

# Remote Voice Tracking Users Guide

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# **Remote Voice Tracking Overview**

Remote Voice Tracking is an exciting new concept from P Squared that takes the basic ideas of Voice Tracking introduced in Myriad and expands the functionality to allow authorised users to review your Myriad Station Log, edit the Log and record Voice Tracks in to the log remotely, from the comfort of their own homes (or more likely from sister stations around the World).

Before we can start on the basics of Remote Voice Tracking (RVT) it is worth just quickly covering what we mean by Voice Tracking in the first place. Voice Tracking is a commonly used term to describe the practice of pre-recording specific voice links in to scheduled station output to be played automatically by your station's playout system. In Myriad specifically, Voice Tracking is achieved using the Full Segue Editor mode on the Log screen. When Voice Tracking, Myriad will play back the last few seconds of the previous track and allow you to record you voice link over the top. You then control when the next track start and hence you can record a Voice Track in exactly the same way as you would do it live.

Remote Voice Tracking works in exactly the same way but with the exception of instead f sitting in the studio; you can Remotely Voice Track from any PC in the world with network connection to your radio station, a copy of the Remote Voice Tacking software and a microphone.

The diagram below shows a general overview of the way RVT works.

# **Remote Voice Tracking Overview**



When you use RVT to remotely edit the Station Log and record Voice Tracks, RVT will automatically download what is scheduled to play from the Remote Edit Server at your station, you can then decided where you want to record your first Voice Track. The system will then download a low quality version of the end of the previous track and then start of the next. You record your Voice Track in the normal way before RVT uploads it back to your station ready to be played 'on air'.

Throughout this manual, it is assumed that you are familiar with Myriad and the Voice Tracking facilities that it offers as well as having a good working knowledge of Internet technology and your station's server infrastructure.

### A Bit More Detail

Ok, now we have looked at the general overview it is time to look at the RVT system in a little more detail.

Remove Voice Tracking by P Squared consists of two separate applications that work together to provide a high level of functionality whilst making the solution as simple to use and maintain as possible. The system consists of the Remote Edit Server which runs at your station and the actual Remote Voice Tracking Software which is installed at each remote site or roving machine you want to have access to your system.

#### The Remote Edit Server

The Remote Edit Server application acts as the gateway between your Myriad system and the Remote Voice Tracking software ensuring that the remote user never actually comes in to contact with your Myriad system.

The Remote Edit Server application needs to be installed on a PC that has Internet access as well as access to your Myriad network. This machine should be set up in such a way that it acts as a bridge between your Myriad network and the outside world and this is most commonly done by fitting two network cards to the PC and instructing the PC to act as the bridge between the two network cards (see Windows documentation for more details).

le <u>T</u> ools <u>S</u> ettings	Help	
- Currently Connected Use		
Username: liamb		
Connected at: 03/07/	20002 10 55-40	
Lonnected at: 03/07/	2006 13:33:48	
		_
– Event History — — —		
Time	Event	~
03/07/2006 19:59:51	Log Item 18/06/2006 23:48:38.23 "Footloose" (2361.96874999998) move	-
03/07/2006 19:59:52	Soft Deleted Log Item 18/06/2006 23:52:13.55 "Purgatory" (2361.968402	
03/07/2006 19:59:57	Locked Log Item 18/06/2006 23:40:58:59 "I'm Not A Girl, Not Yet A Wom	
03/07/2006 19:59:57	Locked Log Item 18/06/2006 23:44:44.57 "Walk This Way" (2361.96718	
03/07/2006 20:00:20	Locked Log Item 18/06/2006 23:40:58.59 "I'm Not A Girl, Not Yet A Wom	
03/07/2006 20:00:20	Locked Log Item 18/06/2006 23:44:44.57 "Walk This Way" (2361.96718	
03/07/2006 20:00:39	Saved changes to HD Item 8061	
03/07/2006 20:00:39	Saved changes to HD Item 8061	-
03/07/2006 20:00:51	Saved changes to HD Item 8061	-
03/07/2006 20:00:55	Uploaded new audio for HD Ref 8061	
03/07/2006 20:00:56	Updated Log Item 18/06/2006 23:40:58.59 "I'm Not A Girl, Not Yet A Wo	
03/07/2006 20:00:56	Updated Log Item 18/06/2006 23:44:44.57 "Walk This Way" (2361.9671 Updated Log Item 18/06/2006 00:00:00.00 "Voice Link" (2361.96710069	
03/07/2006 20:00:56		

The Remote Edit Server is a fairly light application and in most cases, it is ok to run the application on your Myriad file server (or office server if it has access to the Myriad network) although this will depend on the load on the server and the specification of the machine.

So a typical set may consist of your normal Myriad network with a file server fitted with two network cards. One of the cards connects to the Myriad network whilst the other is plugged in to either your web enabled office network or possibly directly in your ADSL (or similar) router. The Remote Edit Server software application is then installed on this server and RVT clients connect to the Remote Edit Server via either a VPN or via a web connection.

The Remote Edit Server is also used to set up the options for all Remote Voice Tracking clients that connect to it. This way, you dictate what quality (and compression) of the recorded voice links that are submitted remotely and control the access that the remote user has.

The Remote Edit Server software is licensed by P Squared and you can only run one copy of the software per purchased license. Remote Edit Server will only support one connection at a time so you can not have more than one user Remote Voice Tracking at the same time.

#### The Remote Voice Tracking Software

The Remote Voice Tracking software is installed at all of the remote sites or roving PC's that you want to be able to remotely Voice Track for your station. The Remote Voice Tracking software (or RVT) looks and acts just like Voice Tracking in Myriad with the exception that it downloads the audio information it needs from the Remote Edit Server as it needs it. This means that presenters that are familiar with Myriads Voice Tracking facilities will be instantly at home with RVT and all the facilities from the local version are carried over in the remote client.

		06: Main Daytime Disconnect	Refr	ash 14:5:	6:5
1	23:52:24		Unscheduled Advert Break	1:30	1
	23:33:01	Cart 3064	Dancing On The Ceiling Lionel Richie	4:16 Fades Intro 22 sec	
J	23:37:16	Cart 3047	Wake Me Up Before You Go Go Wham	3:40 Fades Intro 0 sec	
G	23:40:56	Cart 8	Purgatory Music	:5 Intro 0 sec	5
đ	23:41:00	Cart 3075	I'm Not A Girl, Not Yet A Woman	3:46 Ends	
		HH	Britney Spears	intro 12 sec	
S.	23:44:46	Cart 9	Purgatory	:9 Intro 0 sec	s
J		Cart 3048	Walk This Way Run DMC + Aerosmith	3:33 Fades Intro 17 sec	
1.00	23:48:27	Cart 12	Welcome	:6 Intro 0 sec	s
1.000	23:48:32	Cart 16	Purgatory	:9 Intro 0 sec	s
Æ	23:48:40	Cart 3055	Footloose Kenny Loggins	3:44 Ends Intro 30 sec	s
đ	23:52:24	Cart 3046	All I Need Is A Miracle Mike + The Mechanics	3:45 Fades Intro 45 sec	
To	tal Hour Durat	lon: 01:03:22			
E			e movie soundtrack to the was Britneys debut movie	Im Not A Gir, Not Ves 4 Woman, Untrey Scears	
_	Empty		2 Empty	Empty	Γ

Whilst the primary role of RVT is to allow you to record audio link remotely and then 'upload' them to the station, you can also use it to review and edit the Station Log remotely which makes it a useful tool for show preparation and administration.

# **Getting Started**

The first thing you need to do is decide which PC is going to have the Remote Edit Server software installed. The reason the choice is important is that the PC must fulfil the following criteria in order to run Remote Edit Server effectively.

- 1. The PC needs to have access to the Myriad network.
- 2. The PC needs to have access to the 'real world' via the web.

- 3. The PC needs to be reasonably fast, it will be generating and compressing audio files as part of its job.
- 4. The PC needs to act as a bridge between the Myriad network and the real world without compromising the Myriad network (usually done with two network cards and bridge between them see MS Windows documentation for more details).

If the PC you have in mind has all of these factors then it is a good candidate for Remote Edit Server. In most stations, the Myriad server or an office server is the ideal platform for running Remote Edit Server but that will depending the system specification and the level of loading on the server.

## Installing Remote Edit Server

To install Remote Edit Server make sure that you have either downloaded the latest version of the software from the P Squared web site (<u>www.psquared.net</u>) or that you have an installation CD with the latest version of the software on it.

If you have an installation CD, put in to your PCs CD-ROM drive and a web page containing the CD menu should automatically start. If not then use 'My Computer' to browse the CD and double click on 'Default.htm' in the root of the drive. Once the menu page appears, select 'Install Remote Edit Server' from the menu and follow the onscreen instructions.

If you have downloaded the installation file from the P Squared web site then make sure it is saved in an accessible area and then when you are ready, double click on the 'P Squared Myriad v3 Remote Edit Server.msi' file.



P Squared Myriad v3 Remote Edit Server.msi Windows Installer Package

This will then start the Installation Wizard which will guide you through the Remote Edit Server installation process.

The first page in the Installation Wizard is a welcome page, click on the Next button to proceed.

You will then see the License page which outlines the Remote Edit Server software license agreement. If you wish to use Remote Edit Server then you must select the 'I accept the terms of the license agreement' option and then click on the Next button. If you decide that you do not agree with the License Agreement, select the 'I do not accept' option, click on Next, close this book and walk away slowly!

	×
License Agreement	
Please read the following license agreement carefully.	
CLICK-WRAP LICENCE	
CLICK-WRAP LICENCE	
WARNING. BEFORE PROCEEDING PLEASE READ THE TERMS OF THIS LICENCE AGREEMENT CAREFULLY. YOU MAY OBTAIN A COPY OF THIS SOFTWARE PRODUCT EITHER BY DOWNLOADING IT REMOTELY FROM OUR SERVER OR BY COPYING IT FROM AN AUTHORISED DISKETTE, CD-ROM OR OTHER MEDIUM ("THE MEDIUM"). ALL INTELLECTUAL PROPERTY RIGHTS IN THE PROGRAMS AND DATA WHICH CONSTITUTE THIS SOFTWARE PRODUCT ("THE MATERIALS") ARE AND REMAIN THE PROPERTY OF THE LICENSOR. YOU ARE LICENSED TO USE THE SOFTWARE ON THE CONDITION THAT YOU ACCEPT ALL THE TERMS CONTAINED IN THIS LICENCE AGREEMENT.	
BY CLICKING ON THE "I ACCEPT THE TERMS IN THE LICENSE" BUTTON WHICH FOLLOWS THIS LICENCE AGREEMENT YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE TERMS	*
<ul> <li>I accept the terms in the license agreement</li> <li>I do not accept the terms in the license agreement</li> </ul>	
InstallShield	
< <u>B</u> ack <u>N</u> ext > Cancel	

You will then be asked to type in a User Name and Organization (station) name. You will also be asked whether you want Remote Edit Server to be available to all Windows Users or just the login name you are currently using. It is recommended that you select 'Anyone who uses this computer (all users)' before clicking on the Next button to proceed.

🕏 P Squared Myriad v3 Remote Edit Server - InstallShield Wizard  🔀
Customer Information
Please enter your information.
User Name:
Liam Burke
Organization:
P Squared Ltd
Install this application for:
Install this application for:
<u>Anyone who uses this computer (all users)</u>
Only for me (Liam Burke)
Instal/Shield
< <u>B</u> ack <u>N</u> ext > Cancel

Next you will be asked to select whether you wish to perform a Compete installation (installs everything) or a Custom installation (allows you to select the components to be installed). It is highly recommended that you select 'Complete Installation' before proceeding.

Թ P Squared Myriad v3 Remote Edit Server - InstallShield Wizard  🔀
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield < <u>B</u> ack <u>Install</u> Cancel

If you select 'Custom Installation' then you can specify the location of the data folder that Remote Edit Server uses to store information.

🕏 P Squared Myriad v3 Remote Edit Serve	r - InstallShield Wizard  🛛
Custom Setup Select the program features you want installed.	
Click on an icon in the list below to change how a feature is i	nstalled.
Program	Feature Description
	This feature requires 1721KB on your hard drive.
Install to:	
C:\Program Files\P Squared\Myriad v3\Tools\Remote Edit Se	erver\ <u>C</u> hange
InstallShield	<u>N</u> ext > Cancel

Which ever option you choose, click on the Next button to proceed to the next stage of the wizard.

🕏 P Squai	red Myriad v3 Remote Edit Server - InstallShield 🔲 🗆 🔀
	P Squared Myriad v3 Remote Edit Server gram features you selected are being installed.
1 <del>1</del> 1	Please wait while the InstallShield Wizard installs P Squared Myriad v3 Remote Edit Server. This may take several minutes. Status: Validating install
InstallShield -	
	< <u>B</u> ack <u>N</u> ext > Cancel

Remote Edit Server will now be installed on to your PC. This may take several minutes depending on the speed of your PC. Once the install process is complete, you are ready to proceed to setting up Remote Edit Server.



You are now ready to run Remote Edit Server for the first time.

# Installing Remote Voice Tracking

Installing Remote Voice Tracking is almost exactly the same procedure as outlined above (for Remote Edit Server) so you basically make sure you have either the latest version of the software on CD or downloaded from the P Squared web site. If you have an installation CD, insert it in to the CD-ROM drive and when the menu page appears, select the Install Remote Voice Tracking option from the menu. If nothing happens when you put the CD in the drive then use 'My Computer' to browse the CD and double click on the 'Default.htm' page located in the root of the CD.

If you have downloaded the latest version from then save it to a safe place and then double click on the 'P Squared Myriad v3 Remote Voice Tracking.msi' file to start the installation process.



P Squared Myriad v3 Remote Voice Tracking.msi Windows Installer Package Once again, the Installation wizard will guide you through the installation process. Follow the on screen instructions to install the Remote Voice Tracking software.

The first page is a welcome page, click on the Next button to continue.

P Squared Myriad v3 Remote Voice Tracking - InstallShield W	×			
License Agreement Please read the following license agreement carefully.				
CLICK-WRAP LICENCE	^			
WARNING. BEFORE PROCEEDING PLEASE READ THE TERMS OF THIS LICENCE AGREEMENT CAREFULLY. YOU MAY OBTAIN A COPY OF THIS SOFTWARE PRODUCT EITHER BY DOWNLOADING IT REMOTELY FROM OUR SERVER OR BY COPYING IT FROM AN AUTHORISED DISKETTE, CD-ROM OR OTHER MEDIUM ("THE MEDIUM"). ALL INTELLECTUAL PROPERTY RIGHTS IN THE PROGRAMS AND DATA WHICH CONSTITUTE THIS SOFTWARE PRODUCT ("THE MATERIALS") ARE AND REMAIN THE PROPERTY OF THE LICENSOR. YOU ARE LICENSED TO USE THE SOFTWARE ON THE CONDITION THAT YOU ACCEPT ALL THE TERMS CONTAINED IN THIS LICENCE AGREEMENT.				
BY CLICKING ON THE "I ACCEPT THE TERMS IN THE LICENSE" BUTTON WHICH FOLLOWS THIS LICENCE AGREEMENT YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE TERMS				
I accept the terms in the license agreement				
O I <u>d</u> o not accept the terms in the license agreement				
InstallShield				
< <u>B</u> ack <u>N</u> ext > Cancel				

Next you must agree to the accept the terms of the License Agreement. Highlight the 'I Accept' option and then click on Next.

P Squared Myriad v3 Remote Voice Tracking	InstallShield W 🔀
Customer Information	4.
Please enter your information.	
User Name:	
Liam Burke	
Organization:	
P Squared Ltd	
Install this application for:	
<ul> <li>Anyone who uses this computer (all users)</li> </ul>	
Only for me (Liam Burke)	
InstallShield	
< <u>B</u> ack <u>N</u> e	ext > Cancel

Type in your name and the name of your company or station (this is not critical). Also select whether it is just you who wants access to the software or all Windows users. Click on Next to proceed.

🕏 P Squared M	Ayriad v3 Remote Voice Tracking - InstallShield W 🔀
Setup Type Choose the set	tup type that best suits your needs.
Please select a	setup type.
⊙ <u>Complete</u>	All program features will be installed. (Requires the most disk space.)
○ Cu <u>s</u> tom	Choose which program features you want installed and where they will be installed. Recommended for advanced users.
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel

It is recommended that you select the 'Complete' option on this page but if you would prefer to select the location of the installation and data files then click on the 'Custom' option and the select Next

P Squared Myriad v3 Remote Voice Tracking -	InstallShield W 🔀
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation. If you want to review or change any of your installation settings, to exit the wizard.	click Back. Click Cancel
InstallShield	stall Cancel

Click Install to begin the installation.

🕏 P Squar	red Myriad v3 Remote Voice Tracking - InstallShi 🔲 🗖 🔀
-	P Squared Myriad v3 Remote Voice Tracking gram features you selected are being installed.
17	Please wait while the InstallShield Wizard installs P Squared Myriad v3 Remote Voice Tracking. This may take several minutes. Status:
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel

The installation process may take several minutes depending on the of the PC, once finished, you will see a final summary screen.



You are now ready to run Remote Voice Tracking for the first time.

# **Remote Edit Server**

As we covered in the earlier sections, the Remote Edit Server application is installed on a PC that has access to both the Myriad network and the 'outside world' (web) in such a way as the Myriad network is protected from dangers such as hackers and viruses. Typically the Remote Edit Server application is installed on the Myriad file server or an office file server but if your servers are busy or you envisage using RVT heavily then it is worth consider running Remote Edit Server on a dedicated PC.

So far we have installed the Remote Edit Server but have not actually run it for the first time, so let's do so.

## Running Remote Edit Server For The First Time

If you are running Remote Edit Server for the first time, Remote Edit Server will detect that it has no previous configuration data or license code and will walk you through setting all the information that it needs to operate.

## Licensing Remote Edit Server

Before you can start to configure Remote Edit Server you will need to actually license it. You can obtain a license code from P Squared or the agent that you purchased Myriad from. You will however need a specific Remote Edit Server license code, the system will not accept your Myriad code or a code for any other products.

