
ReservePro® Network with Microsoft® Terminal Server

Installation Instructions and Technical Details

February 2007

Installing ReservePro Network on Terminal Server

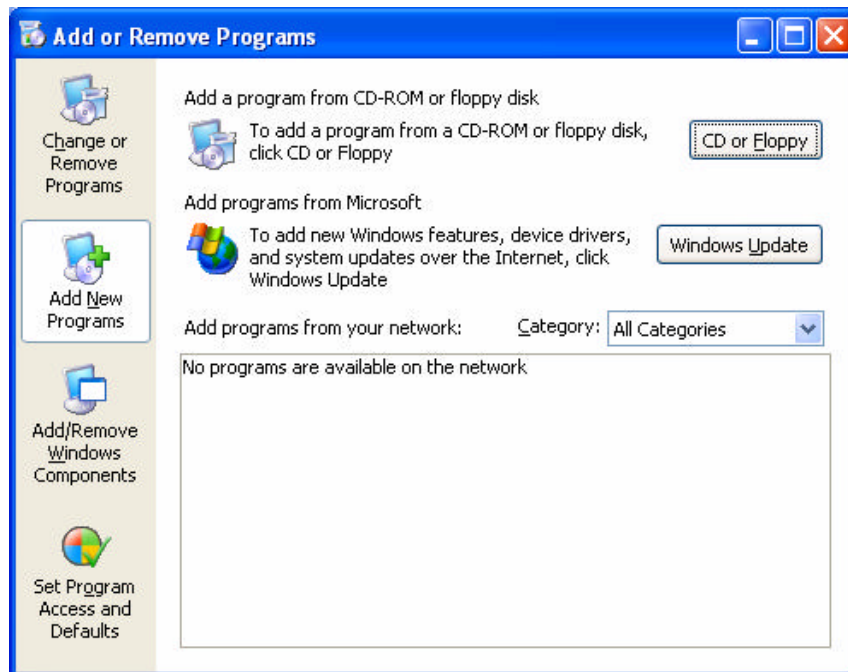
Table of Contents

Step 1 — Install the ReservePro Network Server Software	3
Step 2 — Configure ReservePro Workstation Software on the Terminal Server Computer	6
Step 3 — Configure the License Manager as a Network Service	7
Step 4 — Add New User Accounts on the Terminal Server Computer	9
Step 5 — Secure Access to the ReservePro Network Software	11
Step 6 — Configure Individual Users	12
Folders and Files Created by ReservePro.....	13

Installing ReservePro Network on Terminal Server

Step 1 — Install the ReservePro Network Server Software

1. Make sure Terminal Server is installed and running on the server. Be sure Terminal Server is able to act as an application server and has the necessary licensing software from Microsoft installed.
2. Next insert the ReservePro Network CD in the appropriate CD drive. (Note: The ReservePro CD is set up to auto-start; however, Terminal Server requires you to install the software through Add/Remove Programs.)
3. Select Start|Control Panel|Add or Remove Programs.
4. Click the Add New Programs icon.



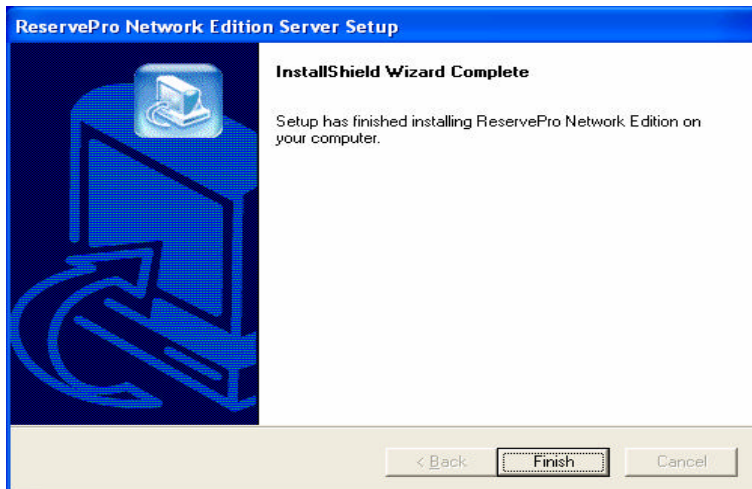
5. Click on the CD or Floppy button and then click the Next button.
6. Click on the Browse button and find the CD drive where the ReservePro Network CD is located.
7. Select the Startup.exe file on the CD (you may need to change “Files of type” to All Files) and click Open.
8. Click on the Finish button.

