Installing Landlords Property Manager - Network Version

Thank you for purchasing our **Landlords Property Manager** software.

Please follow the steps below to install the software on your computer network. The process below will show you how to install the software on both your server (main computer) and how to install it on your client (additional) computers.

As part of the network, the client computers will be able to access and share the Landlords Property Manager database that is stored on the server. Yes, that's right multiple users will be able to access and update the software at the same time (if any of the multi-user versions have been purchased).

Please follow the instructions below, but if you have any questions whatsoever please create a support ticket by emailing us on: support@propertyportfoliosoftware.co.uk.

Installing the software on a server (main computer)

| Step 1 | Download Network version of the software

You can download the latest version of the software via the following links (please choose the software product that you have purchased):

Landlords Property Manager Professional:
http://www.propertyportfoliosoftware.co.uk/getlpmp

Landlords Property Manager Regular:
http://www.propertyportfoliosoftware.co.uk/getlpmr |
|---|---|
| Step 2 | Choose the computer that will be your 'server' (i.e. main computer) and install the software on this computer.

Please note:

When prompted during the installation process install the software by selecting "Server" from the installer options. This installation mode will download the latest version of MS SQL Server 2005 Express from Microsoft's site, and install it. MS SQL Server 2005 is required to allow the software run on a network and provide you with the best and most robust networking capabilities.

This normally takes several minutes – so please be patient.

Landlords Property Manager NT 2009 Setup

Select Installation Type
Determines if the database server will be installed on this computer

⦿ Server

This option will install both Landlords Property Manager and Microsoft SQL Server 2005 Express (if it has not already been installed on this system). Please make sure you are running this installation with a Windows administrator account.

○ Client

This option will install Landlords Property Manager only. You will be prompted for database connection credentials when you start the program for the first time.

Landlords Property Manager NT Professional 2009

[< Back] [Next >] [Cancel] |
| Step 3 | Automatic Start of the Software |

	After a successful installation, the software should start without asking for any login credentials - it will use the default settings.

The software has now been installed on your server and we will now install the software on any client (additional computers) that will access this server.

Installing the software on a client

Step 1	Install the software on any client (additional) computers.
	Please note:
	When prompted during the installation process install the software by selecting "Client" from the installer options. You must select the 'client' option as this will allow you to access the same database and data that has been installed on your server.
	This installation mode will not install a database server on your computer and normally takes less than a minute to complete.
	![Landlords Property Manager NT 2009 Setup — Select Installation Type dialog showing Server and Client options, with Client selected] **Landlords Property Manager NT 2009 Setup** **Select Installation Type** Determines if the database server will be installed on this computer ○ Server This option will install both Landlords Property Manager and Microsoft SQL Server 2005 Express (if it has not already been installed on this system). Please make sure you are running this installation with a Windows administrator account. ⦿ Client This option will install Landlords Property Manager only. You will be prompted for database connection credentials when you start the program for the first time. Landlords Property Manager NT Professional 2009 < Back Next > Cancel
Step 2	**Configuring the Client Computers to Access the Server**
	After a successful installation, the software will start and display a window where you will be prompted to enter server name or IP address, and a password.
	IP Address
	This is the IP address of the computer running the MS SQL Server (the computer on which you installed the 'server' version of the software). To find out the IP address of the server computer, start LPM on the main computer (server) and go to Preferences → Database Connection Settings.
	Local IP address – use this IP address if your 'client' computer resides within the same home/office (LAN) network as the server.

	Global IP address – use this IP address if you want to connect to the server over the Internet (i.e. when the server resides in a remote network).
	Server name
	Please start LPM on the main computer (server), go to Preferences → Database Connection Settings and see the Computer name value.
	On the client computer enter the server's computer name or server's local IP address (if within a LAN) or global IP address (for Internet connections) in the Server Name field.
	Password
	This is the password for access to the MS SQL Server. The password is pre-filled with the following default value:
	sax12345x
	It is strongly recommended that you change the default MS SQL Server password.
	To change the MS SQL Server password, please start LPM on the main computer (server), go to Preferences → Database Connection Settings and click on the Change Password link – you will be prompted to enter the current password and a new password.
	Once the server name or IP address and password have been entered you will be connected to the server and be able to access/modify the same database.

Technical Notes

Firewall settings

You may need to modify the firewall settings on the server in order to allow incoming connections to the database server.