If you are familiar with P Squared products then you will be familiar with the advanced license code protection that our software employs and should be able to go straight through the License Wizard. If not then you may find the section below of used.

#### Please note that this section of the documentation has been taken directly from the main Myriad documentation and as such refers to Myriad instead of Remote Edit Server but the process is exactly the same for all current generation P Squared products.

The advanced licensing procedure generates a special code (called a PSQUISH) that is unique to your computer. The first time that you activate Your P Squared product you will need to provide this code to P Squared Ltd in order to complete the licensing process. Subsequent codes can be obtained automatically (assuming you have web access) but you may have to contact P Squared Ltd periodically in the future.

#### Manually Obtaining A License Code

The standard licensing procedure for manually obtaining a license code is:

- Select the License Code option from the Tools menu. The License Wizard will run automatically the first time that you run Your P Squared product or if you run Your P Squared product once your license has expired,
- 2. If this is the first time that you have licensed Your P Squared product or you have not ticked the option to skip the introduction screen the last time you entered a license code, the introduction screen will be displayed.

P Squared Licensing	Wizard - P Squared Licensing Wizard	
	P Squared Licensing Wizard	
	This wizard helps you to License your P Squared Software.	
	The process is very simple, and ensures that only licensed customers are able to run P Squared Products.	
	When you first install your new product, you need to contact P Squared in person to confirm your identity and receive your first License Code. In most cases this will be the last time you have to contact P Squared Licensing in person as you will then be able to request new license codes automatically over the internet using this wizard.	
	To ensure that all of your details are up to date, P Squared may occasionally ask you to re-confirm your identity in person to a Sales Account Manager before renewing a license code.	
	$\checkmark$ Skip this screen in the future.	
	< <u>B</u> ack <u>N</u> ext	

- 3. Read the screen and then tick the "Skip this screen in the future" option unless you want to read this introduction each time. The click on Next.
- 4. You will then see a summary of the current license status of Your P Squared product. In the example below, you can see that we currently have a valid license that is not due to expire for some months. If you are entering a license for the first time then this information will be blank. If you wish to proceed, click on the Next button.

P Squared Licensing Wizard - Current Li	icense Details
Current License Details Displays the information about any existin	ng License Code
Your current License Code was entered:	
29 September 2	2004 09:59
Your current License Code Expires:	
28 March :	2005
You only need to add a new License Code if you a cancel to exit this wizard.	re near your expiry date. If not, press
	< Back Next Cancel

- 5. If you do not need to license Your P Squared product, the License Wizard will warning you before you proceed to the next screen, if you want to proceed anyway then click on OK.
- 6. The next phase is to enter your registration details. You will only have to do this the first time; the information will be loaded automatically on subsequent license procedures

The first thing that you have to enter is your P-SQUID or P Squared Unique ID which is your P Squared unique customer ID and will be provided by P Squared. Your P-SQUID will be at the top of all quotes, or purchase orders that you receive from P Squared and should be quoted whenever you contact P Squared. To enter or alter your P-SQUID, click on the Change button and type in the new P-SQUID

P Squared Licensing Wizard - P-SQUID and Personal Details
P-SQUID and Personal Details Details about your Company/Station as well as your Contact Details
Your 'P-SQUID' is used to uniquely identify your Company/Station by P Squared Your P-SQUID: PSQUARED Change You need to give your Contact Details to confirm your identity Contact Name: Liam Burke Company: P Squared Ltd Address: Victoria House, 82 Beverley , Hull, HU3 1YD email: liamb@psquared.net Telephone: 01482 383700
Change
You can think of your P-SQUID as your 'Account Number' with P Squared - as well as Licensing, It is used for everything from Quotes to Invoices, as well as Technical Support.
< <u>B</u> ack <u>Next</u> <u>C</u> ancel

Next add in your contact details by clicking on the Change button by the contacts summary window.

🗮 P Squared Support (Personal	Details) 🛛 🔀
The following information will be used to process your Support and Licensing	ОК
requests. This information is held completely confidentially, and will not be disclosed to any third parties.	Cancel
Contact Name:	
Liam Burke	٠
Company Name (optional):	
P Squared Ltd	
Address (optional):	
Victoria House	
82 Beverley Hull	
HU3 1YD	
Email Address:	
liamb@psquared.net	•
Telephone number (optional):	
01482 383700	
= REQUIRED FIELD	

You are required to enter your name and a valid email address; these details will be used when processing requests for 'online' license renewals in the future. You may also fill in the additional information if you wish. Once you have finished, click on OK to return to the main wizard and then click on Next to move on to the next step.

7. The next step in the license wizard allows you to enter the License Name and Features Code for the product. Both of these will be provided by P Squared with the purchased product or we can give you the details over the phone.

P Squared Licensing Wizard - License Details
License Details Confirm the 'License Name' and the 'Features' you have purchased.
Enter your 'License Name' exactly as supplied by P Squared and then click "Set" License Name: Enter Details Here Set
Enter your 'Features Code' exactly as supplied by P Squared and then click "Set" Features Code: This code allows: Standard audio editing facilities as well as editing of other related information such as titles and timing If you need to change your 'License Name' or 'Features Code', P Squared will need to issue
You need to change your License name or reactives Code, P Squared will need to issue you a new License Certificate and 'License Code'. After you entered the 'License Name' and 'Features code, ' click the respective "Set" buttons to store the details.
< <u>B</u> ack <u>N</u> ext <u>C</u> ancel

Type in the License Name exactly as it is give to you by P Squared and then click on the Set button. Repeat the same procedure for the Features Code.

N.B. It is possible to obtain a Features Code 'online' by clicking on the

button. When you select this option, the progress of the 'online' Features Code generation is shown on screen and if a code is successfully generated, it will be added to the Wizard window. Please note that this option will generally only be available to existing customers who have licensed Your P Squared product previously.

P Squared Licensing Wizard - License Details
License Details Confirm the 'License Name' and the 'Features' you have purchased.
Enter your 'License Name' exactly as supplied by P Squared and then click "Set" License Name: License Name Here
Enter your 'Features Code' exactly as supplied by P Squared and then click "Set" Features Code: <b>Features Code Here</b>
This code allows: Standard audio editing facilities
If you need to change your 'License Name' or 'Features Code', P Squared will need to issue you a new License Certificate and 'License Code', After you entered the 'License Name' and 'Features code, ' click the respective "Set" buttons to store the details,
< <u>B</u> ack <u>Next</u> <u>C</u> ancel

Once the License Name and Features Code have been set, you can alter them by clicking on the appropriate Change button. If you are happy, however, click on Next to proceed.

8. The next screen allows you to choose the method that you want to use to obtain your license code.

P Squared Licensing Wizard - Lice	nse Method
License Method Select the licensing method to use	
Manually enter a new License Displays the current 'P-SQUISH' ar	Code nd allows you to manually enter a new License Code.
<ul> <li>Obtain a License Code Online Automatically get a new License Code online from a P Squared Licensing Server.</li> </ul>	
C E-mail a License Code Reques Send an e-mail to P Squared Licen:	t sing with all the nescessary information.
Print a License Code Request Print out your details to fax or pos	it to P Squared to recieve a new License Code.
	is software then you should call P Squared to help to telephone direct then you should use the e-mail ry options.
	< Back Mext Cancel

Each option is explained on screen as you can see from the image above.

In this case, let's assume that we want to manually enter the code and we intend to phone P Squared to give them details needed to activate the product. Select 'Manually Enter A New License Code' and then click on Next.

License Method			100-
Select the licensing method to	use		
Manually enter a new Lice	nse Code		
Displays the current 'P-SQUISH		anually enter a n	ew License Code
🔿 Obtain a License Code Onli	ine		
Automatically get a new Licens	se Code online from a F	<sup>o</sup> Squared Licensi	ing Server.
C E-mail a License Code Req	uest		
Send an e-mail to P Squared Li	icensing with all the ne	scessary informa	tion.
C Print a License Code Requ	est		
Print out your details to fax or	post to P Squared to r	recieve a new Lic	ense Code.
If this is the first time you have license you with this process. If you are not a or print options to send all of the nesc	ble to telephone direct		

9. The next screen displays the P-SQUISH code which is a unique code that is used to generate your license. The P-SQUISH is unique to your contact, details, the PC you are working on and the time and date that you generate it.

P Squared Licensing Wizard - Enter a License Code	
Enter a License Code Gives the current 'P-SQUISH' and allows you to enter a new 'License Code'	
To prevent anyone being able to take a copy of your software and use it illegally, P Squared uses a custom designed licensing system. Below you will see your "P-SQUISH" which is a unique sequence of characters that can only come from this computer. P Squared will provide a matching 'License Code' that will only work with this 'P-SQUISH' P Squared Unique Individual Serial Hash (P-SQUISH): XXXX XXX XXXX XXXX XXXX XXX	
This P-5QUISH is only valid until: 09 October 2004	
New License Code:	
The P-SQUISH above is time-dependent and it is important that you contact P Squared Licensing before it expires or they will be unable to issue you a compatible 'License Code'	
< <u>B</u> ack <u>Finish</u> <u>C</u> ancel	

The P-SQUISH is only valid for a few days so you should contact P Squared as soon as possible to let them have your P-SQUISH code. You can do this be either:

- Telephoning: +44 1482 383700
- Emailing: licenses@psquared.net
- Faxing To: +44 1482 383701

Once P Squared have a valid P-SQUISH code, they will then provide you with a License Code that you need to type in to the New License Code part of the screen before finally hitting Finish.

10. Clicking on Finish will end the licensing process. A short summary screen will be displayed before you can proceed on to using Your P Squared product.



### Automatically Obtaining A License Code

In general, the first license code that you receive will have to be processed manually but once all your details are registered with P Square, subsequent licenses can be obtained 'online' without the need to contact us. This means that you can renew your license at your convenience providing that your PC has a web connection.

To obtain a license code 'online', follow these steps.

- 1. Select the License Code option from the Tools menu.
- 2. The introduction screen is usually skipped when renewing a license. In this case, the first screen you will see is the Current License Details screen which shows you when the current license was entered and when it is going to expire.

P Squared Licensing Wizard - Curren	t License Details
<b>Current License Details</b> Displays the information about any ex	isting License Code
Your current License Code was entered:	
05 Octobe	er 2004 12:54
Your current License Code Expires:	
28 Dece	mber 2004
You only need to add a new License Code if yo cancel to exit this wizard.	ou are near your expiry date. If not, press
	< Back Next Cancel

3. Click on Next to move on to the P-SQUID and Personal Details screen. You only need to alter the information on this screen if it has changed. If not, click on Next to move on to the next screen.

P Squared Licensing Wizard - P-SQUID and Personal Details		
P-SQUID and Personal Details Details about your Company/Station as well as your Contact Details		
Your 'P-SQUID' is used to uniquely identify your Company/Station by P Squared Your P-SQUID: PSQUARED Change You need to give your Contact Details to confirm your identity Contact Name: Liam Burke Company: P Squared Ltd Address: Victoria House, 82 Beverley , Hull, HU3 1YD email: liamb@psquared.net Telephone: 01482 383700		
Change You can think of your P-SQUID as your 'Account Number' with P Squared - as well as Licensing, it is used for everything from Quotes to Invoices, as well as Technical Support.		
< <u>B</u> ack <u>Next</u> <u>C</u> ancel		

4. Next you will see the License Details screen. Again, unless you need to need to alter any of this information, you can click on the Next button to move on to the next window.

5. The License Method window allows you to select the way in which you want to obtain your License Code. In this case, we want to renew the license online so we need to make sure 'Obtain A License Code Online' is ticked and then click on Next.

P Squared Licensing Wizard - License Method
License Method Select the licensing method to use
C Manually enter a new License Code
Displays the current 'P-SQUISH' and allows you to manually enter a new License Code.
Obtain a License Code Online
Automatically get a new License Code online from a P Squared Licensing Server.
C E-mail a License Code Request
Send an e-mail to P Squared Licensing with all the nescessary information.
C Print a License Code Request
Print out your details to fax or post to P Squared to recieve a new License Code.
If this is the first time you have licensed this software then you should call P Squared to help you with this process. If you are not able to telephone direct then you should use the e-mail or print options to send all of the nescessary options.
< <u>B</u> ack <u>Next</u> <u>C</u> ancel

6. Finally, you will see a brief summary screen before Your P Squared product attempts to obtain a license 'online'. Click on Finish to begin the process.

Renew a License Code Onlin Automatically download a new	e v 'License Code' via the Internet	
	ugh information to connect to a P Squ matically request a 'License Code'. Cli	
<click 'finish'="" a="" license<="" request="" td="" to=""><td>:Code&gt;</td><td>~</td></click>	:Code>	~
		~
fore clicking "Finish" you must ensu I not be able to contact a Licensing	re that you are connected to the Inte Server	ernet or the wiza

Renew a License Code Online Automatically download a new	'License Code' via the	Internet	
The Licensing Wizard now has enoug Server over the Internet and autom button to begin this process.			
Downloading the list of License Serv Connecting to Licensing Server	versDone		<u>^</u>
			~
efore clicking "Finish" you must ensure Ill not be able to contact a Licensing S		ed to the Interne	et or the wizard

P Squared Licensing Wizard - Finished		
	Finished	
	The Licensing Server has supplied a new 'License Code' which has been confirmed and saved, and you can now use your software.	
@ -=	Some software may require further steps before you can fully use all of the features, in which case you will be given further instructions after you close this wizard.	
	For more information about the P Squared Licensing system, please visit http://www.psquared.net/licensing	
	Click the "Close" button to close this wizard.	
	< Back Einish Cose	

At the end of the process, you will be told whether your license code was successfully renewed or whether you need to contact P Squared to continue the licensing process.

## The Remote Edit Server Settings Window

As this is the first time we have run Remote Edit Server, the Settings window will automatically appear after we have finished licensing the product to allow you to set up the system the way that you want it to be.

Settings		
Network	Audio	Other
Command Port: 6940	Data Port: 6941	1
Close connection when	idle for more than 5	minutes.
Audio Cache Folder:	dio files:	
C:\Myriad v3 Documentati	on Test Data\SYSTEM\Rer	note Edit\Cache 🔄
Allow the client to clear	the server cache	
		OK Cancel

The Settings window allows you to configure a number of options covering aspects such as how the RVT client will connect, what audio format should be used for downloading the beginning and end of tracks and crucially, what format the voice links should be uploaded in.

The Settings window is divided in to three tabs.

#### The Network Tab

The Network tab allows you to configure the way in which Remote Edit Server will communicate with the RVT clients and the location of the audio 'cache' which is used to keep a central copy of the beginning and ends of tracks as they are generated. The reason for this is that if Remote Edit Server has a low quality version of a song in the cache and a RVT client requests it, Remote Edit Server will send the low quality version from the cache rather than recompress it again. This makes the RVT process quicker but takes up space on the pc running Remote Edit Server.

The options on the Network Tab are examined below.

#### **Connection: Command Port**

The Command Port setting option allows you to select a specific port for communication between Remote Edit Server and the connected RVT client.

The Command Port is used for all communication between the two software applications but is not used for transferring audio data.

You must ensure that the port that you set is 'open' on your Firewall or RVT clients will not be able to connect to your Remote Edit Server. For advice on how to open ports on your Firewall, please refer the manufacturers' instructions.

The default setting for this option is Command Port = 6940 and it is recommended that you do not alter this unless you need to for a valid technical reason.

#### **Connection: Data Port**

Just as the Command Port allows you to specify the port that is used for command communications, the Data Port option allows you to set the port used to actually transfer audio files between Remote Edit Server and the Remote Voice Tracking applications.

As before, you must ensure that what ever port you select is also 'opened' on your Firewall or RVT will not be able to connect with Remote Edit Server.

The default for this setting is 6941 and it is recommended that you do not alter this unless you have to for a valid technical reason.

#### **Connection: Close The Connection When Idle For More Than X Minutes**

This option allows you to select a maximum period of inactivity for a RVT client to remain connected to the Remote Edit Server. As mentioned above, Remote Edit Server can only accept one connection at a time so if you had an absent minded jock who remotely voice tracked and then went out for the evening without disconnecting then no one else could use the system without this setting.

If you sent this to say 5 minutes then if the RVT client does not actually communicate with Remote Edit Server for 5 minutes or more, Remote Edit Server will 'kill' the connection and become available for other RVT clients to connect. Of course, the original RVT client can reconnect if they need to.

#### Keep A Local Cache Of Audio Files

In order to fully understand what this setting is for, it is important to understand how Remote Edit Server works when a Remote Voice Tracking client starts a Remote Voice Tracking session. The steps involved are outlined below.

- 1. The RVT client connects to the Remote Edit Server.
- 2. Remote Edit Server send RVT a copy of the Station Log which is displayed to the remote user via RVT.
- 3. The remote user decides where they want to record a voice link and initiates the process by highlighting the Log Item they want to be playing at the end of the Voice Track and pressing the <SPACE BAR>.
- 4. RVT requests the last XX seconds of the previous track and the first XX seconds of the next track from the Remote Edit Server. The Remote Edit Server opens the two requested tracks, chops out the last XX second and first XX seconds respectively, encodes them to whatever quality has been selected and sends them to the RVT client.
- 5. Once the RVT client has them, it plays them to the user and the user can record his or her Voice Track in the normal way. RVT plays the last XX seconds (in low quality) to the user, they can record whenever they are ready and trigger the first XX seconds of the next track at the appropriate time.
- 6. Once the link is finished, the recorded Voice Track is uploaded to the Remote Edit Server along with all the timing information for the link.

The important step to consider here is step 4 where Remote Edit Server has to open the requested files, chop out the bits it needs and encode them at the appropriate quality / format. If this option is not ticked then each time Remote Edit Server performs this operation, it discards the 'preview' versions of the tracks once it has sent them to RVT but if you tick this option then Remote Edit Server will then save them in the cache and the next time a RVT client requests them, it will used the previously generated copy (as long as nothing has changed in the mean time). This speeds up operations and reduces the load on the Remote Edit Server.