Installing ReservePro Network on Terminal Server

9. Select Install ReservePro.



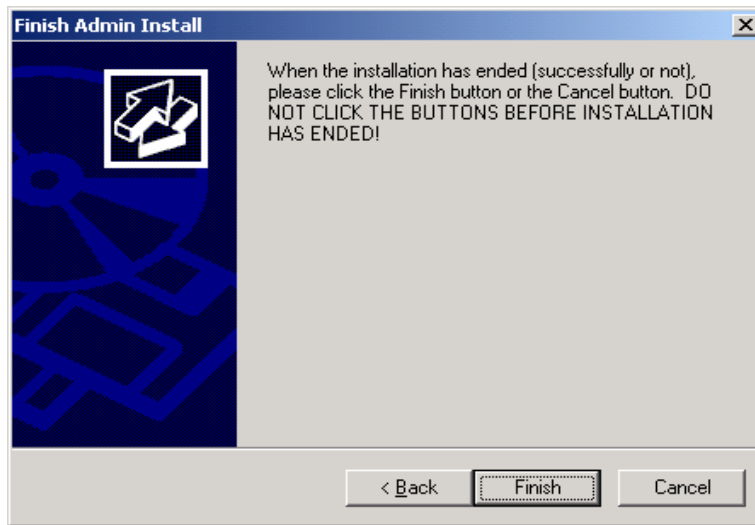
10. Follow the on-screen prompts to complete the ReservePro Network installation to the Terminal Server computer. You will need the serial number provided to you to complete the installation. You may want to change the default install from C:\Program Files\Milliman\ReservePro Network Edition to a drive of your preference. In any case, be sure to install the software as the name ReservePro to a local drive on the server so the server can see it all times. Installing to another network drive will be problematic when the Administrator is not logged on.
11. Once the ReservePro Network is installed, you will see the following message; select Finish.



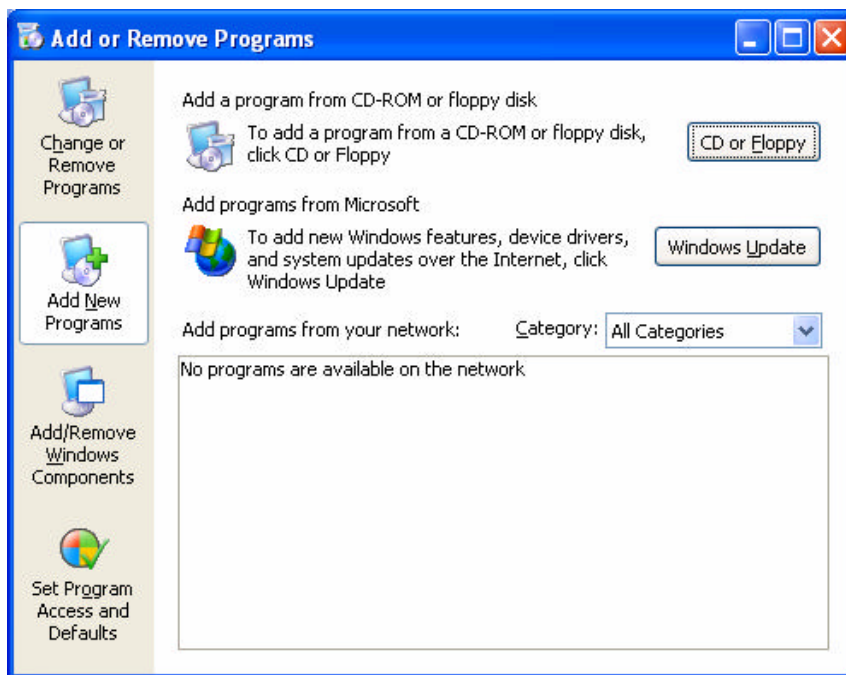
12. Click on Exit in the ReservePro Setup Screen.
13. Select the Next button.