If there is a personal firewall on the server (like Windows Firewall), you must add a couple of program exceptions thus allowing incoming requests to be processed by the database server. The two programs that need to be added as exceptions are:

C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Binn\sqlservr.exe
C:\Program Files\Microsoft SQL Server\90\Shared\sqlbrowser.exe

(The paths may slightly differ, i.e. if C: is not the system drive, or if there has already been installed a MS SQL Server into another location.)

If you need to allow remote connections to your database server coming from outside your home/office (LAN) network, then please make sure that the following ports are also open for incoming remote connections:

TCP 1433
UDP 1434

You must enable these ports in both the server's firewall (e.g. Windows Firewall) and in your router's firewall (if any). If the server is behind a dedicated computer serving as a firewall, please enable these ports in that firewall too.

On the client computer hit "Connect". If the server name and password are correct, and if the firewall (if any) has been properly configured, you will be connected to the database server installed on the server.

When the client version of the software restarts, the connection will be established using the last used login credentials and should happen automatically.

Please read the following section if you intend to connect remotely from computers outside the local area network within which the database server resides.

Router Settings / Port Forwarding

If there is a border networking device (e.g. a router, a firewall or a gateway machine for the local area network) that distributes Internet access from the cloud to the local computers and back, this device or computer needs to be able to forward incoming requests to the database server behind it, if looking from the Internet towards the local network.

This feature is usually called port forwarding or redirection, and its purpose is to let the device on the border allow connections from outside networks to reach a specific machine in the local network, in this case the database server. This will make the private database server publicly visible over the Internet, and ultimately allow connections from your remote location to your databases.

You have to use the web based interface of the router (or whatever networking device this is) and set port forwarding from the Internet to the IP address of your database server for the following ports:

TCP 1433
UDP 1434
If your equipment does not specify TCP or UDP protocols, selecting any or both should be sufficient to allow TCP and UDP connections. As for the IP address of the database server, this could be a static or a dynamically assigned IP address in the local network address space.

If there is an option to set a networking server in the local area network accessible from the Internet, use it to assign the IP address and the above TCP/IP ports to forward to it. Some routers allow both dynamic address allocation for the LAN (Local Area Network) using DHCP (Dynamic Host Configuration Protocol) and static assignment for a specific networked computer based on the MAC address. The MAC address is a hexadecimal identifier (6 double digit hexadecimal numbers similar to 1A:2B:3C:4D:5E:6F) that specifies a network interface card, and is unique to a network device. This identifier can be used to assign a static IP address to the computer running the database server, ensuring its address does not change and the port forwarding rules do not need modification.

This setup depends on the capabilities of the router device. Some old and very generic routers may even lack this functionality, others usually offer a very detailed and broad range of options to choose from in this area. You may have to consult the documentation of your network gateway device (or broadband router) if you have trouble configuring this type of incoming connections from the Internet to a computer in the LAN.

Some devices call it port forwarding, others use the DMZ (De-Militarized Zone) acronym to identify a device that is visible from the Internet inwards. It may be under NAT or PNAT options (Network Address Translation and Port-forwarding NAT).

Reinstalling the software on a server

If you need to reinstall only the software on the server, you can choose the "Client" option. This will reinstall the software but will not reinstall the database server (your data will remain intact during the reinstallation).

Alternatively, if you need to reinstall both the software and the database server, then please choose again the "Server" option. Please note that in this case the database will be reset and your data will be lost. You may use the "Back up Database" option from the File menu prior to reinstalling the software and the database server.

Troubleshooting

If an already configured installation of Landlords Property Manager fails to connect to the database server at start-up, you will be presented with a dialog box that lets you update the connection details if necessary.

If your LPM installation is configured to use a locally installed database server this could mean that the database service is not running. Please restart the computer and try again. If this does not resolve the issue, please contact our technical support staff.

If your LPM installation is configured to connect to a remote database server, there are several possible reasons why the database connection fails:

- The computer which is running the database server is not turned on - please contact the user running the server and ask them to turn the computer on;
- You are connecting using an IP address (either local or global) but the IP address of the server has changed - please contact the user running the server and obtain the new connection details;
- You are connecting using a computer name but the computer name has changed - please contact the user running the server and obtain the new connection details;
- The database password has changed – please check if any of the other users sharing the same database has changed the database password and obtain the latest password;
- The server is behind a firewall or a router that is not properly configured - please contact the user running the server or your system administrator and ask them to update the firewall and router configuration (please refer to the **Firewall settings** section for further details).

If you have any questions then please ensure that you have a valid support contract and then email:
support@propertyportfoliosoftware.co.uk.