#### Keep A Local Cache Of Audio Files: Audio Cache Folder

The only negative aspect is that the cached files take up hard disk space either on the local box or on another network location.

onnection:	Audio	Other
Command Port: 6940	Data Port: 6941	
Close connection whe	n idle for more than 5 min	utes.
Keep a local cache of a	udio files:	
Audio Cache Folder: C:\Muriad v3 Documenta	tion Test Data\SYSTEM\Remote E	dit\Cache
Allow the client to clear	ar the server cache	

You can use the Audio Cache Folder field to select the location of the file cache to set it to either be in a local folder or somewhere on the network.

You can use the Select Folder button to browse for the fold location that you wish to use.

Settings		
Network	Audio	Other
Command Port: 6940 Close connection whe Keep a local cache of a Audio Cache Folder:	udio files:	minutes.
C:\Myriad v3 Documental	tion Test Data\SYSTEM\Rem In the server cache	ote Edit\Cache
		OK Cancel

Keep A Local Cache Of Audio Files: Allow The Client To Clear The Server Cache
This option allows you to set whether the remote RVT user has the ability to delete all of the audio files in the local Remote Edit Server cache. If this option is enabled then the RVT client gets a button that will delete all of the audio files in the Remote Edit Server cache forcing Remote Edit Server to generate each requested 'preview' again.

It is recommended that this option is switched off unless you have a specific reason to do so.

#### The Audio Tab

The Audio Tab is used to set the audio quality and format of the 'preview' files that are sent to the RVT client when it requests the last XX seconds of a Log Item and first XX seconds of the next item in the Log in order to allow the user to record a Voice Track.

Network Download Format: Choose the audio format that remote us Windows Media Audio; Audio for FM ra Upload Format:				De
Choose the audio format that remote us Windows Media Audio; Audio for FM ra Upload Format:				De
Windows Media Audio; Audio for FM ra				De
Upload Format:	adio quality (28.8	Kbps mono)		De
			-	
Choose the audio format that links reco	rded by remote us	sers will be uplo	aded at:	
Windows Media Audio; Audio for CD-q	quality transparence	cy (128 Kbps st	ereo)	De
▼ Normalise Links to 75 %				
		ОК	Canci	ام

It also determines the audio quality and format in which the Voice Track is recorded. This may seem strange but if you think about it, you want to be able to control the audio format and quality that Voice Tracks are recorded at to allow you to have a consistent sound for your station output. If you allowed the remote user to set this recording quality, a presenter of a slower web link may decided that they want to record all their links with a heavier compression scheme but this will have a negative effect on the overall sound of your station.

Finally, Remote Edit Server has the ability to Normalise each Voice Track that is submitted by RVT clients. This allows you to have some control over the audio level at which your Voice Tracks are produced at.

#### **Download Format**

The Download Format option allows you to select the audio quality for the 'preview' audio files sent to the RVT client. It is recommended to keep the quality fairly low in order facilitate faster download speeds for the remote user and as all they need to be able to do is hear the audio in order to record a Voice Track, something like 28Kbps should be adequate.

Settings			D
Network	Audio		Other
Choose the audio format that re Windows Media Audio; Audio Upload Format: Choose the audio format that lin	for FM radio quality (28.8 K	bps mono)	
Windows Media Audio; Audio			
		OK	Cancel

To alter the Download Format, click on the Format Select button (to the right) and select the format that you wish to use from the Chose Audio Format Window.

Choose Audio	o Format	
Audio Format Windows	Media Audio (WMA)	•
Windows Profile Fm Radio Quality (28.8	Media Audio (WM Kbps Mono)	A)
WMA 22,050 Hz; 16 Bit	;; Mono; 20 kbps;	
	<u> </u>	<u>C</u> ancel

Use the Profile drop down list to see all of the available options, and select the option that most closely matches your needs.

Chioose	e Audio Format	Ľ
Audio Format	Windows Media Audio (WMA)	Ŀ
	Windows Media Audio (WMA	.)
Proble		
Profile Em Badio (	Juality (28.8 Kbps Mono)	-
Fm Radio G Fm Radio G	Quality (28.8 Kbps Mono) Quality (28.8 Kbps Mono) Quality (28.8 Kbps Stereo)	-
Fm Radio C Fm Radio C Fm Radio C Dial-up Mod		-

Please note that you can only select Window Media Audio (WMA) from the Audio Format drop down menu as all outgoing 'preview' audio files are compressed using windows media format audio.

## **Upload Format**

The Upload Format option allows you to set the audio quality and format for the Voice Tracks that are recorded remotely and uploaded to the Remote Edit Server. Once again, use the Format Select button to change the Upload Format.

Settings			X
Network	Audio	Oth	er
Choose the audio format that	remote users will hear when pre io for FM radio quality (28.8 Kbp		De
Upload Format: Choose the audio format that	links recorded by remote users	will be uploaded a	ati
Windows Media Audio; Aud	io for CD-quality transparency (1 %	28 Kbps stereo)	
		OK	Cancel

Once again, this opens the Choose Audio Format window which is used to select the Upload quality and also the audio format.

udio Format	Windows N	/ledia Audio (W	'MA)	
	Windows V Windows M	VAV (WAV) 1edia Audio (W	MA)	
Profile				
Cd-quality T	ransparency	(128 Kbps Ster	reo)	-
W/MA 44 10	0 Hz: 16 Bit:	Stereo; 128 kb	DS:	

In this case, because you may not wish the uploaded Voice Tracks to be compressed at all, you can use the Audio Format option to switch between Window Media Audio (compressed) and Windows WAV (non compressed or linear audio).

If you select WMA then you can use the Profile drop down list to select the audio quality.

📽 Choose Audio Format 🛛 🛛 🔀			
Audio Format	Windows Media Audio (WMA)	•	
Profile	Windows Media Audio (WMA)		
Cd-quality T	ransparency (128 Kbps Stereo)	•	
Dial-up Moo Single-char Near-cd Qu	uality (28.8 Kbps Stereo) lems (56 Kbps Stereo) nel Isdn (64 Kbps Stereo) ality (64 Kbps Stereo)		
Cd-quality (	96 Kbps Stereo) ransparency (128 Kbps Stereo)		

If you select Windows WAV Audio format then you get slightly different options.

Audio Format	Windows WAV (WAV)		
Windows WAV (WAV)			
Format IMA ADPCM (4:1 Compressed)			
Sample Rate	44,100Hz		

In this case, you can use the Format drop down to switch between IMA ADPCM (4:1 compressed) or PCM (non compressed).

😫 Choose	Audio Format	×
Audio Format	Windows WAV (WAV)	•
<u> </u>	Windows WAV (WAV)	
Format	IMA ADPCM (4:1 Compressed)	•
Sample Rate	PCM (No Compression) IMA ADPCM (4:1 Compressed)	Mono
	<u> </u>	Cancel

You can also use the Sample Rate drop down to select the sample rate that you wish to use (44,100Hz is CD quality and recommended) as well as whether the file should be mono or stereo.

Choose Audio Format	×
Audio Format Windows WAV (WAV)	•
Windows WAV (WAV)	
Format PCM (No Compression)	
Sample Rate 44,100Hz   G Stereo  Mono	
<u> </u>	

Upload Format: Normalise Links To XX%

This option allows you to set Remote Edit Server to automatically normalise all submitted files to a preset level.

With this option ticked Remote Edit Server will scan through the audio after it has uploaded it, find the loudest point and then work out how much it will need to amplify or reduce the volume by in order for this point to make it the same as the Normalise To percentage. Once it has this value, it will then apply the same amplification / reduction to the rest of the file and hence the file will be normalised. The important thing is if all the audio files uploaded are normalised to the same value then the loudest point in each file will be exactly the same.

The percentage value represents the entire range of volume of the sampled audio with 100% representing full volume (e.g. wave form reaches top of scale) and 0% presenting silence.

Myriad can also be set to normalise all imported and ripped audio to a preset percentage. It may be that you want to set the Normalise setting in Remote Edit Server to be the same as Myriad but also, you may decide that Voice Tracks should be normalised to a slightly higher level which is why it can be set separately.

#### The Other Tab

The Other tab is used to house a few miscellaneous options that do not fall under the Network or Audio categories.

Settings		×
Network	Audio	Other
Security Options:	sswords to login	
Logging: Store Log Files here:		
C:\Myriad v3 Documentation	Test Data\SYSTEM\Remote B	Edit\Logs 🔄
Other Options: Minimise to the System Tra	ah	
		OK Cancel

## Security Options: Allow Users With Blank Passwords To Login

Remote Voice Tracking users have to log in to the Remote Edit Server with their standard Myriad User Name and password and Remote Edit Server then checks this against the P Squared Directory top ensure they are a valid User and that they have access rights to edit the Log remotely. If they do then they are allows to proceed to using RVT to edit the log and record Voice Tracks.

The problem is that Myriad does allow Users to opt to have blank passwords as part of their login detail and whilst this may be ok inside your station (where only your staff are allowed), it may represent an unacceptable security risk for Remote Voice Tracking as the last thing you want is a complete stranger (or someone malicious) editing your log or recording Voice Tracks that will be broadcast 'on air' unless you intervene to stop them.

It is recommended that Users be forced to keep passwords in order to access the system. This can be achieved by switching this option off.

#### **Logging: Store Log Files Here**

Remote Edit Server stores a constant log of RVT activity to provide you with information about who has been doing what should you need it.

3	Settings		X			
Í	Network Security Options:	Audio	Other			
	Allow Users with blank passwords to login					
	Store Log Files here: C:\Myriad v3 Documentation Test Data\SYSTEM\Remote Edit\Logs					
	Other Options:					
		(	DK Cancel			

This option allows you to set a local or network folder location for Remote Edit Server to store this log information in. To set an alternative location, click on the Select Folder button and browse to the location you wish to use.

Browse For Folder	? 🔀
Select a folder	
<ul> <li>Desktop</li> <li>My Documents</li> <li>My Computer</li> <li>My Network Places</li> <li>My WAV Files</li> <li>phone photos backup</li> </ul>	
Make New Folder OK	Cancel

# **Other Options: Minimise To The System Tray**

This option allows you to set what happens to Remote Edit Server when it is minimised. If this option is ticked then when you minimise the Remote Edit Server application, instead of just minimising on the Start Bar like a normal application, it goes to a small icon in the 'sys tray' which is next to the clock on the right hand side of the Start Bar.



This option is useful if you are running Remote Edit Server on a machine that also performs other tasks as once Remote Edit Server is configured and running, you can pretty much forget about it.

## The Remote Edit Server Settings Window Summary

Once you are happy with all of the settings on the Remote Edit Server Settings Window, click on the OK button and your settings will be saved and Remote Edit Server will finish loading for the first time.

# The Remote Edit Server General Screen Layout

The Remote Edit Server general screen layout is outlined below.



These sections are explained in more detail below.

## **Menu Options**

The Menu Options section provides access to a range of tools and settings to allow you to configure both Remote Edit Server and your Myriad system as a whole.

The majority of these settings have already been covered in the main Myriad documentation or earlier in this manual so the brief guide below is intended as an overview only.

#### **File > Reset Connection**

This option is used to cut the connection to a RVT client and reset the system to allow another RVT client to connect.

You can use this option to drop any connections that may have inadvertently been left open or if some problem is preventing the RVT client from correctly ending the session.

File > Exit

This option is used to close the Remote Edit Server application which will also drop all active RVT client connections.

#### Tools > Pre Seed Audio Cache

In the previous section, we looked at how Remote Edit Server can be configured to store a cache of audio files that have already been chopped to the correct size and encoded at the correct rate. That way, if an RVT client requests an audio files that is already cached then Remote Edit Server will sent RVT the cached version which saves time and resources. Normally, Remote Edit Server will build up a sizable cache of audio files over time but as they are only created as RVT requests them, it can take a while (if ever) for a useful amount of the audio files to be stored in the cache.

The Pre Seed Cache option on the Tools menu counteracts this by allow you to set Remote Edit Server to work through a range of Carts on the Audio Wall and generate the chopped and compressed audio preview files for all of the selected Carts regardless of whether a RVT client has requested them.

If you are using a large Audio Wall then this can considerably speed up the RVT process as the user will not have to wait while Remote Edit Server extracts, chops and compresses audio files, they will already be in the correct format and ready to be downloaded. The only downside is that the cached audio files will take up hard disk space on your system (see Settings Window > The Network Tab for more details).

To use this facility, select the Pre Seed Audio Cache option on the Tools menu.



Next, use the Start Audio Reference and End Audio Reference fields to type in the start and end Cart Slot Numbers that you wish to use. If you are not sure, you can click on the Cart Browser buttons to use the Cart Browser to select the Start and End Carts.

🛿 Pre-Seed the Au 🔳 🗖 🔀
Start Audio Reference End Audio Reference 9999 Clear existing cached items
Calculate Required Disk Space
OK Cancel

N.B. See Cart Browser section of main Myriad User Guide for more details on using the Cart Browser.

If you tick the 'Clear Existing Cached Items' option then Remote Edit Server will work its way through the selected Cart Range and generate cached audio files for each Cart in that range (well not the blank ones!). If you leave this option un-ticked (the default) then Remote Edit Server will not overwrite any audio files that already exist which effectively means it will only add in new Carts or Carts that have changed. This is useful as you can run this facility periodically to keep your cached files roughly in sync with your Audio Wall.

Remember that is RVT client requests a Cart that is not cached, Remote Edit Server will generate it anyway so this is not critical.

Finally, you can click on the Calculate Required Disk Space button to get Remote Edit Server to scan through the requested Cart Range and calculate how much space will be required to Pre Seed the Audio Cache with the selected Carts.

🗷 Calcu	late Seed Size 🛛 🔀
	You need 83.5 MB free to seed this cart range There is 201.7 GB available

This allows you to see how much space will be needed and avoids running the tool if you do not have enough space to complete the operation.

Once you are happy with the settings, click on the OK button to begin the Pre Seed process.

Myriad v3 Remote Ed	t Server - Profile1 📃 🗖 🔀
<u>File T</u> ools <u>S</u> ettings <u>H</u> elp	
Currently Connected User	
Username: No User Logged In	
Connected at:	
Event History-	
Time Event	
	atus: Listening
03/07/2006 19:23:44 Pre-seeding /	udio Cache
Pre-seeding Cart range 1 to 10: Currently ca	shing 2 - I I Mau Find It - A Bit Hot
The becaring carchange into no. contentity ed	Cancel

As you will see, Remote Edit Server continues to operate normally while it is generating the audio files in the background.

Myriad	l v3 Remote Edit Server 🔀
(į)	Pre-Seed Complete.
	ОК

Once the process is complete, Remote Edit Server will let you know.

## Tools > Clear Audio Cache

As you would expect, this option is used to clear the audio cache that Remote Edit Server has stored so that no audio files exist in the cache. If you select this option, you will first be asked to confirm that you want to proceed.

Myria	d v3 Remote Edit Server	$\mathbf{X}$
?	Are you sure you want to clear all the cached au	dio?
	Yes <u>N</u> o	

If you select Yes at this stage then Remote Edit Server will delete all of the audio files stored in the cache.

Myriad	l v3 Remote Edit Server 🔀
¢,	Cache Cleared
	ОК

## Settings > Audio Wall Settings

This provides access to the Myriad Audio Wall Settings window which is used to set the location of the audio files that make up the Myriad Audio Wall as well as the settings that the Audio Wall File Locations use.

CAUTION: This is a Myriad setting; altering this setting will effect Myriad as well as Remote Edit Server. You should only use this feature if you know what you are doing and mean to re-configure your Myriad system as well.

The first thing that you will see with this option is a warning that any changes made in this window will affect Myriad.



Click on Ok to proceed.

Next you will see a warning that changing the file locations will invalidate the audio file cache and Remote Edit Server will delete the old audio file cache if you set up a new Myriad Audio Wall File Location (which makes sense as the old cache will be invalid).

Myriad	d v3 Remote Edit Server 🛛 🕅
?	Changing the Audiowall locations invalidates the cart cache. If you continue then the cache will be cleared. Would you like to continue?

If you wish to proceed, click on the Yes option.

Carts 1 to 1000:	C:\Myriad v3 Documentation Test Data\Audio	
	✓ Store all carts in the same location	
Carts 1001 to 2000:	C:\Myriad v3 Documentation Test Data\Audio	_
Carts 2001 to 3000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 3001 to 4000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 4001 to 5000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 5001 to 6000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 6001 to 7000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 7001 to 8000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 8001 to 9000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 9001 to 10000:	C:\Myriad v3 Documentation Test Data\Audio	
Carts 10001 to	C:\Myriad v3 Documentation Test Data\Audio	

This provides access to the standard Myriad Audio Wall File Locations window which is used to change the location of the audio files Myriad uses for the Audio Wall and also to configure the Global Audio Wall Settings.

The settings on this window are covered in the main Myriad User Guide and are not within the scope of this document.

## **Settings > Station Database Settings**

The option provides access to the Myriad Station Database Settings which are used to configure individual Station Databases in Myriad.

CAUTION: This is a Myriad setting; altering this setting will effect Myriad as well as Remote Edit Server. You should only use this feature if you know what you are doing and mean to re-configure your Myriad system as well.

If you have more than one Station Database, you will first be asked to select the Station Database you want to work with.

🔑 Choo	ose Database:			×
*	25/04/2006 12:25:40 Hot AM stationAM	2	Hot FM	/2006 19:07:42 <b>1</b> řestMusicQNXT
0			ОК	Cancel

Highlight the Station Database you wish to work with and then click on Ok.

🗷 Database Settings 🛛 🛛 🔀
General       Q-AE       Log Entries       Log Layout       Hooks       OCP/STS       Log Import         General Settings:       Image: Control of the set
Segue Editor/Voice Link Settings:         ✓ Update the Segue Display whilst recording new voice links         When previewing the outgoing track, play the previous 10 seconds of the cart.         The Segue Editor should stores new voice links between cart 8001 and cart 8999         ✓ Automatically start recording when the Audio Level rises above 25 %         Audio Format:       Windows WAV; 44,100Hz; Stereo; PCM
Miscellaneous Settings:         If Myriad is shut down unexpectedly, automatically restart after 10 seconds.         Information: The database is using 'Record Level' locking.
OK Cancel

The Station Database Settings window will then open. You can use this to configure a wide array of options that will affect all Myriad workstations that access the Station Database you are working on so be careful!

