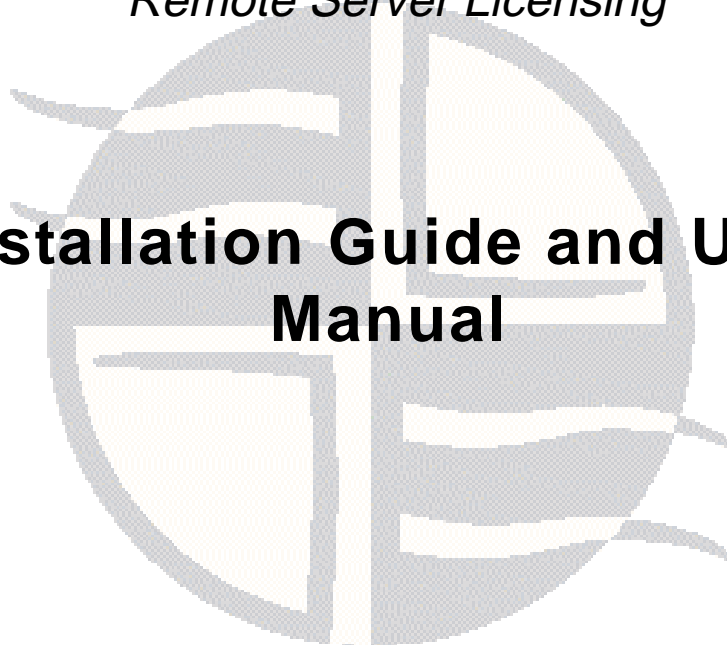





Easysoft Data Access

Remote Server Licensing

Installation Guide and User Manual





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REMOTE LICENSING

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A guide to Easysoft Remote Server Licensing

The Easysoft License Server is a standalone Windows program which enables a user to license an Easysoft product on multiple machines with a single license key.

NB The Easysoft License Server requires the Windows Services facility and therefore will NOT run on Windows 9x platforms.

Chapter Guide

- [Introduction](#)
- [Configuring the license server machine](#)
- [Configuring a product machine](#)

REMOTE LICENSING

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Introduction

The Easysoft License Manager obtains a license for each machine on which an Easysoft software program is installed, granting a specific number of concurrent connections, one of which is allocated each time that component is utilised.

Therefore, if a five-connection license is purchased then five individual connections can be made concurrently before a licensing error message is reported and the next user prevented from using the software.

NB Licenses are based on connections, not users. It is possible for a user to make multiple connections.

The Easysoft License Server is a standalone piece of software which can be installed on any machine that is available via a network to all the relevant target machines on which licenses are required.

It enables a user to license multiple machines (which otherwise would require multiple authorization codes) by linking remotely to the Easysoft License Server.

Rather than obtaining a license with an authorisation key for each machine using the Easysoft License Manager, the user is required to click the **Remote License** button and enter the DNS name (or IP address) and port number of the license server machine.

For added security and reliability of access, the Easysoft License Server may be installed on more than one machine. This provides a backup in the event of a crash on the primary machine by allowing a user to amend the DNS field to that of the alternative machine.

NB Installing the Easysoft License Server on a backup license server machine would require a second Easysoft license.

Configuring the license server machine

OBTAINING AN EASYSOFT PRODUCT

1. Download the Easysoft product software if you have not already done so.
2. Obtain your authorization code by purchasing the software from Easysoft's web site (<http://www.easysoft.com>) or by contacting the Sales Department on +44 (0) 1937 860 000.

Your authorization code(s) will be emailed to you.

3. Install the Easysoft product software on the license server machine.
This will install the Easysoft License Manager, update the required registry settings and automatically start the Easysoft License Manager to allow you to obtain your remote product license.

