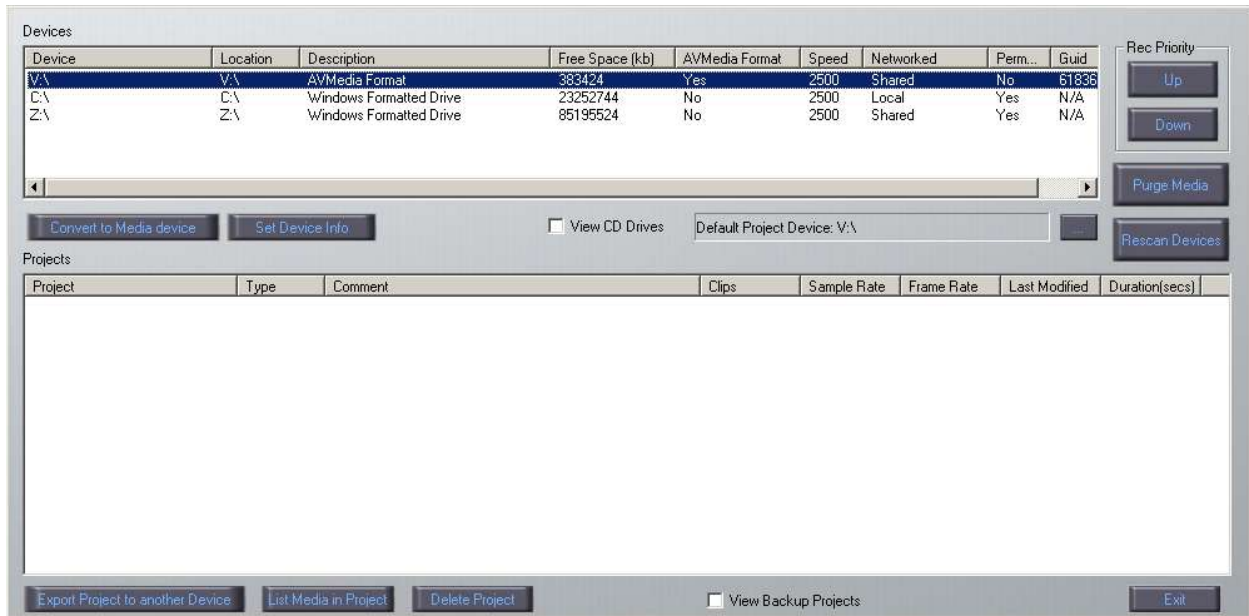
1. Locate 'C:\Program Files\Pyxis NLV\Pyxis NLV.exe'
2. Right click 'Pyxis NLV.exe' and select 'Create Shortcut'
3. Right click the shortcut and select 'Properties'. Modify as illustrated below.
4. Copy and paste the shortcut to your desktop.



Each Pyxis on the network must also be set up to access the MediaLink VSR folder, so that each Pyxis can find new media when it receives a message from VSR. Make sure that file sharing is set up as described in Section 5, and that the VSR folder is mapped to each Pyxis as a network drive (eg – drive V:\).

To set up Pyxis for VSR media access:

1. Launch Pyxis and select 'Setup->Media and Project Management'.
2. Select the shared VSR drive and click 'Convert to Media Device' as illustrated below.



7.0 – Configuring AVTransfer_Commandline (VSRxtreme only)

AVTransfer_Commandline is required for VSRxtreme. AVTransfer_Commandline adds support in VSR for OMF and AAF files (requires AAF plugin), and is also a very useful general purpose file conversion tool.

To install AVTransfer_Commandline:

1. Run the AVTransfer_Commandline installer and install with default options.
2. Contact your Fairlight Distributor for an AVTransfer_Commandline license.
3. Also contact your distributor regarding the optional AAF plugin (license required).

6.0 - Upgrading VSR

By default you will be running in “Demo” mode for 30 days. After the demo period expires, VSR will be disabled. To purchase VSRxtreme, click on the [“click here to upgrade”](#) link or use the ‘VSR License’ tool in ‘Start Menu->All Programs->Fairlight->Virtual Studio Runner’. You will be taken to a page indicating your “User Codes”. Supply these User Codes and payment to your FairlightAU Distributor to receive your “Reg Keys” to license the software.

Note: you will also need a license for each DREAM PC on your network. To License FMC, press Shift + Pause/Break followed by the letter ‘L’. Supply the displayed User Codes to your Fairlight Distributor.