The Station Database Settings window is covered in detail in the main Myriad Users Guide and is not covered in this documentation.

#### **Settings > P Squared Directory Settings**

This option offers access to the P Squared Directory Settings window which is used to configure security groups in Myriad as well as a range of other User related features.

	Security Groups	Backup
ocation that the Directo	ry Databases and other informa	ation is stored in:
Path: C:\PSQUARE	D\DIRECTORY	Change
Contact Options:		
Automatically create	e users when they first use Dire	ctory Enabled Software
Other Licensed Compute	rs:	
Number of Computers A		
March and Chinese and the		
Number of Licenses in (	use: 0	
Note: This is the amour	it of standalone Directory Mana	
Note: This is the amour P Squared Directory en	it of standalone Directory Mana abled Applications such as My	
Note: This is the amour	it of standalone Directory Mana abled Applications such as My	

CAUTION: This is a Myriad setting; altering this setting will effect Myriad as well as Remote Edit Server. You should only use this feature if you know what you are doing and mean to re-configure your Myriad system as well.

The Directory Settings window is covered in detail in the main Myriad User Guide and is not re-covered in this manual.

**Tools > Myriad Settings** 

The Myriad settings option is used to access the Myriad Settings window which allows you to alter a number of local and remote Myriad related features.

CAUTION: This is a Myriad setting; altering this setting will effect Myriad as well as Remote Edit Server. You should only use this feature if you know what you are doing and mean to re-configure your Myriad system as well.

When you access this option, the first thing you will see is a warning that you are about to alter the settings for Myriad not necessarily Remote Edit Server.

Myria	d v3 Remote Edit Server 🛛 🔀
1	These settings are shared with all other Myriad programs and Tools installed on this computer! Furthermore, some of these settings are shared with all networked Myriad computers.
	ОК

You will then proceed to the Myriad Settings window which offers access to all the Myriad settings.

🛚 Myria	d Setti	ngs		2		
Vie	w' Menu	'On-Air' Control	Other Settings	Advanced		
Data Lo	Station Database					
Location	that the Myria	ad System files, Database	es and other information	is stored in:		
Path:	C:\Myriad v3	Documentation Test Da	ta\SYSTEM	Change		
Other:	Name	Path				
	(Commands)		Documentation Test Da	141121		
	(Scheduled (Played Log		Documentation Test Da Documentation Test Da			
	(Reports)	C:\Myriad v3	Documentation Test Da	it		
(Live Read Scripts) C:\Myriad v3 Documentation Test Dat						
	]					
				_		
			OK	Cancel		

This section is covered in detail in the main Myriad User Guide so you should refer to that document for more details on the options offered here.

#### **Tools > Program Settings**

At last, something that is fully Remote Edit Server related!

Settings		Đ
Network	Audio	Other
Command Port: 6940 Close connection when i	1	minutes.
Audio Cache Folder: C:\Myriad v3 Documentatio	n Test Data\SYSTEM\Remot	e Edit\Cache 🔄
Allow the client to clear t	he server cache	
		OK Cancel

Selecting this option will open the Remote Edit Server Settings Window which is covered in detail in the Remote Edit Server Settings Window section earlier in this manual.

The Remote Edit Server Settings window is divided in to three tabs.

- 1. Network for setting up the way Remote Edit Server communicates with RVT clients.
- 2. Audio for setting up the audio quality and format for the audio files that are downloaded and uploaded.
- 3. Other A range of general settings not related to network or audio functions.

All of the options on this window are covered in detail in the Remote Edit Server Settings Window section earlier in the manual.

#### **Tools > License Details**

This option is used to access the Remote Edit Server License Wizard which is used to enter an updated license code or check to see when you current license expires.

P Squared Licensing Wizard - Current License Det
Current License Details Displays the information about any existing License Code
Your current License Code was entered:
03 July 2006 16:06
Your current License Code Expires:
04 October 2006
If you want to 'release' this License so you can use it on another computer:
Click here to 'Release' this License
You only need to add a new License Code if you are near your expiry date. If not, press cancel to exit this wizard.
< <u>Back</u> <u>N</u> ext <u>Cancel</u>

You may have to enter a new license code periodically (as an anti-piracy measure) in which case you will need to use this wizard from time to time.

A full walk through of the License Wizard can be found in the Licensing Remote Edit Server section earlier in this user guide.

## **Help > Update Information**

This option displays a text file that is installed with each new build of Remote Edit Server, which details any changes, enhancements or bug fixes that the new (and previous) versions of the software contains.



It is worth a read through each time you install a new version of the software as they may be a cool new feature that you would not otherwise know about.

# Help > P Squared On The Web

This option provides direct access to a range of P Squared web sites to give you a quick way to get to any P Squared web site.

Tools Settings	Help	
urrently Connected Us	Update Information	
Username: No U:	P Squared On the Web 🔸	P Squared Forum
Connected at:	About Myriad	Online Technical Support Licensing Information
		P Squared Home Page
vent History		
Time	Event	
03/07/2006 19:07:55	Command Status: Listening	
03/07/2006 19:23:44 03/07/2006 19:24:00	Pre-seeding Audio Cache Pre-seeding Audio Cache - Comple	
03/07/2000 13.24.00	r re-seeding Addio Cache - Compi	cicu

Selecting an option from this list will open the selected web site in your PCs default web browser.

# Help > About Myriad

The About Myriad option opens the About Myriad which is principle used to determine the exact version number of the software you are using.

🍳 About Myriad v3 Remote Edit Server 🔀					
	Version 3.0.17				
47	This License Holder's P-SQUID is: PSQUARED and the software is registered in the name: Kylie Desktop				
Myriad v3	Support Website: <u>www.psquared.net/support</u> Support e-mail: <u>support@psquared.net</u>				
international copyrig of this program or ar and any such actior	uter program is protected under ht law. Unauthorised reproduction py part of it is expressly forbidden is may result in civil and criminal maximum extent of the law.				

It also contains some other useful information that P Squared engineers may ask for when dealing with any requests you may have.

#### **Current User**

The Current User section of Remote Edit Server shows the Username of the person who is currently logging in to Remote Edit Server via a RVT client.

<u>F</u> ile	Tools	<u>S</u> ettings	<u>H</u> elp		
	mently Ut	onnected Us			
	Usernan	ne: liamb			
	Connect	ed at: 03/07	7/2006 19	:55:48	
					_
EX EX	/ent Histo	rv			

This Username will be the same as the Username that they use to log in to Myriad when they are at the station.

#### **Connection Details**

The Connect Details section shows the date and time when the currently connected User logged on to the Remote Edit Server.

💌 Myr	iad v3 R	emote Edit Server
<u>F</u> ile <u>T</u> o	ols <u>S</u> ettings	s <u>H</u> elp
Curren	tly Connected U	
	ername: liam nnected at: 03/	ib 107/2006 19:55:48
-Event	History	Event

#### **Event History**

The Event History window shows a rolling list of the tasks performed by the user remotely using RVT.

Currently Connected Use		
Username: liamb		
Connected at: 03/07/	2006 19:55:48	
Event History		
Time	Event	1
03/07/2006 19:59:51 03/07/2006 19:59:52	Log Item 18/06/2006 23:48:38.23 "Footloose" (2361.96874999998) move Soft Deleted Log Item 18/06/2006 23:52:13.55 "Purgatory" (2361.968402	
03/07/2006 19:59:52	Locked Log Item 18/06/2006 23:40:58.59 "I'm Not A Girl, Not Yet A Wom	
03/07/2006 19:59:57	Locked Log Item 18/06/2006 23:44:44.57 "Walk This Way" (2361.96718	
03/07/2006 20:00:20	Locked Log Item 18/06/2006 23:44:44:37 Walk This Waly (2501:50710 Locked Log Item 18/06/2006 23:40:58:59 "I'm Not A Girl, Not Yet A Wom	
03/07/2006 20:00:20	Locked Log Item 18/06/2006 23:44:44.57 "Walk This Way" (2361.96718	
03/07/2006 20:00:39	Saved changes to HD Item 8061	
03/07/2006 20:00:39	Saved changes to HD Item 8061	
03/07/2006 20:00:51	Saved changes to HD Item 8061	
	Uploaded new audio for HD Ref 8061	
03/07/2006 20:00:55		
03/07/2006 20:00:55 03/07/2006 20:00:56 03/07/2006 20:00:56	Updated Log Item 18/06/2006 23:40:58.59 "I'm Not A Girl, Not Yet A Wo Updated Log Item 18/06/2006 23:44:44.57 "Walk This Way" (2361.9671	

As you will see, Remote Edit Server keeps a fairly comprehensive lists of the actions of the RVT user and these are also stored as Log Files to allow you to look back at previous activity.

The Event History window acts as a very useful trouble shooting tool is the remote user is having difficulty performing a particular task.

# **Trouble Shooting**

In this section we will look at some of the more common issues you may face with Remote Edit Server.

#### Networks, Firewalls & Port Forwarding

The biggest issue you are likely to face with Remote Edit Server is that in order to allow Remote Voice Tracking clients to connect to the Remote Edit Server you will have to configure your network and firewall to firstly allow connections to the PC running Remote Edit Server and also open up the Ports that Remote Edit Server is using for Data and Communications.

Unfortunately, the assistance that P Squared can offer in this area is very limited as each network and security system is different.

If you are using Windows XP's in built software firewall then the first time you run Remote Edit Server, the XP firewall will detect the need for external connections and ask you whether you wish to Block or Unblock connections to this application.

🖗 Win	dows	Security Alert		X
٢		protect your computer, tures of this program.	Windows Firev	rall has blocked
Do you	want to k	eep blocking this prog	ram?	
-	Name:	MyriadRES3		
4	<u>P</u> ublisher:	P Squared Ltd.		
		Keep Blocking	<u>U</u> nblock	Ask Me Later
Internet of	or a network	as blocked this program from c. If you recognize the prog ould I unblock a program?		

You MUST click on the Unblock option when this window appears.

The problem is that most stations will also operate a hardware firewall of some description and this will also need to be configured to allow Remote Edit Server to communicate with the 'outside world'.

You can view the Ports that Remote Edit Server will require to be 'open' by selected the Settings Menu > Program Settings option and switching to the Network tab.

Settings		Σ
Network Connection: Command Port: 6940 Close connection when Keep a local cache of auc Audio Cache Folder:	1	Other minutes.
	n Test Data\SYSTEM\Rem he server cache	ote Edit\Cache

Here you can view and edit the two Ports that Remote Edit Server and Remote Voice Tracking will use to communicate, it is these ports that must be 'open' on your firewall and must 'forward' connections to the Port to the Remote Edit Server PC.

This is known as Port Forwarding and it basically means that whenever an external PC connects to your firewall using the selected Ports, the firewall will automatically pass the information on to a specific PC, in this case the Remote Edit Server. The Remote Voice Tracking then connects to the firewall at the station (not the Remote Edit Server directly.

Settings		
Sold Provide the second	Remote Voice Tracking	
Username:	liamb	
Password:		
	Remember password	
Server:	the-stations-firewall	
	Connect Cancel	Options >>

The diagram below shows the general overview of what needs to happen.



The way in which this needs to be set up varies with different firewall equipment and network configurations and unfortunately, P Squared are unable to offer technical support with configuring firewalls.

The screen shot below shows an example configuration when working with a DrayTek Vigor 2900 Series firewall but it will be different on other makes and models.

	0.1.1.10/ - Microsoft Internet Explorer provided by P Squar
Back 🔹	💿 🔹 🖻 🏠 🔎 Search 🤺 Favorites 🤣 🍙 🍡 🌉 😫 🧏
İdress 餐 ht	tp://10.1.1.10/
oogle -	🗸 🖸 Search 🔹 🛷 PageRank 🦓 Check 🔹 🌂 AutoLink 🔹 🗟 AutoFill »
Dray	Tck Prozdband Security Router eed Setup > NAT Setup > Open Ports Setup > Edit Open Ports Setup
	Index No. 7         © Enable Open Ports       Wan IP       Comment         MyriadRVT       WAN IP       V         Local Computer       192       168       1       9       Choose PC         Protocol       Start Port       End Port       Protocol       Start Port       End Port         1       TCP       6940       6941       6        0       0         2        0       0       7        0       0       0         3        0       0       0       0       0       0       0         4        0       0       0       0       0       0       0         5        0       0       0       0       0       0       0         Cancel       Clear Al       OK       OK       OK       O       O       O
	Copyright (c) 2004, DrayTek Corp. All Rights Reserved.

For details on how to work with your stations firewall, please consult your IT department or the firewall manufacturer's documentation.

If you require further assistance, then P Squared may be able to help but this would result in a small support charge as it is not covered by any support contracts with P Squared.

## Using Remote Edit Server With A VPN Connection

As an alternative to the Port Forwarding method outlined above, if your station is set up allow VPN (Virtual Private Network) connections then this provides a much simpler method for allowing Remote Voice Tracking Clients to connect to your Remote Edit Server.

VPN allows users in the 'real world' to login to your corporate network as if they were in your building but instead of being physically at your site, their connection is 'tunnelled' through the web.

VPN's are great because if a user logs in to your network via VPN, they are effectively on your network and as such can access the resources within your network that you allow them. This means that once a Remote Voice Tracking client has logging in to your network via VPN, they can then connect to the Remote Edit Server directly using the Remote Edit Server name.

Settings		
	Remote Voice Tracking	
Username:	liamb	
Password:	XXXXX	
	Remember password	
Server:	my-remote-edit-server	
	Connect Cancel	Options >>

This method is undoubtedly simpler providing your network is already configured to accept VPN connections. If your network is not configured for VPN's then you will need to consult your IT department to determine whether your equipment will support VPN's and also to get advice on how to configure tyour equipment for VPN's. Unfortunately, P Squared technical support are not able to assist in this area.

The VPN method appears to be idea but there a couple of things that you need to consider.

 When a user logs in to your network via VPN, it is as if they have logged in use a PC within your building and will have access to all of the network resources that would be available if they used the same username and password in a PC in your building. This may be fine for employees but if you are using freelance presenters, you may not wish to give them so much access. • Not all firewall equipment allows VPN connections and sometime, configuring VPN access securely can be challenging.

If you can over come these issues then using a VPN connection provides and excellent alternative to the 'port forward' method outlined in the previous section.

# **Remote Voice Tracking (RVT)**

Remote Voice Tracking (or RVT) is the stand alone application that is installed at all remote sites or roving PCs that you wish to have access to your Station Log via the Remote Edit Server. The RVT client is designed to look and act just like the Log Screen in Myriad and it allows you to review and edit the Station Log, edit segues and record Voice Tracks locally which are then automatically uploaded to the station and inserted in to the Station Log by the Remote Edit Server.

D.	11:00	), 05 July 200	8: Main Daytime Disconnect	Refresh	11:48:2	5
Soto	垠	11:45:16	Cart 3075	l'm Not A Girl, Not Yet A Woman Britney Spears	3:46 Ends Intro 12 secs	5
	9 <b>9</b> 2'	11:49:02	Cart 8	Purgatory Music	:5 Intro 0 secs	)
eview	Ø	11:49:06	Cart 9	Purgatory	: 9 Intro 0 secs	5
	86	11:49:14	Cart 3063	Bohemlan Rhapsody Queen	5:50 Ends Intro 0 secs	)
	æ	11:55:04	Cart 3026	Caught In The Middle A1	3:24 Intro 21 secs	
	2021	11:58:27	Cart 12	Welcome	: 6 Intro 0 secs	
	8	11:58:32	Cart 3017	Will I Ian Van Dahl	2:37 Ends Intro 3 secs	)
	<b>8</b> b	12:01:08	Cart 3051	Summer Nights John Travolta Olivia Newton John	3:33 Ends Intro 8 secs	
		12:00	LIVE	Wed 05 July 2006, Main Daytime	1:04:01	
	a fait	12:00	Cart 41	Purgatory FM	:13 Fades Intro 0 secs	
	35	12:00:17	Cart 3039	Sweet Little Mystery Wet Wet Wet	3:34 Fades Intro 1 secs	)
	Tota	il Hour Durati	on: 01:04:41			
ie In GR	0	(No notes	for this Item)	T= Net A Gri, Net Yes A Woman, Untroy Spears	gatory Hus c	
	E	mpty		2 Empty 2 Empty		Re

If you are familiar with Voice Tracking in Myriad then this screen will look very familiar indeed and you should be able to largely use RVT without any additional information or training.

As the RVT allows you to work with the Log Screen and record Voice Tracks in almost exactly the same way as Myriad and both areas are covered in a great deal of detail in the main Myriad Users Guide, it is assumed in this documentation that you are familiar with the concepts and operations of Myriad and hence many of the features will only be covered partial detail.

# Setting The Sound Devices That Remote Voice Tracking Will Use

Unlike Myriad which allows you to specify what sound device to use for playback and recording, Remote Voice Tracking uses the default Windows sound devices for playback and recording.

The problem is that you may have more that one sound enabled device attached to your PC (especially if you have things like USB modems connected).

In order to alter the default Windows sound devices, click on the Start button and select Control Panel. Control Panel can be viewed in two different ways in Windows XP depending on how you have set up your PC.





e <u>E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp							
Back - 🕥 - 🏂 🔎	Search 🔀	Folders	•					
dress 🔂 Control Panel							~	€
Control Panel 🛞	Ġ.	×	5		2	*	P	
Switch to Category View	Accessibility Options	Add Hardware	Add or Remov	Administr Tools	Automatic Updates	Bluetooth Configura	Date and Time	
See Also	-	I	a	ser al	<b>I</b>	-		
🌯 Windows Update	Display	Folder Options	Fonts	Game Controllers	Internet Options	Keyboard	Mail	
Help and Support	()		3		Se a la l	EP/	-	
	Mouse	Network Connections	Network Control	Phone and Modem	Phone Monit	Portable Media	Power Options	
		Ś	0		3	1	۲	
	Printers and Faxes	Program Updates	QuickTime	Regional and La	Scanners and Ca	Scheduled Tasks	Security Center	
	(•)	O,	2	(m)	3		<u>8</u> 2	
	Sound Effect	Sounds and Audio De	Speech	Symantec LiveUpdate	System	Taskbar and Start Menu	User Accounts	
	Windows Firewall	Windows Media	Wireless Netwo					

#### Classic View

If you are in Category View, click on 'Sounds, Speech, & Audio Devices' option, then the Sound & Audio Devices option which will open the Sound and Audio Devices Properties window.