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OBTAINING A REMOTE LICENSE

1. Fill in the **Name**, **E-Mail Address**, **Company**, **Telephone** and **Facsimile** fields in the **Contact Information** screen of the Easysoft License Manager:

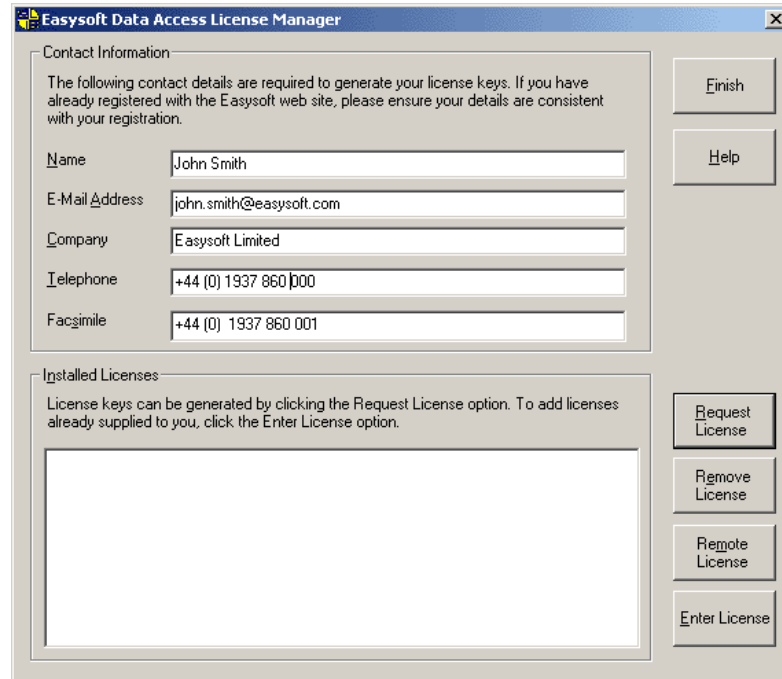


Figure 1: Entering Contact Information into the License Manager

2. Click **Request License**.

The **License Type** dialog box is displayed:



Figure 2: The License Type screen in the License Manager

3. Choose **Non-expiring License** and then click **Next**.

The **Authorization Code** dialog box is displayed:



Figure 3: The Authorization Code screen in the License Manager

4. Enter your authorization code and then click **Next**.

The **Your Details** dialog box is displayed:



Figure 4: The Details screen in the License Manager

5. Choose **Online Request**.

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A message displays the number of added licenses:



Figure 5: The License Added screen in the License Manager

6. Click **OK**.

The **Contact Information** screen of the Easysoft License Manager displays details of the remote license you have just obtained.

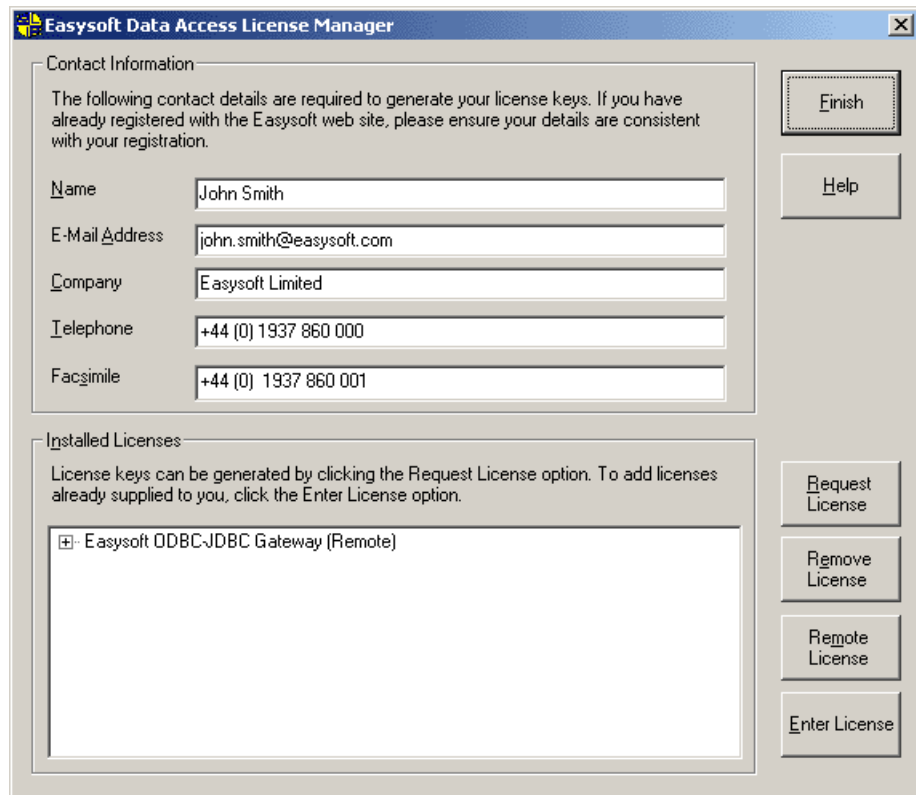
A screenshot of the "Easysoft Data Access Licence Manager" application window. The window has a blue title bar and a close button (X) in the top right corner. The main content area is divided into two sections. The top section is titled "Contact Information" and contains a paragraph of text: "The following contact details are required to generate your license keys. If you have already registered with the Easysoft web site, please ensure your details are consistent with your registration." Below this text are five text input fields: "Name" (containing "John Smith"), "E-Mail Address" (containing "john.smith@easysoft.com"), "Company" (containing "Easysoft Limited"), "Telephone" (containing "+44 (0) 1937 860 000"), and "Facsimile" (containing "+44 (0) 1937 860 001"). To the right of these fields are two buttons: "Finish" and "Help". The bottom section is titled "Installed Licenses" and contains a paragraph of text: "License keys can be generated by clicking the Request License option. To add licenses already supplied to you, click the Enter License option." Below this text is a list box containing one item: "Easysoft ODBC-JDBC Gateway (Remote)". To the right of the list box are four buttons: "Request License", "Remove License", "Remote License", and "Enter License".

