Isograph
Software Products

Installation and Licensing Guide

Isograph
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Please Read This First
Welcome to the Isograph Installation Guide. Please take the time to read this guide carefully, this will ensure a smooth installation process.

This Installation Guide describes the steps required to install Isograph software products and their associated features. Please consult the topics in the order described below for each installation scenario.

If you have purchased a copy of an Isograph software product (or are evaluating an Isograph software product) you will receive an Entitlement Certificate by e-mail containing your Activation ID. Depending on the license type you have requested, this Activation ID will either activate a standalone Isograph software product license or activate a ‘floating’ license on a license server. The ‘floating’ license option allows one or more users (depending on how many copies you have purchased) on one or more client machines to obtain an an Isograph software product license from the license server.

The Activation ID is entered in either the Isograph software product program itself (for a standalone license) or in the License Server Activation program (for a license server license). The license is activated by connecting via the Internet to the Isograph License Activation Service. If an Internet connection is not available the license is activated by sending a request file to Isograph by e-mail and then processing a response file received by a return e-mail.

The license information is held on the local file system of the standalone or license server machine. The location where this is held is called Trusted Storage. This term is not normally of interest to the user, but you may see it displayed in status information.

The Isograph software product may also be licensed using a hardware key if required.

The most common installation scenarios are summarized below:

Installing an Isograph software product with a Standalone License

- Read the System Requirements topic to check your machine is suitable for installing the Isograph software product.
- Read the Installing an Isograph Software Product topic for instructions on installing the Isograph Software Product Feature.
- If you have purchased an Isograph software product read the Activating a Standalone License topic for instructions on how to activate the software using your Activation ID. Otherwise the software will run in Demonstration Mode.

Installing an Isograph Software Product with a Hardware Key

- Read the System Requirements topic to check your machine is suitable for installing an Isograph software product.
- Read the Installing an Isograph Software Product topic for instructions on installing the Isograph Software Product Feature.
- Read the Installing a Hardware Key topic for instructions on how to install the Aladdin HASP device driver and activate the software using the Hardware Key. Otherwise the software will run in Demonstration Mode.

Installing an Isograph Software Product with the License Obtained from a License Server

Note that you will only need to install the FLEXnet License Server Feature if you have purchased an Isograph software product.

- Read the System Requirements topic to check your machine is suitable for installing an Isograph software product.
- Read the Installing an Isograph Software Product topic for instructions on installing the FLEXnet License Server Feature.
- Read the Installing an Isograph Software Product topic for instructions on installing the Isograph Software Product Feature on the client machines.
- Read the Activating a License Server License topic for instructions on activating the license server.
- Read the Installing the FLEXnet lmadmin License Manager topic for instructions on installing the FLEXnet lmadmin license manager and configuring Reliability Workbench clients to connect to the license server.
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Modifying the Isograph Software Product Installed Features

- Read the Modifying the Isograph Software Product Installation topic for instructions on adding and removing an Isograph software product features.

Uninstalling an Isograph Software Product

- Read the Uninstalling an Isograph Software Product topic for instructions on un-installing an Isograph software product.

Re-hosting a License

- Read the Re-hosting a License topic for instructions on returning a license to the Isograph License Activation Service and then activating the license on a new machine.
**System Requirements**

When you install the program you will choose to install either the **Isograph Software Product Feature** and/or the **FLEXnet License Server Feature**. The **Isograph Software Product Feature** comprises the Isograph software product program files, example projects and libraries, and reports. The **FLEXnet License Server Feature** comprises the License Manager and License Server Activation program files.

Check that you have satisfied the following software and hardware requirements before installing each feature.

**Isograph Software Product Feature**

**Software**

- Windows XP SP3 (all versions except media center), Windows Vista (all versions), Windows 7 (all versions), Windows 8 (all versions except RT), Windows Server 2003, Windows Server 2008 and Windows Server 2012. Note that if the .NET Framework version 4.0 (Full) and Windows Installer 3.1 are not installed you will be prompted to install them. It is recommended to update to the latest service packs on all operating systems before installing.