If you are in classic view, double click on the Sounds and Audio Devices Option.

In both cases, the Sound and Audio Devices Properties window will open.

olume	Sounds Audio Voice Hardware
Sound p	olayback
O,	Default device:
-	Realtek AC97 Audio
	Volume Adva <u>n</u> ced
Sound r	ecording
2	D <u>e</u> fault device:
8	Realtek AC97 Audio
	Volume Advanced
MIDI mu	usic playback
	Default device:
<u>nien</u> )	Microsoft GS Wavetable SW Synth
	Volume About
Use or	nly default devices

Switch to the Audio tab and then use the drop down list to select the Sound Playback and Sound Recording Default Devices.

# Running Remote Voice Tracking For The First Time

Once you have successfully installed Remote Voice Tracking, you are ready to run it for the first time.

Unlike Remote Edit Server (and most other P Squared products), Remote Voice Tracking is not licensed which means you are free to install it on any PC that you wish and you will not need to license or register the installation with P Squared. This in tern means that the first time you run Remote Voice Tracking, you will not be asked to complete the License Wizard, instead, Remote Voice Tracking will proceed directly to the Connection Settings screen.

Settings		
A Contraction of the second se	Remote Voice Tracking	
Username:	liamb	
Password:		
	Remember password	
Server:	kylie 💌	
	Connect Cancel	Options >>

You use this screen to enter the settings that Remote Voice Tracking will use to connect the desired Remote Edit Server. This window is also used to login to the Remote Edit Server each time that you restart Remote Voice Tracking.

# The Connection Settings Window / Login Window

The Connection Settings window is used to configure the settings that Remote Voice Tracking will use to connect to the Remote Edit Server and also to provide you with the mechanism for logging in and out of the Remote Edit Server you are connecting two.

The Connection Setting window can be viewed in two modes.

## The Connection Window In Simple Mode

Settings		
Sold Provide the second	Remote Voice Tracking	
Username:	liamb	
Password:	жжжжж	
Server:	Remember password      kylie	
361761.		
	Connect Cancel	Options >>

In Simple Mode, you can type in your Username and Password as well as the name of the Remote Edit Server you want to connect to. Remote Voice Tracking uses either the default settings for Remote Edit Servers that it has not connected to before, all the altered settings that you used last time when connecting to a Remote Edit Server that you have set up previously.

You can opt to have Remote Voice Tracking save your password by ticking the Remember Password so that next time Remote Voice Tracking will allow you to connect directly.

## The Connection Window In Advanced Mode

You can also view the Connecting Settings window in Advanced Mode by clicking on the Options button on the bottom right of the window.
This will expand the Connection Settings window in to Advanced Mode which allows you to configure a number of additional settings and preferences.

🗷 Settir	ngs		X
	7	Remote Voice Tracking	
Gene Myriad C	ral	Station Database Local Resources Profiles	
2	Username: Password:	liamb	
		Remember password	
	Server:	kylie 💽	
	Data Port:	6941 Command Port: 6940	
L		Connect Cancel Options <	

The Connection Settings window in Advanced Mode is divided up in to four tabs. The options in each tab are examined in the sections below.

### The General Tab

The General tab is used to set the general connection details for connecting to a Remote Edit Server and is very similar to the Simple Mode view outlined above with the exception that you can also set the specific Port Number to use for the Data Port and the Communications Port.

Each of the options on this tab are outlined below.

- Username This allows you to type in the User Name that you wish to use to login to the Remote Edit Server. This User Name should be the same as the User Name you use to login to Myriad when you are using it at the station.
- **Password** You can type in the Password that is linked to your Username in this box. This is the same as the Password you use to login in to Myriad when you are at the station.

**Note:** Users in Myriad do not have access rights to remotely edit the Station Log by default so you will have to ensure that your system

administrator has enabled you to remotely edit the Station Log prior to attempting to login remotely using Remote Voice Tracking.

- **Remember Password –** Just as it says, if you tick this box then Remote Voice Tracking will remember your Password next time saving you having to type it in again.
- Server This is the Server Name or IP address of the Remote Edit Server that you want to connect to. When connecting over the 'real world' you will probably use an IP address (like 123.321.111.222 – this is not a real address by the way so don't bother trying it!) or real world server name (such as Remote Edit Server.mystation.com).
- Data Port This is the specific Port that Remote Voice Tracking will use to communicate with Remote Edit Server for the purposes of transferring audio files back and forth. It is important that this Port number is set to be the same as the Data Port number on the Remote Edit Server and that the Firewalls at both the radio station and the remote site also have the select Port number 'open' i.e. the Firewalls at both sites allow data to pass through those Ports.
- **Command Port –** This is basically the same thing as the Data Port except that Remote Edit Server and Remote Voice Tracking use this port for communication only, no audio data is transferred using this Port. This makes communication between the two applications always possible. Just as with the Data Port, it is important that this Port number is set to be the same as the Data Port number on the Remote Edit Server and that the Firewalls at both the radio station and the remote site also have the select Port number 'open' i.e. the Firewalls at both sites allow data to pass through those Ports.

#### The Station Database Tab

The Station Database tab allows you to configure what Remote Voice Tracking will do regarding the Station Database once it has successfully connected with Remote Edit Server.

Settings	×
Remote Voice Tracking	
General     Station Database     Local Resources     Profiles       Station Database       Image: Station Database	
Connect Cancel Options <<	

There is only one option on this tab which it the option to 'Open The Last Station Database You Used'.

If this option is ticked then Remote Voice Tracking will attempt to automatically open the Station Database that you last used when connected to the Remote Edit Server. The caption below shows the description of the Station Database that you last used to allow you to see if it is the correct one.

I many cases, your station will only have one Station Database anyway so you do not have to worry about this setting but if your station does have more than one Station Database (say for example if it is an AM and FM station) then you may wish to un-tick this option so that Remote Voice Tracking asks you which Station Database you wish to work with each time you connect to the Remote Edit Server.

🔑 Cho	ose Database:		X
	25/04/2006 12:25:40	05/07/	2006 11:55:03
	Hot AM	Hot FM	
	stationAM	т	estMusicQNXT
		ОК	Cancel

### The Local Resources Tab

The Local Resources tab is used to configure the location and size of the local audio file cache that Remote Voice Tracking generates to speed up operations.

Just as the Remote Edit Server keeps a copy of the 'preview' carts that it generates, the Remote Voice Tracking will store a copy of the 'preview' Carts that it downloads and if it needs to use them again (and the original has not changed) then Remote Voice Tracking will use the 'preview' version from the local cache first, saving then need to download the file again.

🗷 Settings 🛛 🔀
Remote Voice Tracking
General     Station Database     Local Resources     Profiles       Local Cart Cache       Cache Folder:     C:\Program Files\P Squared\Myriad v3\Tools\Remote       Max Cache Size:     500     MB     2% of drive
Override Level Trigger settings in the Station Database         Image: Automatically start recording when the Audio Level rises above 30 %         Connect       Cancel         Options <

You can use the Local Resource tab to set a folder location to store the cached 'preview' Carts in and also to set a maximum space that Remote Voice Tracking can use to store cached audio files to prevent it taking up all the space on your hard disk.

You can also use the 'Override Level Trigger' setting to override the generic volume level at which Remote Voice Tracking will automatically start recording when you are doing a Voice Link. Normally, this setting if fixed at the station but because you may be using very different equipment at your remote location so the threshold level set at the station may be inappropriate.

The options on the Local Resources tab are outlined below.

• Cache Folder – This allows you to set the folder location for Remote Voice Tracking to store the files that it downloads, to be accessed next time it needs them (and assuming nothing has changed at the Remote

Edit Server end). You can use the Browse Folder button to select a local or network location to keep the cached audio files.

- Max Cache Size This setting allows you to set an upper limit to the amount of files that Remote Voice Tracking will be able to store in the local audio file cache. Type in the maximum amount of space (in MB) that you want Remote Voice Tracking to use. If the audio file cache exceeds this size, Remote Voice Tracking will automatically delete files from the cache starting with the files last used the longest ago. It also shows the percentage of the overall capacity of the drive you have selected to the right of the Max Cache Size field.
- Override Level Trigger Settings In The Station Database By default, Remote Voice Tracking will use the same volume threshold when detecting voice for recording, as Myriad station at the station you are connected to. The problem is that whist it may be fine for Myriad to start recording when the incoming volume rises above 5% in a sound proof studio with professional mic's, the situation may be different at a remote location so it is import for you to set the record trigger level that is suitable for the environment you are working on. If you tick this option then Remote Voice Tracking will ignore the settings given to it by Remote Edit Server and instead will use the trigger level volume you set locally.



In the example above, Remote Voice Tracking will not use the trigger level setting in the Station Database but instead will start recording when the incoming audio level reaches 30% during Voice Tracking.

rigger settings in the Station Database	
omatically start recording when the Audio Level rises	above 30 %
Connect Cancel	Options <<

You can also opt to override the Station Database setting and not use Trigger Level recording at all by un-ticking the 'Automatically Start Recording...' option (as above). In this situation, Remote Voice Tracking will not automatically start recording regardless of incoming volume and it will be up to the presenter to manually start recording using either the <SPACE BAR> or the on screen button.

The percentage value refers to the incoming audio volume of the selected input channel on your sound card (which will be the preferred recording device in Control Panel > Sound & Audio Devices > Audio Tab) and the percentage value is relative to the maximum acceptable input to the sound card. E.G. 100% is the loudest input the sound card can accept and 0% is silence. Setting the Trigger Level for a particular environment is a little bit of trial and error but once set you should not need to alter it in the future.

#### The Profiles Tab

The Profiles tab is used for saving the settings in the Connection Settings window to a special profiles file that can then be loaded again at a latter date.

Settings			
A Constant	Remote Tr	e Voice acking	
General Connection Setting Save	Station Database s current settings, or open Save As	Local Resources	Profiles
		Connect Cancel	Options <<

To save a Remote Voice Tracking Profile, ensure the system is set up the way you want it and then click on the Save As button on the Profiles tab.

Select a co	onfig file t	o open	? 🔀
Save in: My Recent Documents	AutoTrck Commands Logs Remote Edit	. ← È ∰ .	
Desktop My Documents My Computer	SCHEDULE Scripts USERS	t	
My Network Places	File <u>n</u> ame: Save as <u>type</u> :	My Profile  Remote Voice Track Configs (*.rvt)	<u>S</u> ave Cancel

You can then select the name and location of the special Remote Voice Tracking Profile file that Remote Voice Tracking uses to store the data.

To load a previously saved Profile file, go to the Profiles tab and click on the Open button. You can then select the Profile file that you wish to load.

Select a c	onfig file	to open				? 🗙
	My Docum My Compu My Compu My Networ My WAV F phone pho	ients iter rk Places iles itos backup	-	← 🏛 (	*	
My Network Places	File <u>n</u> ame: Files of <u>type</u> :	My Profile.rvt Remote Voice Track Co	nfigs (*.rvt)		•	Open Cancel

Once Remote Voice Tracking has loaded the settings, it will let you know.

Myria	d v3 Remote Voice Tracker 🔀
į)	The new settings have been opened.
	ОК

These Profile files are really useful if you are using Remote Voice Tracking to work for several radio stations as then each station has it's own Profile and the settings are kept fully separate.

### **Connecting To A Remote Edit Server**

Once you are happy that you have provided all of the information needed to connect to Remote Edit Server, click on the Connect button to begin the connection.

Settings		
A A A A A A A A A A A A A A A A A A A	Remote Voice Tracking	
Username:	liamb	
Password:	*****	
	Remember password	
Server:	kylie	
	Connect Cancel Optio	ns >>

If there is a problem connecting or a problem with your Username and Password then Remote Voice Tracking will tell you so (see error message windows below for examples), but assuming that all the settings are correct then Remote Voice Tracking should connect to Remote Edit Server without any further issues.

Myria	d v3 Remote Voice Tracker 🛛 🔀
⚠	The connection to the Remote Myriad system failed! The problem was reported as "Authoritative answer: Host not found"
	ОК
Myria	d v3 Remote Voice Tracker 🔽



Myria	d v3 Remote Voice Tracker 🔀
	Login Authentication Failed!
<u> </u>	Your username/password are not valid.
	ОК

If you are running Remote Voice Tracking for the first time (and your station has more than one Station Database) or you have un-ticked the 'Open Last Station Database' option then you will be asked to select the Station Database that you want to work with.

P Cho	ose Database:			
	25/04/2006 12:25:40	05/07	/2006 14:22:17	
	Hot AM	Hot FM	Λ	
	stationAM	1	estMusicQNXT	
		OK	Cancel	

Highlight the Station Database you want and click on Ok.

) -10:	uu, us July 21	06: Main Daytime Disconnec		6:12:1
	16:09:51	Cart 3053		Fades a
			Soul II Soul Intro	0 secs
(m) (%)	16:09:51	Cart 36	Ever Wondered : 4	e
ע יי 5	16:13:28	Cart 3038		0 secs
			The Spice Girls Intro	0 secs
d,	16:16:12	Cart 3006		Ends 10 secs
đ	a <mark>16:16:</mark> 12	Cart 41		Fades 0 secs
1	16:16:12		Unscheduled Advert Break 1:30	
45	9 <mark>16:16:1</mark> 2	Cart 28		Ends 0 secs
d	16:20:31	Cart 3023		Fades 7 secs
45	16:24:01	Cart 7		Sustain 0 secs
d	16:24:06	Cart 3042		Fades 28 secs
J	16:28:54	Cart 3034		Fades 15 secs
To	tal Hour Dura	ition: 01:02:20		
C	(No note	s for this <mark>I</mark> tem)	Leck is Life; Sould Jou Deer Voldered	
	Empty		2 Empty 2 Empty	

You will then be in Remote Voice Tracking!

# The Remote Voice Tracking General Screen Layout

The general screen layout of Remote Voice Tracking will be familiar to anyone who has used Myriad v3 before but we will just recap over the key elements to refresh your memory.



The reason that the general layout will be familiar with most Myriad v3 users is that it is virtually identical to the Log Screen in Myriad and it is designed to act and feel exactly the same so that editing the Log and recording Voice Tracks is as natural as doing it in the studio.

Each of these areas are explained in a little more detail below.

#### The Disconnect Button

The Disconnect button is used to manually disconnect from the Remote Edit Server that your are currently connected to. This will close the connection as well as shut down the main RVT screen and return to the Connection Settings window.

You can also so the same thing using the Disconnect From Myriad option on the File menu.



### The Refresh Button

The Refresh button is used to manually refresh the data displayed on the RVT screen with the latest information from Remote Edit Server. Under normal conditions, RVT will automatically refresh when the following happens.

- You scroll up or down the Log by a page, i.e. you move off the top of the bottom of the log and RVT gets a new page of Log details from Remote Edit Server.
- You edit and segue.
- Your record a Voice Link.

Other than these situations, RVT does not automatically refresh the Log information displayed so if you want to check that it is fully up to date you will need to click on the Refresh button.

#### The Scheduled Log

The Scheduled Log section displays the Scheduled Log information for the time and date you are working with. This Log Screen is exactly the same format and layout as the Log Screen in Myriad and it operates in much the same way. The list below outlines the things you can do in Remote Voice Tracking with the Scheduled Log.

- **Move Log Items –** You can move Log Items up and down the Scheduled Log by dragging them using the left mouse button.
- **Soft Delete Log Items –** You can Soft Delete Log Items by clicking on the Log Item Icon on the left hand side of the Log Item.



Once Soft Deleted, the Log Item remains in the Log but Myriad will not play it as part of Active Playout. You can restore a Soft Deleted Log Item by clicking on the Log Item Icon again.

You can also Soft Delete / Restore Log Items using the Schedule Log right click menu in Remote Voice Tracking.

 Preview Log Items – You can preview Log Items by selecting the item you want to preview and then either clicking on the Preview button or selecting the Preview option on the right click menu. Remote Voice Tracking will then download a low quality version of the Log Item from Remote Edit Server and load it in to a Cart Player once the download is complete.

- Insert Carts In To The Schedule Log You can insert Carts in to the Schedule Log using the Carts button to open the Cart Browser and then dragging the Cart you want to insert to the point in the Log you want to place it.
- Review / Edit Segues You can use the Segue Editor (in either mini or full mode) to review segues and edit them in the same way as you would with Myriad. Remote Voice Tracking will automatically download any Log Items that it needs in order to allow you to preview a segue. When you are happy, click on the Save button and Remote Voice Tracking will update Remote Edit Server with the new segue information.
- **Record Voice Tracks –** Obviously that is the whole point!

### The RVT Log Screen Right Click Menu

You can right click on Log Items in the Scheduled Log to access the Remote Voice Tracking right click menu which is a 'cut down' version of the right click menu available on the Log Screen in Myriad.

e You	Change Ending 🔸	Stop at the end and wait
S	Change Type 🔸	Segue to the Next Item Sweep into the Intro
d	Delete 🔸	Sweep into the Into
	Advanced +	
t	Locked	
4	Preview Hook Preview	

### Change Log Item's Ending

The Change Ending option allows you to alter the Segue Type for the Log Item that you right clicked on. When you select the Change Ending option, the menu expands to allow you to select the Segue Type that you want to change the Log Item to use. The options are:

- Stop At The End And Wait This will change the Segue Type to be a Red (Stop) Segue Type which means that at the end of the Log Item, Myriad will not start the next Log Item until the presenter manually triggers it. This is only applicable when in Live or Preview Live Playout Modes.
- Segue To The Next Item This will change the Segue Type to be a Green (Go) Segue Type which means that at the end of the Log Item, Myriad will automatically segue in to the next Log Item. This is valid for all Active Playout Modes.
- Sweep In To Intro This will change the Segue Type to be a Yellow (Sweep) Segue Type which means the Myriad will use the default sweeper style to embed the Log Item in to the Intro of the next Log Item. This is valid in all Active Playout Modes.