Figure 6: Remote License information displayed in the License Manager

A valid remote license has now been obtained.

NB If another remote license is obtained, which has a different number of valid license slots, then it will be necessary to stop and restart the Easysoft License Server Windows Service in order for the amended functionality to be registered on the license server machine.

Next, it is necessary to obtain and install the Easysoft License Server on this machine.

OBTAINING THE EASYSOFT LICENSE SERVER

1. Download the Easysoft License Server from the Easysoft FTP site, which is available 24 hours a day at <ftp://ftp.easysoft.com>.
2. Change to the `pub/license_server` directory and then select `EasysoftLicenseServer.exe`.
3. Click the **Save** button on the **File Download** dialog box and choose a directory in which to store the program file.

INSTALLING THE EASYSOFT LICENSE SERVER

1. Click on the `EasysoftLicenseServer` file.

Caution!

Please shut down other Windows programs before installing. In particular, if Microsoft Outlook is running there can be a pause of up to several minutes when InstallShield is started.

There will be a short delay while setup prepares the wizard to guide you through the rest of the install procedure.

The Easysoft License Server **Welcome** dialog box is then displayed:

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Figure 7: The Easysoft License Server Welcome dialog box

2. Click **Next**.

The **Choose Destination Location** dialog box is displayed:

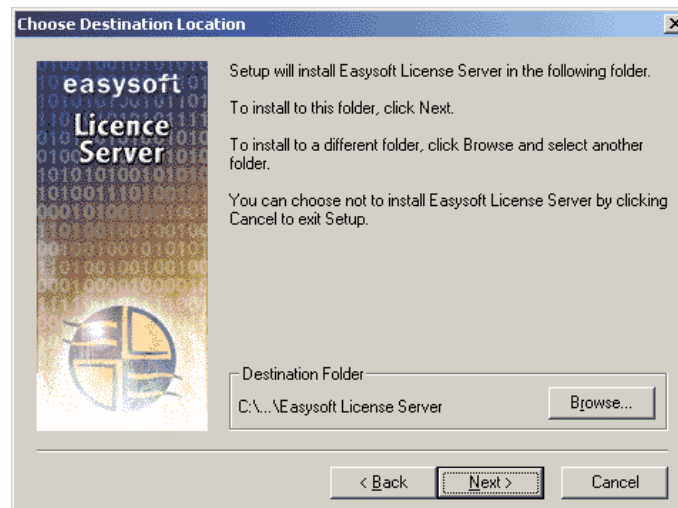


Figure 8: The Choose Destination Location dialog box

3. Click **Next**.

The **Select Program Folder** dialog box is displayed:

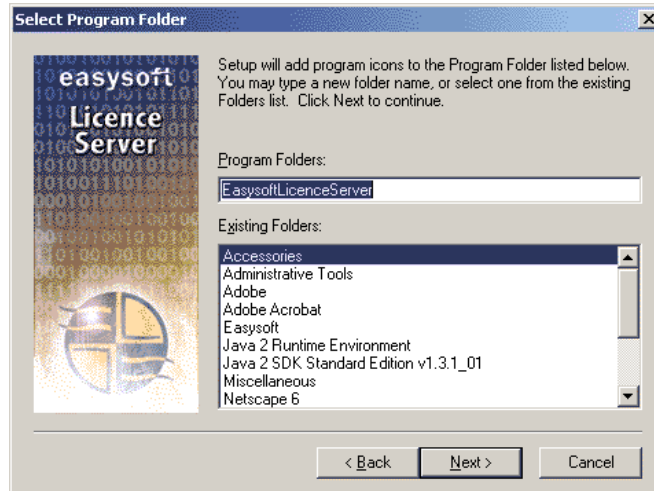


Figure 9: The Select Program Folder dialog box

4. Click **Next**.

The **Setup Complete** dialog box is displayed:

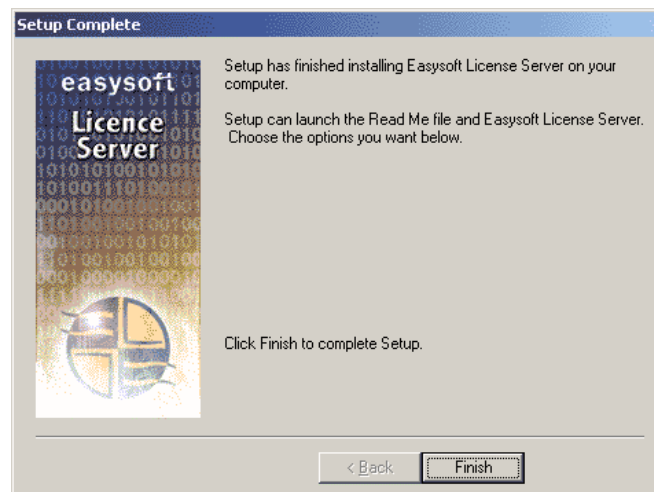


Figure 10: The Setup Complete dialog box

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5. Click **Finish**.

The installation is now complete and a Windows Service is started up for the Easysoft License Server:

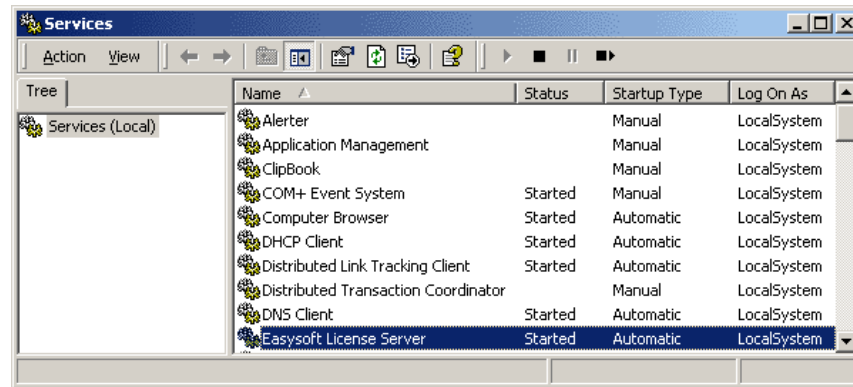


Figure 11: The Services dialog box

UNINSTALLING THE EASYSOFT LICENSE SERVER

This section explains how to remove the Easysoft License Server from your system.

1. Select **Start > Settings > Control Panel**, then double-click the **Add/Remove Programs** icon.

You are then presented with a list of applications that can be automatically removed.

2. Select **Easysoft License Server** and click the **Add/Remove** button.
3. Click **Yes** to confirm that you wish to remove the Easysoft License Server and all its components.

The system begins to remove all the components.

If shared components seem not to be required, you will be prompted to decide whether or not to delete them.

Under Windows, install/uninstall procedures incorporate a mechanism in the registry to determine whether or not shared files are still required by other programs.

NB Sometimes this database can become out-of-date, for instance if the user deleted an application directly, without using **Add/Remove Programs**, or if the registry was 'repaired' after a system crash.

4. If you feel confident with the registry (i.e. your system has had relatively few programs installed and removed) you should click the **Yes** or **Yes to All** button to continue.

– OR –

If you have any doubts (e.g. uninstall procedures have failed in the past) you should click the **No** or **No to All** buttons.

The uninstall process removes the Easysoft License Server components from your system.

NB If files have been created in any of the installation directories then these directories will not be removed. In this case, the uninstall program will issue a warning and you can click **Details** to find out what directories remain.