Installing ReservePro Network on Terminal Server

14. Click the Finish button.



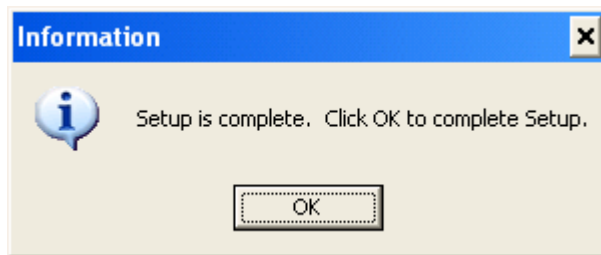
15. Finally, close the Add or Remove Programs dialogue box.



Installing ReservePro Network on Terminal Server

Step 2 — Configure ReservePro Workstation Software on the Terminal Server Computer

1. On the Terminal Server computer, select Start|Control Panel|Add or Remove Programs.
2. Select the Add New Programs icon.
3. Click on the CD or Floppy button and then click the Next button.
4. Browse to the \Program Files\Milliman\ReservePro Network Edition folder (found on the drive on which ReservePro was installed in item 10 above). Select the Setup.exe file and click on the Open button.
5. Click on the Next button and follow the on-screen prompts for the ReservePro Workstation Setup. You may want to change the default install from C:\Program Files\Milliman\ReservePro Workstation to a drive of your preference.
6. After the ReservePro Workstation Setup is complete, the following message will appear.



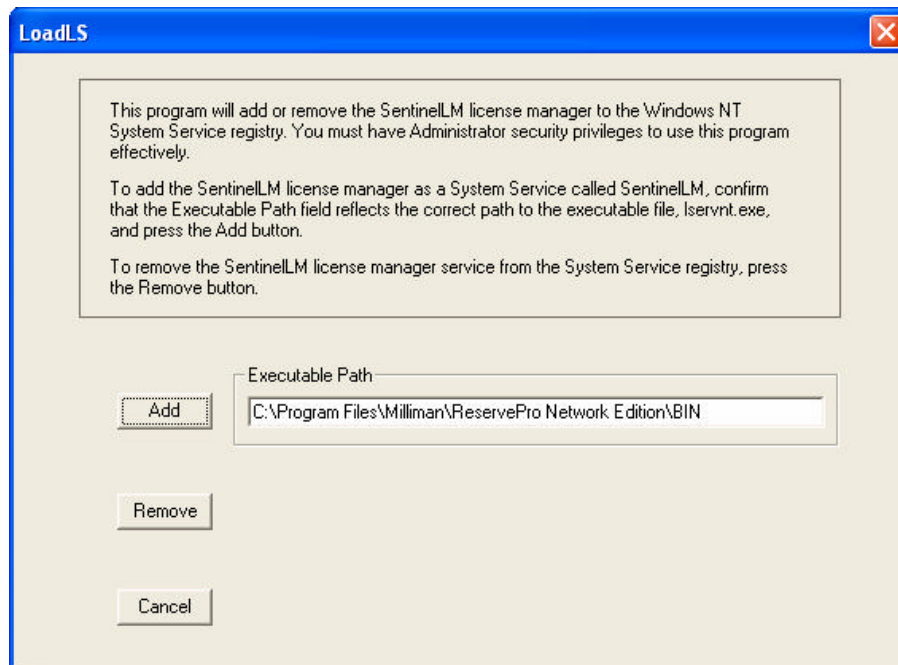
7. Click OK.
8. Close the ReservePro Workstation window.
9. Click on the Next button.
10. Select Finish.
11. Finally, close the Add or Remove Programs dialogue box.

Installing ReservePro Network on Terminal Server

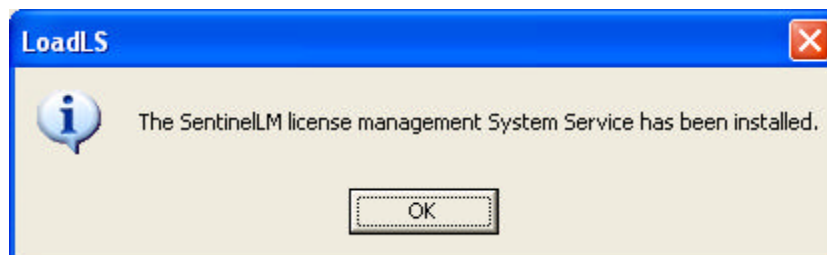
Step 3 — Configure the License Manager as a Network Service

After installing ReservePro Network on the Terminal Server computer:

1. Navigate to the \Program Files\Milliman\ReservePro Network Edition\BIN directory and locate the LOADLS.EXE file. Double-click on LOADLS.EXE.
2. Accept the defaults and select the Add button to record the network license manager with the system registry.