### Special Case – Convert Log Item To Voice Link

The Convert To Link option is only available on the right click menu when you have right clicked on a Log Item that is a Link.



If you select the Convert To Voice Link option, the Link in question is converted to be a Voice Link Log Item and will be treated just like any other Voice Link which includes Myriad 'ducking' the audio playback volume of other Carts when the Voice Link is playing. You can also edit the new Voice Link item using the Segue Editor (in either mini or full mode) to get the perfect mix.

A New Day Has Come, Celine Dion		
	Link 05/12/2005 16:27:05 PSQUARED	
	Lazy, X-Press 2 feat. David Byrne	

### Special Case – Convert Log Item To Cart

The Convert To Cart right click option only appears when you right click on a Voice Link Log Item in the Schedule Log.

Ľ	11:43:22	Cart 36	Lir	nk 10/0
		Convert Log Item to Carl	t	
		Change Ending	•	nb
	11:43:2	Change Type		ittle R
		Delete	•	sure
60	11:46:3	Advanced	+	er Woi
_		Locked		
60	11:46:4	Preview		l want llefire

Selecting this option will convert to the selected Voice Link to be a standard Cart Log Item which means it will be played back without being embedded in to the Intro of the next Log Item (unless you manually alter it to have a Yellow (Sweep) Segue Type) and Myriad will not 'duck' the audio volume on any other Carts while it is playing (again unless you manually set it to be a Yellow (Sweep) Segue Type.

### Change Log Item's Type

The Change Type option allows you to change the Log Item Type for the Log Item you right clicked on. Again, selecting this option will cause an expanded menu to pop out.

	Change Ending	•	
	Change Type	•	Cart
y Music	Delete		Link ✓ Song
	Advanced	•	Advert
y FM	Locked		Auvert
	Preview		

The options are:

- **Cart** Changes the selected Log Item to be a Cart.
- Link Changes the selected Log Item to be a Link.
- Song Changes the selected Log Item to be a Song
- Advert Changes the selected Log Item to be a Advert.

#### Delete Log Item

The Delete menu option is used to delete the Log Item that you have right clicked on. Expanding the Delete menu shows the available options.

nt is Yo	u			
	Change Ending	•		
	Change Type	•		
e	Delete	•	Soft Delete	
ory Mu:	Advanced	٠	Restore Delete Permanently	
any EM	Locked	1		_
ory FM	Preview			

There is an important distinction between Soft Deleting a Log Item and Permanently Deleting a Log Item. When you Soft Delete a Log Item, the Log Item appears 'greyed out' in the Schedule Log and Myriad will act as if it is not there but the Log Item remains visible in the Log and can be restored if need be.

~	HI	X-Press 2 feat. David Byrne	intro 22 secs 😒
<i>§</i> 16:30:43	Cart 41	Purgatory FM The Odd One Sweeper	:13 Fades Intro 0 secs
16:30:43	Cart 3024	Get The Party Started Pink	3:09 Ends Intro 9 secs
<i></i> 16:35:05	Cart 6	Ever Wondered What Hell Samples	:15 Ends Intro 0 secs
@ 16:35:05		Unscheduled Advert Break	1:30

If a Log Item is Permanently Deleted then it is removed from the Schedule Log all together and the only way of putting it back in to the Log is to manually insert it again.

This is not so important when using the right click menu in Remote Voice Tracking as you can not Delete Permanently using Remote Voice Tracking.

The right click Delete menu option allows you to Soft and Permanently delete Log Items depending on which one suits your needs best.

- **Soft Delete** Selecting this option will soft delete the Log Item that you right clicked on.
- Restore This option is only available when you right click on a Log Item that has been Soft Deleted and selecting it will restore it back to the Schedule Log.

**Delete Permanently –** This option is not available in Remote Voice Tracking.

There are also a couple of other options when it comes to Soft Deleting Log Items.

You can also Soft Delete Log Items by clicking on the Log Item Type icon to the left of the Log Item.



You can also Restore a Soft Deleted Log Item by clicking on the Log Item Type icon.

Advanced Log Item Options

The Advanced right click menu option is only available on certain Log Items depending on how you have configured Myriad. It is used to view and edit whether a particular Log Item can be dropped automatically or faded our earlier when Myriad is running in AutoFade Playout Mode. For this reason, the Advanced option is only available on Log Item Types that are allowed to be dropped or faded in AutoFade mode so it would normally be available when right clicking on Songs but not when you right click on an Advert.

All I want is Y	ou		
DellaGue	Change Ending	×	1
Bellefire	Change Type	×	
Purgatory M	Delete	۲	
	Advanced	Þ	<ul> <li>This item can be Dropped</li> </ul>
Purgatory FI	Locked		✓ This item can be Faded
All I Wanna E	Preview		

The reason for the vagueness is that you can configure Myriad to fade Log Items other than Songs early using the Settings Menu > Database Settings and Q-AE tab in Myriad.

You can toggle the 'This Item Can Be Dropped' and 'This Item Can Be Faded' options on and off by clicking on them. This will add or remove a tick from the menu option to indicate the status of the Log Item you originally right clicked on.

In the example below, the Log Item can be faded early in AutoFade mode but can not be dropped.

Ra	pture		
	Change Ending	•	
Щ	Change Type	۲	
B	Delete	+	
W	Advanced	F	This item can be Dropped
VV-	Locked		✓ This item can be Faded
U	Preview Hook Preview		vert Break

N.B. If an item can not be dropped by Myriad in AutoFade Playout Mode, the timing information to the right of the Log Item is displayed in red text.



### Locked

The Locked option on the right click menu is used to indicate whether a Log Item is Locked and also to manually toggle a Log Item status between Locked and normal status.

II Soul	Change Ending	ł
ome	Change Type	ŀ
	Delete	ŀ
cheduled Ac	Advanced	ŀ
	Locked	
atory	Preview Hook	
	Preview	

If the Locked menu option has a tick by it, then the Log Item that you right clicked on is Locked. This will also be indicated by a padlock icon on the Log Item Type indicator.



If an item is Locked then it can not be moved within the Schedule Log or deleted from the Schedule Log. Myriad normally locks Log Items a few seconds before it plays them but you can manually lock a Log Item by clicking on the Locked right click menu option.

### Preview Log Item's Hook

The Preview Hook option on the right click menu allows you to cue just the Hook from the Log Item you right clicked on with the Cart Player in Preview mode.



Remote Voice Tracking will first check the audio file cache to see if the Cart has already been downloaded. If it has then it will use the downloaded version of the Cart and play you the 'Hook' using a free Cart Player. If the Cart is not present in the audio file cache then Remote Voice Tracking will download it

from the Remote Edit Server and play the Hook once the download is completed.

#### Preview Log Item

The Preview option on the right click menu will cue the selected Log Item in to a Cart Player in Preview mode.



Remote Voice Tracking will first check the audio file cache to see if the Cart has already been downloaded. If it has then it will use the downloaded version of the Cart to play using a free Cart Player. If the Cart is not present in the audio file cache then Remote Voice Tracking will download it from the Remote Edit Server and play Cart once the download is completed.

### The Hour Start Marker Right Click Menu

The Hour Start Marker has its own right click menu with different options to the standard right click menu for Log Items.

	Change Hour Mode	✓ Live Assist Mode
	Soft Delete all items in this hour Restore all items in this hour	Full Automation Full Automation, Run to Time
Purgatory	Update Timing Information for this hour	
	Print hour	

### Change Hour Mode

You can use the Change Hour Mode right click option to change the scheduled Active Playout Mode for an hour in the Schedule Log.

	Change Hour Mode	<ul> <li>Live Assist Mode</li> </ul>
Mon 10 Jul Purgatory	Soft Delete all items in this hour Restore all items in this hour	Full Automation Full Automation, Run to Time
Purgatory	Update Timing Information for this hour	
	Print hour	

Use the right click menu to select the mode that you wish to change to, the currently selected mode is indicated with a tick, click on another mode to change it.

The options are:

- Live Presenter controls the segues.
- Auto Myriad automatically segues each item.
- **AutoFade** Myriad automatically segues each item and back-times to Time Critical Events (Absolute Time Markers).

Once you have changed the Active Playout Mode, Myriad will automatically switch to that mode when the Hour Start Marker is reached.

**CAUTION** – Remember that Myriad deals with the Schedule Log an hour at a time so if you have three hours that were originally scheduled as Live Playout Mode and you want to switch the to play in AutoFade mode, you will need to right click each of the three Hour Start Markers and make the change, otherwise, the first hour will be ok but at the start of the second hour, Myriad would switch back to the original Live playout mode which could be a disaster if it was at 3am on New Years day!

#### Soft Delete All The Items In This Hour

If you select this option then Myriad will soft delete all the items in the hour you are working with leaving it effectively empty.

Myriad V Elle Log View			Tracking - kyli	e - Hot FM		
<b>a</b>	12:00.	10 July 2006	8: Main Daytime Disconnect	Refresh 12:	19:04	3
Goto	35	11:50:34	Cart 3066	Ali I Wanna Do 4:04 En Sheryi Crow Intro 2 s	ds secs 🕥	Prev
SegEdit	00	11:54:38	Cart 3009	Why Does My Heart Feel So Bad 3:39 En Moby Intro 0 s		
	¢,	11:54:38	Cart 28	Purgatory FM : 2 En Intro 0 s		Î
Preview	86	11:58:16	Cart 3002	World Of Our Own 3:26 Fac Westlife Intro 8 s		
	æ	12:01:42	Cart 3070	Kiss Kiss 3:24 En Holly Valance Intro 19 s		
		12:00	LIVE	Mon 10 July 2006, Main Daytime 1:00:12		
Log						
		12:00	Cart 32	Purgatory FM : 3 Intro 0 s	secs 😰	
		12:00	Cart 3031	Yellow 4:26 En Coldplay Intro 33 s		
		12:00	Cart 9	Purgatory : 9 Intro 0 s	secs 😰	
		12:00		1:30		V
		12:00	Cart 3079	Drifting Away 3:17 En Lange Skye Intro 10 s		
			on: 01:05:05			Vext
Made In GB	0	(No notes	for this Item)	Riss Riss Toly Veance		Cinco I
1	E	mpty		2 Empty Empty	Rea	ady

This option can be very useful if you have a breaking story or event that means that you need to ditch the originally scheduled programming and use some alternative.

### Restore All Items In This Hour

The Restore All Items option does the opposite to the delete all items in that it goes through the current hour and restores any Log Items that have been soft deleted.

Obviously this is useful for reversing the Soft Delete All option but it can also be useful if you have Soft Deleted a number of Log Items in the hour but you want to restore them all and start again. Instead of having to go through the hour manually restoring them, you can do them all in one go with this option.

### Update Timing Information For This Hour

Update Timing Information For This Hour is used to force Remote Voice Tracking to recalculate the Estimated Play Times for each Log Item in the hour. The Estimated Play Times are calculated when the schedule is first imported in to Myriad but then they are not checked again until the hour is played in one of the Active Playout modes.

### Print Hour

The Print Hour option will send a text version of the hour of the Schedule Log you are working on, to your default printer. Once the print is complete, you will get a conformation message.

Myriad	v3 Remote Voice Tracker
(į)	The printout of this hour has been sent to \\hilly\HP LaserJet 2300 Series PCL 6

#### Page Up / Page Down

The Page Up / Page Down buttons are used to scroll up or down the Scheduled Log a page at a time. Unlike Myriad which scrolls through the Log a line at a time, Remote Voice Tracking deals with the Schedule Log a page at a time (to make remote work more efficient) which means that if you use the <Cursor Keys> (or mouse wheel) to move up and down in the Scheduled Log, Remote Voice Tracking will only move on to the next page of Scheduled Log when you scroll off the bottom of the currently visible Log. The Page Up / Down button on screen will move up or down by a page at a time regardless of where the highlighted Log Item is.

#### Home

The Home button on Remote Voice Tracking will take you to the Log Item that is scheduled to be played closest to current time. So if it is 2pm on Tuesday, hitting home will jump to the Log Item that is scheduled to be playing at 2pm on Tuesday.

#### The Segue Edit Panel

The Segue Edit Panel is used to show a visual representation of the way in which Myriad will perform the transition or 'segue' between the two highlighted Log Items.

The Segue Edit Panel can actually be viewed in two mode, Mini Segue Editor Mode.

£	12:21:45	Cart 24	Florida Kids On Hold Camp	:31 Intro	0 secs	
£	12:22:16	Cart 20	Walls 7 Sins Ice Cream	:33 Intro	0 secs	
6	12:22:48	Auto-Hook	Auto-Hook the next 3 items			
Tota	l Hour Dura	tion: 00:59: <b>4</b> 7				
Daniel wrote this song in his bedroom after spillting up with his girlfriend, it reached No 1 in the charts				Staby alur Cata Oct Tru, The, Deniel Bedrights		

And Full Segue Editor Mode (accessed by clicking on the SegEdit button on the left hand side of the screen).



Mini Segue Editor mode is used to review and edit the way in which Myriad will perform segues (or transitions) between Log Items when it is playing them in one of the Active Playout Modes. The graphics represent the Carts involved, the Extro point on the Cart that is just finishing and the Intro Start / End of the Cart that will play next. By dragging lower item(s) to the left or right, you can adjust the way that Myriad will 'mix' the two Log Items together in automated playout.

Full Segue Editor mode offers the same functions a Mini Mode but also adds the ability to add / adjust fade points on the finishing Item(s) so that you have full control over how the segue will sound. You also use the Full Mode Segue Editor to record Voice Tracks in to the Schedule Log but more on that later.

Both the Mini Segue Editor and the Full Segue Editor are covered in more detail later in this section.

#### Notes

The Notes panel displays any Notes that included as part of the Scheduled Log or an Notes associated with a Cart, with reference to the Log Item that is currently highlighted. As you scroll up and down the Schedule Log you will see the Notes panel update automatically as you highlight a Log Item with Notes of some form associated.

### **Cart Players**

The Cart Players in Remote Voice Tracking operate in the same way as the Cart Players in Myriad. As Remote Voice Tracking needs to play Carts, they are loaded in to one of the free Cart Players at the bottom of the screen and played either manually (by clicking on the Play button on the Cart Player) or more often, automatically by Remote Voice Tracking as part of a segue preview or Voice Tracking session.

The Record Card Player is also the same as the one found in Myriad and is used to record Voice Tracks in to the system ready for uploading to the Remote Edit Server.



The Cart Players (playback) consists of four Cart Controls (Play, Pause, Recue and Eject) as well as Cart title and timing information. The Record Card Player consists of a Record / Stop Recording button and some general timing information.

The Cart Players are covered in detail in the main Myriad User Guide and are fundamental to understanding Myriad so we will not re-cover old ground here. If you do need more information on Cart Players then please refer to the main Myriad User Guide for more details.

#### Preview

The Preview allows you to preview the Log Item that is currently highlighted using a Cart Player.



When you Preview a Cart in Remote Voice Tracking, the system will first check the local audio file cache to see if the Cart has been downloaded and stored previously. If it finds the Cart then it will use the cached copy but if not then it will download the a low quality version of the Cart from the Remote Edit Server and load it in to a Cart Player once it has finished downloading. You can use the Cart Player in the normal way when working with Previews.

### SegEdit

The SegEdit button toggles Remote Voice Tracking between displaying the Mini Mode Segue Editor.

£ 12:21:45	Cart 24	Florida Kids On Hold Camp	:31 Intro Osecs 🔇				
£ <sup>12:22:16</sup>	Cart 20	Walls 7 Sins Ice Cream	:33 Intro 0 secs				
G <sup>12:22:48</sup>	Auto-Hook	Auto-Hook the next 3 items					
Total Hour Dura	Total Hour Duration: 00:59:47						
Daniel wro girlfriend, i	ete this song in hi it reached No 1 in	s bedroom after splitting up with his the charts	Selector				

And the Full Mode Segue Editor.



The Full Mode Segue Editor is used for recording Voice Tracks in to the Scheduled Log so you will need to click on the SegEdit button to start a Remote Voice Tracking session.

### GoTo

The GoTo button is used to jump to a particular time and date in the Scheule Log.

This is especially useful when remotely Voice Tracking as you will normally be Voice Tracking a show for delivery some time in the future and this facility negates the need to scroll through the Schedule Log looking for the show you wish to Voice Track.

To use this feature, click on the GoTo button and select the time and date that you wish to work with using the Select Date window.



When you are happy click on OK.

Remote Voice Tracking will then display the selected hour in the Scheduled Log. If the hour is not available in the Scheduled Log (because it has not been scheduled yet) then Remote Voice Tracking will tell you so.

Myriad	v3 Remote Voice Tracker	×
(į)	That hour could not be found in t	he log
	OK	

### **Menu Options**

The Menu Options offer a range of tools and options for use with Remote Voice Tracking. As with all menu systems, the options are divided in to a number of categories to make navigation as easy as possible. Each of Menu Options is outlined below.

### File Menu > Disconnect From Myriad

This option will close the connection to the Remote Edit Server and return Remote Voice Tracking to the Connection Settings window.

#### File Menu > Open Station Database

This option is only enabled if no Station Database is currently open and it allows you to select a Station Database to work with from the list of available Station Databases on the Remote Edit Server you are connected to.

### File Menu > Close Station Database

This option is only available if a Station Database is currently open and it is used to close the current Station Database that you are working on.



### File Menu > Exit

Used to close the connect to the Remote Edit Server and exit from Remote Voice Tracking.

### Log Options Menu > Display Segue Editor

This option toggles Remote Voice Tracking between the Mini Mode Segue Editor and the Full Mode Segue Editor.

### Log Options Menu > Print Current Hour

This will print out a list of all the current Log Items in the hour you are working with, using your computers default printer.

#### View Menu > View Audio Browser

This will open the Audio Browser which can be used to browse your Myriad Audio Wall and drag Carts directly in to the Schedule Log.