5. On completion, click **OK** to go back to the Control Panel **Install/Uninstall** window.

6. The uninstall process is complete.

Any licenses you obtained for the Easysoft License Server and other Easysoft products are held in the Windows registry.

When you uninstall, your licenses are not removed so you do not need to relicense the product if you reinstall or upgrade.

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Configuring a product machine

Once the license server has been configured, it can be used to license multiple product machines without the need for multiple Easysoft authorization codes.

Caution! The instructions in this section must be followed for each target machine.

1. Install your Easysoft product.

This will also automatically install and start the Easysoft License Manager at the end of the product install.

Click the **Remote License** button from within the Easysoft License Manager.

The screenshot shows the 'Easysoft Data Access License Manager' window. It has a title bar with the text 'Easysoft Data Access License Manager' and a close button. The window is divided into two main sections. The top section is titled 'Contact Information' and contains a text area with the instruction: 'The following contact details are required to generate your license keys. If you have already registered with the Easysoft web site, please ensure your details are consistent with your registration.' Below this are five text input fields: 'Name' (John Smith), 'E-Mail Address' (john.smith@easysoft.com), 'Company' (Easysoft Limited), 'Telephone' (+44 (0) 1937 860 000), and 'Facsimile' (+44 (0) 1937 860 001). The bottom section is titled 'Installed Licenses' and contains a text area with the instruction: 'License keys can be generated by clicking the Request License option. To add licenses already supplied to you, click the Enter License option.' Below this is a list box containing one item: 'Easysoft ODBC-JDBC Gateway'. On the right side of the window, there are six buttons: 'Finish', 'Help', 'Request License', 'Remove License', 'Remote License', and 'Enter License'.

Figure 12: Remote Licensing via the License Manager

Note that the contact information on this screen are irrelevant, because licensing takes place on the license server, rather than on individual product machines.

Clicking the **Remote License** button will prompt the user to enter:

- the DNS name (or IP address) of the license server machine
- the port number by which each product machine is to access the license server machine (the connection is always made via port number 9901)

When entering the **Remote Server Name**, the machine name only should be adequate in order to identify the remote server:

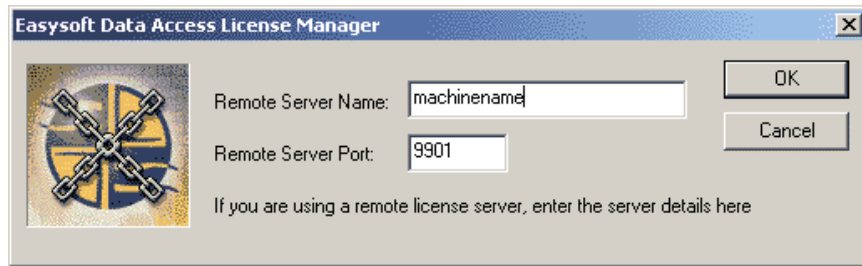


Figure 13: Entering Remote Server Name machine detail only

However, if the domain name of the remote server must be specified if it differs from that of the product machine:

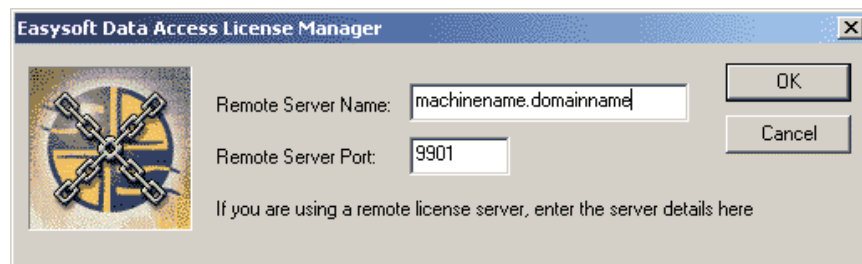


Figure 14: Entering Remote Server Name machine and domain details

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The details that are required for the product machine to access the license server machine have now been written to the Windows registry:

```
Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Easysoft\LicenceServer]
"Server"="machinename"
"Port"="9901"
```

Figure 15: Easysoft License Server Registry settings

These settings can also be updated without using the License Manager if an Administrator distributes a `.reg` file to all the users of product machines.

This file may then be double-clicked in order to update the Windows Registry directly (assuming the user has Local Administrator privileges).

NB The Easysoft License Manager can also be run manually by selecting **Start->Programs->Easysoft->Easysoft Data Access Licensing** from the Start menu.