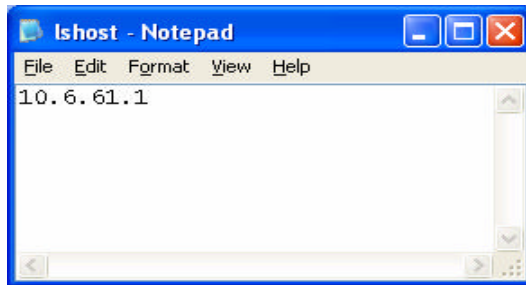
3. Once you see the confirmation that the service has been installed, click OK.



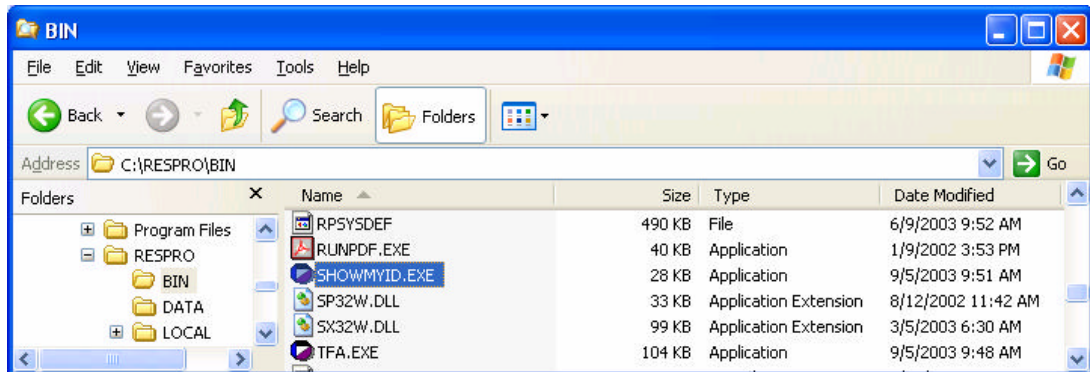
4. Within the \Program Files\Milliman\ReservePro Network Edition\BIN directory, open the LSHOST file using Notepad.

Installing ReservePro Network on Terminal Server

5. Edit the LSHOST file so that it contains the *static* IP address of the server (you will need to replace the example IP address currently defaulted into the file).



6. To find the IP address of the server machine, run the ReservePro command SHOWMYID.EXE (found in the \Program Files\Milliman\ReservePro Network Edition\BIN directory or under Start|All Programs|ReservePro Workstation|Show My ID).



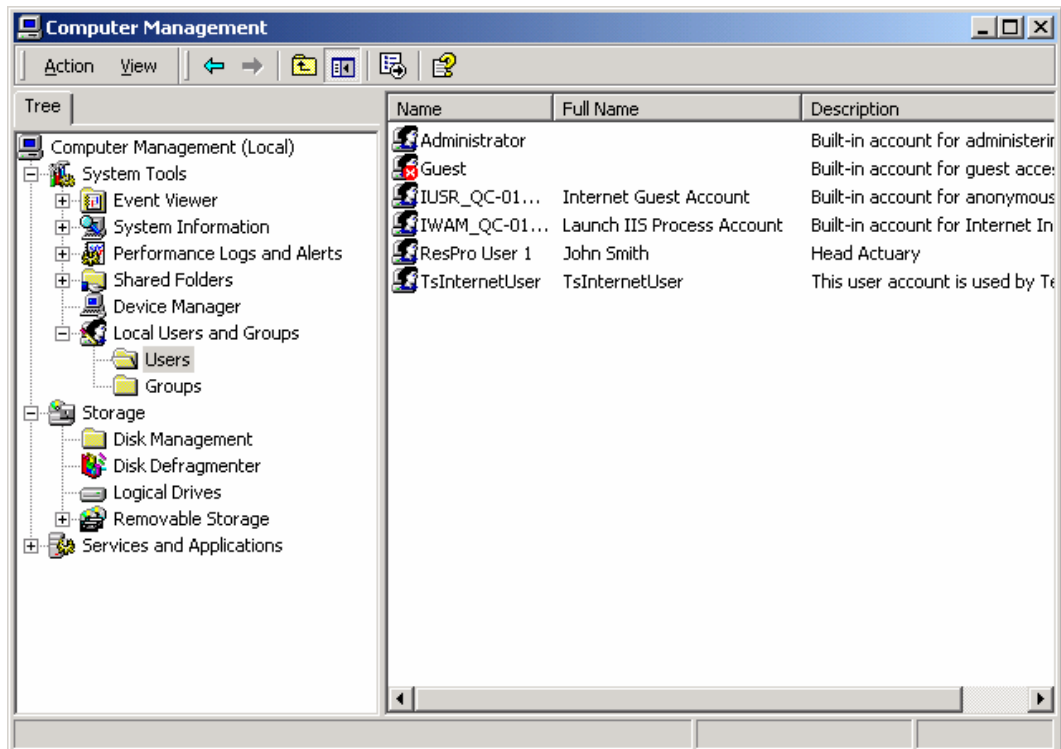
7. If the IP address of the server machine changes, then the LSHOST file must be altered each time the server gets a new IP address, so a static IP address is preferable.
8. Once you have determined the IP address of the server machine and edited the IP address in the LSHOST file, save the LSHOST file and close it.
9. You are now finished. The ReservePro Network Server has been configured to constantly run on this machine as a Windows service.