Whist the Remote Voice Tracking Audio Browser looks and acts like the Myriad Audio Browse but with one exception. To the right if each item in the Audio Browser is either a tick or a cross.



In Remote Voice Tracking, the tick signifies that the audio file for the Cart has been downloaded and is available in the audio file cache. If there is a cross then that means that the file has not been downloaded yet or is not available in the audio file cache. You can still drag in Carts in to the Log that have not been downloaded, they will just need to be downloaded before you can preview them.

The rest of the Audio Browser is the same as the Audio Browser in Myriad and is covered in detail in the main Myriad User Guide.

### Tools Menu > Clear Client Cache

This option is used to delete all of the files in the audio file cache that Remote Voice Tracking has stored on the local PC. You can use this option to free up disk space but it will also slow down remote voice tracking as you will need to re-download all of the Carts you want to preview.

### **Tools Menu > Clear Server Cache**

This option is only available if the Remote Edit Server has been configured to allow clients to clear the Remote Edit Server audio file cache. If you select this option then all of the stored 'low quality previews' on the Remote Edit Server will be deleted and the Remote Edit Server will need to generate new low quality previews the next time a Remote Voice Tracking client requests them.

#### Settings Menu > Audio Settings

The Audio Settings option opens the Audio Settings window which is used to override the Remote Edit Server settings for trigger level recording when recording Remote Voice Tracks.

nudio Settings	×
Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station Database         Image: Coverride Level Trigger settings in the Station	
OK Cancel	

At the station, all of the Myriad workstations will be configured to use the same 'trigger level' threshold when recording voice tracks but as your remote equipment may be very different, you may need to override this global Myriad setting and set a level that is more appropriate for your station.

For more details, please refer to The Connections Settings Window In Advanced Mode > The Local Resources Tab.

### **Help Menu > Update Information**

This option provides access to a special text file that is installed each time you update your Remote Voice Tracking installation and it contains important information about new features, enhancements and bug fixes for the version of Remote Voice Tracking that you are running.



### Help Menu > Contents

Provides access to the Remote Voice Tracking online help system.

#### Help Menu > Search

Allows you to search the Remote Voice Tracking online help system to track down the answer you are looking for.

#### Help Menu > About

This option opens the About Remote Voice Tracking window which provides information about the exact version number of Remote Voice Tracking that you are using.

🚳 About Myriad	l v3 Remote Voice Tracking			
ma *	Version 3.0.17 © P Squared Ltd. 2005-2006			
	This License Holder's P-SQUID is: PSQUARED and the software is registered in the name:			
Myriad v3	Support Website: <u>www.psguared.net/support</u> Support e-mail: <u>support@psguared.net</u>			
Warning: This computer program is protected under international copyright law. Unauthorised reproduction of this program or any part of it is expressly forbidden and any such actions may result in civil and criminal prosecution to the maximum extent of the law.				

You may be asked to provide this version number information to a P Squared engineer should your require any technical support.

## The Mini Segue Editor

The Mini Segue editor appears on the Remote Voice Tracking at all times and shows a graphical representation of the segue between the currently highlighted Log Item in the Log and the pervious Log Item.

-07	14:59:05	Cart 32	Purgatory FM Deep Slow Sweeper	: 3 Intro 0 secs	;		
5	15:02:28	Cart 3060	Like To Get To Know You Howard Jones	Nell 3:51 Fades Intro 19 secs			
đ	15:06:19	Cart 3067	The Look Of Love	3:27 Ends			
		HI	ABC	Intro 14 secs			
1. Star	15:06:19	Cart 27	Purgatory FM Sweeper	: 2 Intro 0 secs			
Nex	Next Segue: 2:27 Time Remaining: 01:03:01 Overrun: 00:51:54						
6	This recor Lexicon of		n 1982 and is off the album The	Like To Bel To Know You Yet Hernard Jones			

In the example above, 'The look Of Love' is highlighted so the Mini Segue Editor shows a graphical representation of the segue that it will perform (or did perform) between 'The Look Of Love' and 'Like To Get To Know You Well' which is the previous item in the Log.

The Mini Segue Editor shows the amount of overlap between the Extro point of the previous track and the Intro of the currently highlighted track. It also allows you to manually move these points to experiment with alternative segues and ultimately, save a new segue that Myriad will use when the time comes to play out these two items. But let's look at the Mini Segue Editor in more detail first.



Let's look at that segue in a little more detail. The diagram above shows the segue as Myriad will perform it before we have edited it in any way. You will see that the previous item (in yellow) appears as a block with a sloped ending. The top of the slope represents the Extro point in the Log Item and the bottom of the slope represents the very end of the audio file. This means that the slope shows the duration from the Extro point to the end of the audio file.

The next Log Item (in green) is represented in a similar way but in this case, the bottom of the slope represents the Intro Start of the audio file and the top represents the Intro End point so the slope shows the duration of the Intro on the Log Item.

If we have not edited the segue then Myriad will perform the segue at the Extro Point as can be seen in the diagram.

Now let's use the left mouse button to drag 'The Look Of Love' to the left or right to alter the way Myriad will perform the segue and see what happens.



Here we can see that 'The Look Of Love' has been dragged to the left which moves the Segue Point to the left as well. This means that in this example, 'The look Of Love' would start playing earlier in to 'Like To Get To Know You Well', several seconds before the Extro point on the Song. We can now review the edited segue by clicking on the Play segue button.



Remote Voice Tracking will first check the local audio file cache to see if it has local copies of the Carts involved, if so it will use them but if not then it will request a low quality version of each Cart from the Remote Edit Server.

00		E	lio	Intro 7 secs	<b>U</b>
69	12:14:28	Cart 3007	Whenever Wherever Shakira	3:15 Ends Intro 7 secs	
-9	12:17:43	Cart 3053	Back To Life	3:35 Fades	
			Soul II Soul	Intro 0 secs	
(II)	12:21:17	Cart 12	Welcome	:6 Intro 0 secs	
£	12:21:17		Unscheduled Advert Break	1:30	
SPP -	12:21:22	Cart 16	Purgatory	:9 Intro Osecs	
69	12:21:30	Cart 3026	Caught In The Middle A1	3:24 Intro 21 secs	
Tota	il Hour Durat	ion: 01:00:12		Processing1	of 1
0		De-compress	sing Cart27% Versever, Shakra Dack To Life, Doul I Court	Þ	

Once the files it needs are downloaded, Remote Voice Tracking will load them in to Cart Players and begin playing a preview of the segue.



While the segue is playing, you can drag the Log Items within the Mini Segue Editor until you get the segue exactly the way you want it. Once you are
happy, click on the Save Segue button to commit your new segue timing details to the Schedule Log via the Remote Edit Server.



The Mini Segue Editor is a very difficult thing to explain but once you see it in action, it should all make sense.

Below are a couple of other examples of the Mini Segue Editor in action under different circumstances.



In this situation, we are using the Mini Segue Editor to review a Voice Track between two Log Items. It works in exactly the same way, there is just three Log Items in view at once to allow for the unique characteristics of Voice Tracked segues.



In this case, we are looking at a segue between two Log Items that have no Extro or Intro's set. These are both jingles in so it does not matter too much but if these were songs then they would require some attention.

If at any point, you want to get a bit more control of the Segue Editing or if you want to record a Voice Track in to the segue then you can always click on the SegEdit button to switch in to full Segue Editor mode.

1	12:00	0, 10 July 200	6: Main Daytime			49.57	-00
			Disconnec	t	Refresh	12:57	:09
ioto	1000	12:07:50	Cart 3008	Shoulda Woulda Coulda Beverly Knight		3:29 Intro 13 secs	
gEdit	and a	12:07:50	Cart 27	Purgatory FM		: 2 Intro 0 secs	
	£	12:07:50		Unscheduled Advert Break		1:30	
eview	2 AR	12:07:50	Cart 29	Quick Stab		: 2 Intro 0 secs	
	æ	12:11:20	Cart 3019	Rapture IIO		3:09 Ends Intro 7 secs	
	98	12:14:28	Cart 3007	Whenever Wherever Shakira		3:15 Ends Intro 7 secs	
	56	12:17:43	Cart 3053	Back To Life		3:35 Fades	
			HE	Soul II Soul		Intro 0 secs	
	350	12:21:17	Cart 12	Welcome		: 6 Intro 0 secs	
	£	12:21:17		Unscheduled Advert Break		1:30	
	1.126.55	S 11/4 14/3 0 7/2 # 37/2 # 8/ 42	ion: 01:00:12				
	0	This reco reached t	ord was releas the Number 1	ed on 30th May 1989 and spot	Whenever Wherever, Shakira		► 8
ie In GR						Back To Life, Soul II Soul	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	E	mpty		2 Second Empty		Empty	Re

But more on this later (see Segue Editor).

## Full Mode Segue Editor (And Voice Tracking)

The SegEdit button on the Main Tab Strip is used to toggle between the Mini Mode Segue Editor and the Full Mode Segue Editor. Clicking on the SegEdit button will have the effect of enlarging the Mini Segue Editor in to full Segue Editor mode which allows you to adjust the fade points, position the segue between two Log Items and allowing you to record a Voice Track in between two Log Items.

	Remote Voice     Voice     Voice     Voice     Voice     Voice		ie - Hot FM	
6	12:00, 10 July 200		13:00:	47 🐴
SOL .		Disconnect	( TAUR BOOK	Start
Ø	12:07:50	Cart 3008	Shoulda Woulda Coulda 3:29 Beverly Knight Intro 13 secs	
SegEdit	Je 12:07:50	Cart 27	Purgatory FM :2 Intro 0 secs	
Goto SegEcitt	£ 12:07:50		Unscheduled Advert Break 1:30	
Preview	12:07:50	Cart 29	Quick Stab :2 Intro 0 secs	
	12:11:20	Cart 3019	Rapture 3:09 Ends IIO Intro 7 secs	
	12:14:28	Cart 3007	Whenever 3:15 Ends Shakira Intro 7 secs	
Log	12:17:43	Cart 3053		•
	.5 12:21:17	Cart 12	Soul II Soul Intro 0 secs Welcome :6	
	25	GUITTE	Intro 0 secs	9
	£ 12:21:17		Unscheduled Advert Break 1:30	
	12:21:22	Cart 16	Purgatory :9 Intro 0 secs	
	12:21:30	Cart 3026	Caught In The Middle 3:24 A1 Intro 21 secs	
	Total Hour Durat			Vext
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	Empty		2 Empty 3 Empty	Ready
	1 II I I			•
	aa. a			
🕱 Myriad 🗸	3 Remote Voice			
Tile Los Men			ie - Hot FM	
6	w <u>T</u> ools <u>Settings</u> Le 12:00, 10 July 200	٥		
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The Large green arrow on the Schedule Log shows the two (or sometimes three) Log Items that are currently displayed in the Segue Editor.



You will notice that when you go in to full Segue Editor mode, two or more Cart Players will be reserved for use by the Segue Editor.



To review a segue, click on the Play button on the Segue Editor and playback will begin using the reserved Cart Players.



You can stop playback at any time by clicking on the Stop button (which replaces the Play button while it is playing).



Adjusting Positioning And Fading In SegEdit Mode



Once you are in Full Segue Edit mode, the Segue Editor works in exactly the same way as the Mini Segue Editor (see Mini Segue Editor). The currently highlighted Log Item is shown in the lower section of the Segue Editor (in green) and the previous Log Item is shown in the top section in yellow. As before, the downward slope on the top Log Item indicates the duration between the Extro point on the item and the very end of the audio file. The upward slope on the lower item represents the duration between the start of the Log Item and the Intro End point. The vertical line represents the segue point between the two Log Items and as we have not edited the segue yet, it will be at the previous Log Item's Extro point.



To edit the Segue point between the two items, you the left mouse button to drag the lower Log Item to the left or right.



Note how the Segue Point moves with the start of the Lower Log Item.

CAUTION: when you release the Log Item, the Segue Editor will automatically begin playback of your newly edited segue in the Segue Editor reserved Cart Players.



Again, if Remote Voice Tracking can use a low quality version of the audio from audio file cache, it will do so. If there is not a low quality version available locally then Remote Voice Tracking will download a low quality version of the Carts it needs from the Remote Edit Server

Once playback has started you can continue to edit the segue in the same way if needed. To stop playback, click on the Stop button.



If you wish to abandon your segue edit and return the segue to its original position, click on the abandon button.



When you are happy, click on the Save button to save the new segue information to the Schedule Log via the Remote Edit Server.



You can also use this mode to edit the way in which the previous Log Item is faded out to allow for greater control of the segue. This is done by adjusting the fade 'envelope' (the blue line) on the upper section of the Segue Editor.

The fade 'envelope' consists of two editable points, one for the start of the fade and the other for the end. In the example above, the fade start and end are directly above each other and at the end of the audio file so effectively, Myriad will not fade the item at all. In the example below, the fade 'envelope' has been adjusted to start fading the item out earlier.



Note how the fade 'envelope' has been edited to start fading before the song reaches its Extro point and will be faded out completely before the end of the audio file is reached.

To edit the fade 'envelope' use the left mouse button to drag the fade start and end points to the left or right.



Again, you can use the Save button to save your edited fade 'envelope' and the Abandon button to discard your fade 'envelope' changes and return to the original state.

#### **Recording A Remote Voice Track**

The other primary use for the Segue Editor in full mode is to allow you to record Voice Tracks between Log Items to be played back by Myriad in one of the Active Playout modes.

In general Voice Tracking (as it is known) is used to add 'live' sounding voice links to automated playout to make the listener think that a presenter is presenting the show when in fact Myriad is playing a mixture of Log Items and pre-recorded voice links. The key thing is that when Voice Tracking, each voice link is recorded as if it were being done 'live' and specific for the Log Items that it is positioned between. Myriad then plays the Voice Tracks exactly as they were recorded meaning that they should be indistinguishable from the 'real thing'.

In practice, the Voice Tracking process is very simple to allow the present to concentrate on the content of their links and not what buttons they are pressing. In general, the entire process can be controlled by one button and each stage happens automatically. Remote Voice Tracking allows the Voice Tracking process to be done from a remote location, the procedure is the same but instead of playing the Carts from and recording the Voice Track to the Myriad server, the Remote Voice Tracking application will download low quality versions of the Carts to use for playback and record a local high quality Voice Track which will be uploaded to the Remote Edit Server at the end of the Voice Tracking process.

The general process is:

- 1. Click on the SegEdit button to open the Segue Editor in full mode.
- 2. Highlight the Log Item that you want to be playing at the end of your Voice Track. You can use the GoTo button on the Main Tab Strip to jump to a specific time and date in the Schedule Log if you need to.
- 3. Press one of the following to start the Voice Tracking process:
  - Click on the Voice Tracking button on screen
  - Press the <Space Bar> (make sure that the Log Screen was the last screen you clicked on as you do not want to accidentally trigger an Audio Wall play).
  - Press the <Ctrl>+<Space Bar> (this method works whichever screen you clicked on last).
  - Press the Segue Step button on your Myriad keyboard.
- 4. Whichever method you chose, the result will be the same, Remote Voice Tracking will first check the local audio file cache to see whether there is a low quality 'preview' version of the Carts that it will need in order to play the last few seconds of the previous track and the first few seconds of the next. If the audio file cache already contains the Carts that Remote Voice Tracking needs then it will load them in to the Cart Players and the last few seconds of the previous Cart will automatically begin playback. If Remote Voice Tracking can not find low quality 'previews' of the Carts in question then it will request the Carts from the Remote Edit Server which will generate the low quality versions of the Carts and download them to Remote Voice Tracking. Once Remote Voice Tracking has finished downloading them, it will load them in the Cart Players and the last few seconds of the previous Cart will start playing automatically.

	3 Remote Voice		ie - Hot FM					
6	12:00, 10 July 200						. 47.50	
30		Disconnect	<u> </u>		Refresh		5:17:52	
Goto	J. 12:31:45	Cart 3040	Dancing Queen Abba			3:43 F Intro 16	ades 🖸	Start
SegEdit	12:35:28	Cart 3043	Aln't Nobody			3:13 F	ades	4
			Chaka Khan			Intro 17		
Preview	Ø <mark>12:35:28</mark>	Cart 25	Short Sweeper			:2 Intro (	secs 🔇	
	12:38:42	Cart 3038	Wannabe The Spice Girls			2:44 E Intro (		
	12:41:26	Cart 3042	Billie Jean Michael Jackson			4:48 F Intro 28		
2	12:46:14	Cart 4	Purg FM			:6 F Intro (	ades secs	
	12:46:19	Cart 7	Purgatory FM			:5S Intro (	ustain secs	
	12:46:19	Cart 30	Purgatory FM			:2 Intro (	secs 🔇	V
	12:46:25	Cart 3010	Don't Stop Moving			3:48 E	nds 👩	
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	0	De-compress	ing Cart_93% I	See Dancing Queen	Abba	Aint Nobody, Chak	a Khan	
Made In GB			2 SegurFelle		3 Sage:			
			Empty		Emj	pty	Re	
								•

5. When you are ready to record your link, put the 'mic' fader up and start speaking. Myriad will automatically detect the incoming audio level and start recording in to a local audio file that will be uploaded to the Remote Edit Server once you have finished the Voice Track. If you have not configured Myriad to start from a 'trigger' audio level or you

wish to start recording manually, click on the Record button (which takes the place of the Voice Tracking button) or press either one of the <Space Bar> or <Ctrl>+<Space Bar> button options to manually start recording.

	3 Remote Voice		ie - Hot FM			
Eile Log View	<u>Loois Settings Bel</u> 12:00, 10 July 200					
30 )		Disconnect		Refresh	15:22:	49 🥩
Goto	J. 12:31:45	Cart 3040	Dancing Queen Abba		3:43 Fades Intro 16 secs	surt
SegEdit	JB <sup>12:35:28</sup>	Cart 3043	Aln't Nobody		3:13 Fades	
		HE	Chaka Khan		Intro 17 secs	
Preview	Ø <mark>12:35:28</mark>	Cart 25	Short Sweeper		: 2 Intro 0 secs	<
	12:38:42	Cart 3038	Wannabe The Spice Girls		2:44 Ends Intro 0 secs	
	12:41:26	Cart 3042	Billie Jean Michael Jackson		4:48 Fades Intro 28 secs	
Log	12:46:14	Cart 4	Purg FM		: 6 Fades Intro 0 secs	
	12:46:19	Cart 7	Purgatory FM		: 5 Sustain Intro 0 secs	
	12:46:19	Cart 30	Purgatory FM		: 2 Intro 0 secs	
	12:46:25	Cart 3010	Don't Stop Moving		3:48 Ends	
	Total Hour Durat	ion: 01:00:12				Urar
		s been nomin 7 of them!	ated for 18 Grammy Awards,	Dancing Quoch, Abba Vance   ink Liam Burke		
Made in GB -					Ain'i Nobody, Chaka Khan	Unco
1	Empty		Ain't N Seguration	03:131 18 3 Dancir.a		0:00:04 3:22:50 8063
						0

6. When you are ready to start the next Log Item playing, click on the Play

Next button or press the <Space Bar> or <Ctrl>+<Space Bar> keyboard options (or the Segue Step button on your Myriad keyboard).

	3 Remote Voice		ie - Hot FM			
0	12:00, 10 July 200	6: Main Daytime			15	:23:56 🥩
<u>@</u> )		Disconnec		Refresh		.20.00
Goto	12:31:45	Cart 3040	Dancing Queen Abba		3:43 Fa	des 🕤
SegEdit	48 12:35:28	Cart 3043	Aln't Nobody		3:13 Fa	des 🗸 🔺
()		HE	Chaka Khan		Intro 17	secs
Preview	Ø <mark>12:35:28</mark>	Cart 25	Short Sweeper		:2 Intro 0	secs 🗐 —
	12:38:42	Cart 3038	Wannabe The Spice Girls		2:44 Er Intro 0	secs 🚽
	12:41:26	Cart 3042	Billie Jean Michael Jackson		4:48 Fa Intro 28	secs 🕥 📱
Log	5 12:46:14	Cart 4	Purg FM		:6 Fa Intro 0	secs 🚽 —
	12:46:19	Cart 7	Purgatory FM		:5Su Intro 0	istain secs
	12:46:19	Cart 30	Purgatory FM		:2 Intro 0	secs 🤇 🛛
	12:46:25	Cart 3010	Don't Stop Moving		3:48 En	ids 👩
	Total Hour Durat	ion: 01:00:12				United
		is been nomin 7 of them!	ated for 18 Grammy Awards,	Dancing Queen, Abba		
Made In GB				Vorcie I nk Liam Burke	Aint Nebody, Chake	
	Empty		Ain't NSourcelle Sa Chaka Khan 1 3043	02:50	Empty	00:00:17 03:22:37 8064
		< ) ▲				0

7. When you have finished your Voice Track, click on the Stop button

or press the <Space Bar> or <Ctrl>+<Space Bar> options (or the Step Segue button).

8. You will then be asked to confirm whether you wish to save the recorded audio (and the Voice Track information) or whether you wish to discard it. Click on Yes to keep the Voice Track or No to discard it.

P Squa	ared Myriad Controls v3
?	Do you want to save the audio you have recorded into 8038?

Note that at this stage, Remote Voice Tracking has assigned a Cart Number for your Voice Track, once your Voice Track has been uploaded, Remote Edit Server will automatically place the recorded voice in to the assigned Cart Number. Should that Cart Number not be available for any reason, Remote Edit Server will automatically assign the Voice Track to another Cart Number in the same Voice Tracking range (as defined in the Station Database) and update the Schedule Log accordingly so the Voice Track plays out correctly).

9. Remote Voice Tracking will then compress the Voice Track (if the Remote Edit Server has been configured such that Voice Tracks are compressed) and then upload both the Voice Track and the additional timing information for the positioning of the Voice Track, to the Remote Edit Server which in turn will update the stations Myriad system.



10. That is it, you finished Voice Link has been uploaded to the station's Audio Wall and the relevant details have been added to the Schedule Log.



Note how the large green arrow on the Schedule Log shows the Log Items that are displayed in the Segue Editor.

This may seem a little complicated in the above example but that is because there are a number of different methods that you can use to step through the Remote Voice Tracking process. Let's look at the process again but this time we will just assume that we will just use the <SPACE BAR> to step through each part of the process.

Here we go!

Firstly, click on the SegEdit button to open the Full Segue Editor.

51	2:00	, 10 July 200	5: Main Daytime Disconnect	Kdresh	16:09:0
	5	12:46:25	Cart 3010	Don't Stop Moving	3:48 Ends 🥏
		12:50:12	Cart 3005	S Club 7 AM to PM	3:51 Ends
			HE	Christina Millan	Intro 36 secs
lew e	(f)	12:54:03	Cart 5	Welcome 2 Purg	: 6 Intro 0 secs 🕻
4	5	12:54:08	Cart 3022	Gotta Get Thru This Daniel Bedingfield	2:39 Intro 21 secs 🤇
	5	12:56:46	Cart 3087	Escape Enrique Englasias	3:27 Ends Intro 11 secs
		13:00	LIVE	Mon 10 July 2006, Main Daytime	1:01:36
e	67	13:00:00	Cart 13	Murderers	:15 Intro O secs
	8	13:00:15	Cart 3072	Insatlable Darren Hayes	4:10 Fades Intro 5 secs
		<b>13:04:24</b> I Hour Durati	Cart 15 on: 01:00:12	Purgatory Music	: 5 🤛
	Ð	This was	her first singl	Don't Stop Minving, S Club 7	
In G8					AM to PM, Chosina Milan

Ensure that the highlight is on the Log Item that you want to playing when you finish you link.

Now press the <Space Bar>



First, Remote Voice Tracking will check to see if there is a local copy of the Carts it needs to use (in this case Don't Stop Moving and AM to PM) in the local audio file cache. If low quality 'preview' versions of the Carts are present in the file cache then Remote Voice Tracking will use them, if not then it will download a low quality version of each Cart from Remote Edit Server.

Once it has downloaded (or loaded local copies of) the Carts it needs, Remote Voice Tracking will load the Carts in to the Cart Players and the end few seconds of 'Don't Stop Moving' start playing in one of the reserved Cart Players.

Let's assume that we have configured Remote Voice Tracking to record from a 'trigger' audio level when working with the Segue Editor. In this configuration, Remote Voice Tracking will automatically start recording as soon as the incoming audio level exceeds the defined 'trigger' level. The audio will be saved in to a local audio file and then uploaded to the Remote Edit Server when the recording is complete. It will display the end Cart on the Audio Wall that it intends to use on the Myriad system once it is uploaded but this is not 'written in stone' yet as when the file is uploaded to Remote Edit Server, it will check that the Cart is still available. If not then it will use another Cart and then update the log accordingly.

So to start recording our voice link, we put the 'mic' channel fader up (on our mixing desk) and start speaking.

Next we want to start the next Log Item playing. Once again, hit the <Space Bar> to start playback.



Only one more step to go! Currently, Remote Voice Tracking is still recording our voice and the next Log Item has been started. We can use the Cart Players to talk right up to the Intro End on the Song if we like but either way, as soon as we don't want to speak any more, press the <Space Bar> to halt playback and ask whether you wish to keep or discard the Voice Track.



You can click on the Yes button to keep the Voice Link or the No button to discard it but as a tip, because the Yes button has focus, you can also press the <Space Bar> to keep the link.

If you select Yes then Remote Voice Tracking will compress the Cart (if Remote Edit Server has told it that it should) and then upload the recorded Voice Track to the Remote Edit Server along with all of the Schedule Log timing information.

	12:00	, 10 July 200	5: Main Daytime	1	8:death 16:18:1
	_		Disconnect		Refush 10.10.1
oto	-13	12:46:25	Cart 3010	Don't Stop Moving S Club 7	3:48 Ends Intro 0 secs
Edit	•••	12:50:12	Cart 3005	AM to PM Christina Milian	3:51 Ends Intro 36 secs
	Î	12:54:03	Cart 5	Welcome 2 Purg	:6 Intro 0 secs
	-13	12:54:08	Cart 3022	Gotta Get Thru This Daniel Bedingfield	2:39 Intro 21 secs
	•••	12:56:46	Cart 3087	Escape Enrique Englasias	3:27 Ends Intro 11 secs
		13:00	LIVE	Mon 10 July 2006, Main Daytime	9 1:01:36
ľ	P	13:00:00	Cart 13	Murderers	:15 Intro 0 secs
	•	13:00:15	Cart 3072	Insatlable Darren Hayes	4:10 Fades Intro 5 secs
		13:04:24	Cart 15	Purgatory Music	: 5 🖬 🗸
	Tota	l Hour Durati	on: 01:00:12		Processing1 of
	0		Uploa	D Jing Cart48%	ont Stop Maving, S Club 7 Voice Link
e in GB	E	mpty		2 Souther Empty	AM to PM Christine Milen Empty

As you can see, the Voice Track has been added to the Schedule Log and the details are displayed in the Segue Editor.

		mote Voice Is Settings Tel	Tracking - kyl P	ie - Hot FM		
6	12:0	0, 10 July 200	6: Main Daytime Disconnect	Kidnish 16:1	9:31	3
Goto	69	13:04:24	Cart 30	Purgatory FM : 2 Intro 0 set	:5 🔿	<u>Rbart</u>
SegEdit		12:46:25	Cart 3010	Don't Stop Moving (3:47) 3:47 Ends 8 Club 7 Intro 0 set		
Preview	e	12:50:12	Cart 8067	Voice Link - ) :2		
	4		Cart 3005	AM to PM Christina Milian	:5 📢	
	(der	12:54:04	Cart 5	Welcome 2 Purg : 6 Intro 0 sec	:s 🔍	Ĩ
Dol 1	-13		Cart 3022	Gotta Get Thru This         2:39           Daniel Bedingfield         Intro 21 set		
	•••		Cart 3087	Escape 3:27 Ends Enrique Englasias Intro 11 sec	:s 🚺	
		13:00	LIVE	Mon 10 July 2006, Main Daytime 1:01:36		V
		13:00:00	Cart 13	Murderers :15	~	
	6		for this item)	Don't Stop Moving, S Club 7	Þ	Heat
				Voice Link Liam Burke		)
Nude in GB				AM to PM, Christina Mit	••• 😣	Tineta
	9 [	Empty		Empty Empty	Re	ady
						•

You can review the Voice Link by clicking on the Play button . The Link will be played in reserved Cart Players.

	12:00	, 10 July 2006	5: Main Daytime Disconnect	[	Refresh	16:20:	02
Goto	Ø	13:00:00	Cart 30	Purgatory FM		: 2 Intro 0 secs	
SegEdit	•••	12:46:25	Cart 3010	Don't Stop Moving S Club 7		( 3:47) 3:47 Ends Intro 0 secs	
Preview	E.	12:50:12	Cart 8067	Volce Link Liam Burke		⊢) :2 Intro 0 secs	
	-13	12:50:13	Cart 3005	AM to PM Christina Milian		Out a Finda	
	P	12:54:04	Cart 5	Welcome 2 Purg		: 6 Intro 0 secs	
	99	12:54:09	Cart 3022	Gotta Get Thru This Daniel Bedingfield		2:39 Intro 21 secs	•
	•••	12:56:47	Cart 3087	Escape Enrique Englasias		3:27 Ends Intro 11 secs	
		13:00	LIVE	Mon 10 July 2006, Main Dayt	ime	1:01:36	
	and shared at the second	13:00:00	Cart 13	Murderers		:15	
ļ	Tota	l Hour Durati	on: 01:00:13				
	0	(No notes	for this item)		Don't Stop Maying, S Club 7	(	
					Voice Link Liam Burke		
Nade in GB					and the second s	AM to PM, Christina Milian	8
AM to Christina 2005	a Mili	lan	03:51E <b>37</b>	<sup>7</sup> Voice\$xwc\$mx 10/07/2006 8057	2 5 Don't 2 2000 10 5 S Club 7	03:46 00:04 Ende	Ready

If we leave this link as it is, Myriad will play it back exactly the way we recorded it in Active Playout mode so if we had been singing along to the vocals, that is what will go out 'on air'. Myriad will even automatically 'duck' the volume of the two songs whilst the Voice Track is playing to allow the voice to 'travel' over the songs.

Alternatively, we can use the Segue Editing and fade 'envelope' editing techniques we discussed earlier to move any of the Log Items involved with our Voice Link around and change the fade points on the previous Log Item and Voice Link.



Using these techniques, you can tidy up any gaps in your voice link, fade out the previous song early and generally make it a s tight sounding as you like. When you have finished, click on the Save button to commit your changes to the Schedule Log, Remote Voice Tracking will then upload these changes to the Remote Edit Server which will update Myriad accordingly.

### **Trouble Shooting**

In this section we will cover some of the more common problems you may encounter.

#### Login Authentication Failed – You Don't Have The Correct Rights To Access The Myriad System

If you login to Remote Voice Tracking using a valid Myriad Username and Password but Remote Voice Tracking does not let you in and puts up the above message instead then that means that your have a valid Myriad Username but you do not have sufficient access rights to access Myriad remotely using Remote Voice Tracking.

Myria	d v3 Remote Voice Tracker 🛛 🔀
<u>.</u>	Login Authentication Failed! You don't have the correct rights to remotely access the Myriad system.

To fix this problem, at the station, run Myriad Manager and then click on the Contact / Users tab. Next find, the your Username and double click on it to view your User Details. Click on the Settings tab and make sure that the 'Use The Following Security Permissions Instead' option is ticked and then click on the Edit Permissions button (the one with a spanner on it).

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Ξ.	e Luq View Tublis Bettinus Hel					
	Find (Al Contacts)		© Contact			
	Al Larconno 		🛛 🖬 👌 🂼 🐿 🔊			
			General General	Lagin	Settings	
		2	Eec. rily Group: ATUse v		]	
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AL		8	$\Gamma^{ullet}$ Use the following Security Permissions	inslead	7	
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			<ul> <li>P Squared Directory v3 Permissions</li> <li>P Squared Myrind v3 Permissions</li> </ul>			
	Nane		Squared Styrind v3 Pemissions	J.C.		
_	l a (Fuke					
ſ.	Like Skymaker			Contact's Permissi	ons	K
	l∕ att	8			Perriasions:	
2	P Equared Ltc (+14)(0)1482 353700	<u>_</u>	Contend x Frederences	- 🧱 Dire Iray - 😹 Myriad v3	🚱 Cenera Permissions	
Contacts / Users	Developers of playou, logging, scheduling Richard Payno	Shared	Recet all of this Contact's I	Myled Yo	Can adithe main Myriad Setting? ⊡ Can adithe information ⊻rev≼	
ts J	PEcualec				Station Database Permissions Up call the elation Database's Sollings	
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Cor	teo:user				🔄 Can add the Echedules Log 🔄 Can encody add the Silveburg	
		1			Can import/export sections of the Scheduler Log	
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Finally, click on the Myriad v3 options (on the left hand side) on the Contact's Permissions window and tick the 'Can Remotely Edit The Schedule Log' option.

# Remote Voice Tracking Is Playing Or Recording Using The Wrong Sound Device

Unlike Myriad which allows you to specify what sound device to use for playback and recording, Remote Voice Tracking uses the default Windows sound devices for playback and recording.

The problem is that you may have more that one sound enabled device attached to your PC (especially if you have things like USB modems connected).

In order to alter the default Windows sound devices, click on the Start button and select Control Panel. Control Panel can be viewed in two different ways in Windows XP depending on how you have set up your PC.

Control Panel		
<u>File Edit View Favorites To</u>	ols <u>H</u> elp	A
🕝 Back 🔹 🕥 🍷 🏂 🔎 S	Search 🔀 Folders	
Address 🔂 Control Panel		💌 🔁 Go
Control Panel 🛞	Pick a category	
See Also	Appearance and Themes	Printers and Other Hardware
<ul> <li>Windows Update</li> <li>Help and Support</li> <li>Other Control Panel Options</li> </ul>	Network and Internet Connections	User Accounts
	Add or Remove Programs	Date, Time, Language, and Regional Options
	Sounds, Speech, and Audio Devices	Accessibility Options
	Performance and Maintenance	Security Center
		🛃 My Computer

### Category View



Classic View

If you are in Category View, click on 'Sounds, Speech, & Audio Devices' option, then the Sound & Audio Devices option which will open the Sound and Audio Devices Properties window.

If you are in classic view, double click on the Sounds and Audio Devices Option.

In both cases, the Sound and Audio Devices Properties window will open.

/olume	Sounds Audio Voice Hardware
Sound p	playback
O,	Default device:
~	Realtek AC97 Audio
	Volume Advanced
Sound r	ecording
R	Default device:
	Realtek AC97 Audio
	Volume Advanced
MIDI mu	usic playback
<b>1</b>	De <u>f</u> ault device:
	Microsoft GS Wavetable SW Synth
	Volume About
Use or	nly default devices

Switch to the Audio tab and then use the drop down list to select the Sound Playback and Sound Recording Default Devices.

# The Connection To The Remote Edit Server Failed – Connection Is Forcefully Rejected

If you get the message below when you attempt to connect a Remote Edit Server then is means one of two things.

Myriad	l v3 Remote Voice Tracker 🛛 🛛 🔀
	The connection to the Remote Myriad system failed!
	The problem was reported as "Connection is forcefully rejected"
	ОК
Myriad	l v3 Remote Voice Tracker 🔀
1	Unable to connect to the Remote Edit Server! Please check your settings.
	ОК

- 1. **The Remote Edit Server Is Not Running At The Station** The first thing to check is that Remote Edit Server is running on the appropriate PC at the radio station.
- 2. The Firewall (at either end) Is Blocking The Ports Remote Edit Server / Remote Voice Tracking Are Using To Communicate – The other reason for seeing this error on connection is if the firewall at either end is blocking the Data and Communication Ports that Remote Edit Server and Remote Voice Tracking are using to communicate. You need to ensure that both firewalls are configured correctly in order for this to work. Please refer to your firewall's documentation for more details as P Squared are not able to provide any technical assistance with the configuration of firewalls and other third party networking devices.