Installing ReservePro Network on Terminal Server

Step 4 — Add New User Accounts on the Terminal Server Computer

Once the ReservePro server software has been installed to the Terminal Server computer, you need to add new Users for each person who will use ReservePro on Terminal Server.

1. Select Start|All Programs|Administrative Tools|Computer Management.
2. Select Local Users and Groups.
3. Select the Users folder.



Installing ReservePro Network on Terminal Server

4. Select Action|New User and follow the procedure for adding a new user.

New User

User name: ResPro User 2

Full name: Amy Johnson

Description: Reserving Actuary

Password: ●●●●●●

Confirm password: ●●●●●●

User must change password at next logon

User cannot change password

Password never expires

Account is disabled

Create Close

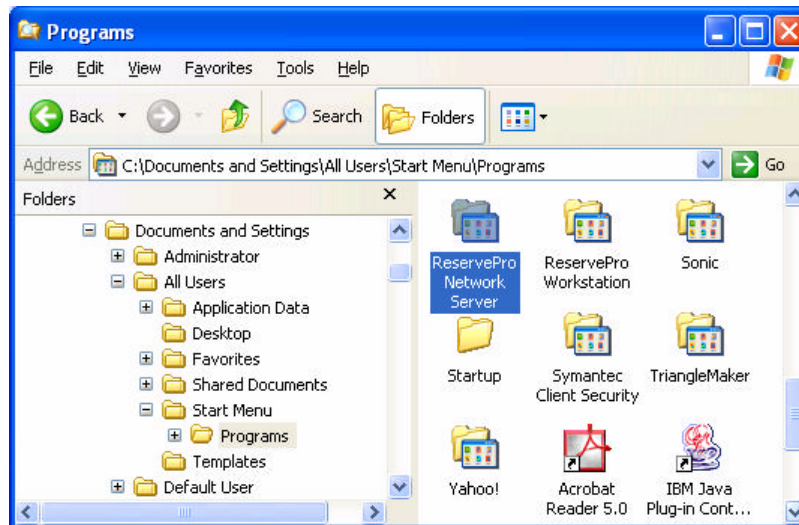
5. Repeat Step 4 for each new user.

Installing ReservePro Network on Terminal Server

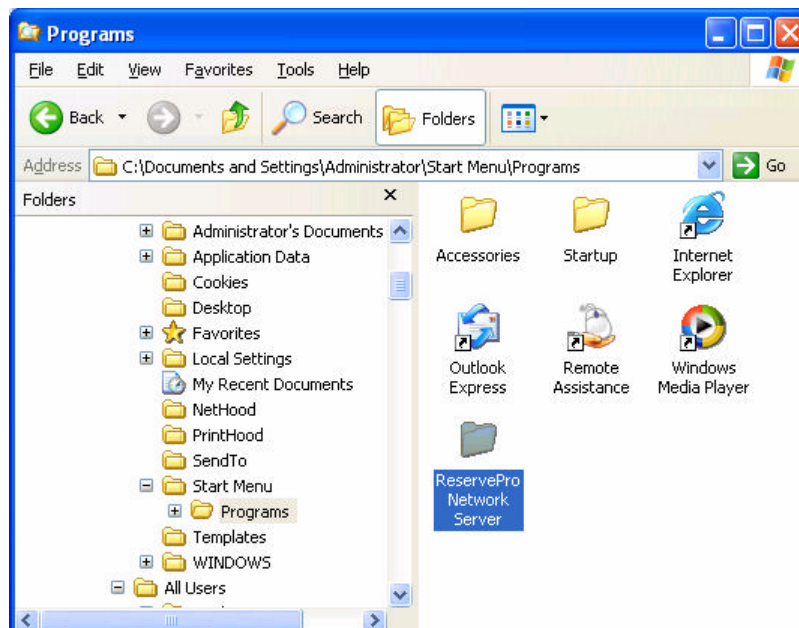
Step 5 — Secure Access to the ReservePro Network Software

Please do the following so that only the Administrator will have access to the ReservePro Server tools.

1. Go to Windows Explorer on the Terminal Server computer.
2. Locate Documents and Settings\All Users\Start Menu\Programs.
3. Cut the ReservePro Network Server folder.



4. Locate Documents and Settings\Administrator\Start Menu\Programs.
5. Paste the ReservePro Network Server folder into this directory.



Installing ReservePro Network on Terminal Server

Step 6 — Configure Individual Users

After you install ReservePro, user folders for ReservePro will be created by Terminal Server for each user when they log in to Terminal Server the first time. Each user must have a virtual windows directory. If one does not already exist, ReservePro will create a virtual windows directory for each user by first referencing the ROOTDRIVE environment variable or, if ROOTDRIVE is not set, by referencing the HOMEDRIVE and HOMEPATH environment variables. Please be sure to set the ROOTDRIVE (or HOMEDRIVE and HOMEPATH) environment variable before allowing the users to log in to ReservePro on the Terminal Server machine so that ReservePro will know where to look for and, if necessary, place the individual user files.

On the Terminal Server client computers:

Follow the instructions provided by Microsoft to install and configure the Terminal Server Client software on the client machines to allow the client machines to connect to the Terminal Server computer.

1. Connect to the Terminal Server computer.
2. Finally, from the Terminal Services Client window, select Start|All Programs|ReserveProWorkstation|ReservePro to run the software.

Installing ReservePro Network on Terminal Server

Folders and Files Created by ReservePro

ReservePro creates several folders and files on a Terminal Server machine during installation and also when a user runs ReservePro for the first time. Several of these files are created first during the installation and then are replicated to each user's folder when the user first runs ReservePro.

The following is a partial list of folders and files created on the Terminal Server computer during ReservePro Network installation. (Note: Paths stated below assume default locations were accepted during installation. These defaults are typically based on environment variables in the user's configuration, as noted in Step 6.)

- INI file: C:\WINDOWS\ResPro4.ini
This file is created in the system windows directory and contains two entries to identify the location of the two folders below.
- Working directory: C:\Program Files\Milliman\ReservePro Workstation
User specific files such as stats.def, interpolatestats.def, fonts.def, layout.def, titles.def, pagesetup.def.
These files are not actually used from this location, but are copied from here to the user directories as noted below.
- System directory: C:\Program Files\Milliman\ReservePro Network Edition\BIN
Files such as respro.exe, rpkernel.dll, respro.chm.
The system actually runs from this directory.

The following user-specific folders and files are copied to and/or created on the Terminal Server computer for individual users the first time each user runs ReservePro, as noted in Step 6 in the prior section of this document. (Note: Paths stated below assume default virtual user directory location. The paths may vary based on the locations you defined in Step 6.)

- INI file: C:\Documents and Settings*username*\WINDOWS\Respro4.ini
This file contains an entry to identify the location of each of the following folders.
- Working directory: C:\Documents and Settings*username*\RESERVEPRO NETWORK
User specific files such as stats.def, interpolatestats.def, fonts.def, layout.def, titles.def, pagesetup.def, display.def, selectns.def, exstats.def
- Files path: C:\Documents and Settings*username*\RESERVEPRO NETWORK\Data
Default space for data files; two files are placed there at installation: sample.rp4 and sampleinterim.rp4.