**Hardware**

- All operating systems

  Minimum: 1 GHz (x86 processor) or 1.4 GHz (x64 processor), 512 MB memory and 5 GB free disk space (see below).

  Recommended: 2 GHz or faster, 2 GB memory and 5 GB free disk space (see below).

The **FLEXnet License Server Feature** occupies a maximum of 14 MB of disk space excluding the installation of the .NET Framework version 4.0 and Windows Installer version 3.1 and lmadmin.

The above disk space requirements do not take into account the disk space required to store projects and reports (a typical large Reliability Workbench project will occupy 50 MB of disk space and a 20 page graph report will occupy 3.5 MB).

**FLEXnet License Server Feature**

**Software**

- Windows XP SP3 (all versions except media center), Windows Vista (all versions), Windows 7 (all versions), Windows 8 (all versions except RT), Windows Server 2003, Windows Server 2008 and Windows Server 2012. Note that if the .NET Framework version 4.0 (Full) and Windows Installer 3.1 are not installed you will be prompted to install them. It is recommended to update to the latest service packs on all operating systems before installing.

**Hardware**

- All operating systems

  Minimum: 1 GHz (x86 processor) or 1.4 GHz (x64 processor), 512 MB memory and 4 GB free disk space.

  Recommended: 2 GHz or faster, 2 GB memory and 4 GB free disk space.

The FLEXnet License Server feature occupies a maximum of 14 MB of disk space excluding the installation of the .NET Framework version 4.0 and Windows Installer version 3.1 and lmadmin.

**Notes:**

- **.NET Framework Version 4.0 and Windows Installer 3.1 Installation**

  The Reliability Workbench CD includes both the .NET Framework version 4.0 (Full) and the Windows Installer 3.1.
If you download Reliability Workbench from the Isograph web site then the Windows Installer 3.1 will be downloaded from the Microsoft web site as part of the installation process.

- **Isograph License Activation Service**

  The **Isograph License Activation Service** allows users to activate and return their licenses automatically over the Internet. To use this service you should have port 80 open in your firewall.
Installing the Isograph Software Product

Before you install any of the program features ensure you close all other open programs and are logged on as a member of the local Administrator group or the Domain Administrator group.

You start the installation from the Isograph software product CD or a Web download and then proceed to Installing the Isograph Software Product Feature or Installing the FLEXnet License Server Feature.

Starting the Installation from CD

1. Insert the Isograph software product CD in your CD-ROM (or DVD-ROM) drive. If Autorun is enabled on your system the installation starts automatically and you can skip steps 2 and 3.

2. Select Run from the taskbar Start menu (or All Programs-Accessories-Run from the taskbar Start menu if using Vista).

3. Type D:\setup.exe (substitute the appropriate drive letter of your CD-ROM drive for D). Select OK to start the installation.

Starting the Installation from a Web Download

1. When downloading from the Isograph web site you will prompted whether to Run the setup.exe program or Save it to file. Select Save to save the file to a location on your computer.

   Select the downloaded setup.exe file, click the right mouse button to display the associated popup menu, and then select the Open menu option to start the installation.

Installing the Isograph Software Product Feature

1. If Windows Installer version 3.0 is not installed it will now be installed automatically. You need take no action.

2. If the .NET Framework version 2.0 is already installed proceed to Step 7.

3. The Security Warning dialog is displayed asking if you wish to install and run dotnetfx.exe from Microsoft. Select Yes to proceed.

4. The Preparing to Install page is displayed followed by the Welcome to the .NET Framework 2.0 Setup page. Select Next to proceed.

5. The End-User License Agreement page is displayed. Select the I accept the terms of the License Agreement check box and then select Install to proceed with the installation.

6. The Installing Components page is displayed. When the installation is complete the Setup Completed page is displayed. Select Finish to proceed to the Isograph software product installation.

7. The Welcome page is displayed. Select Next to proceed.

8. The License Agreement page is displayed. Select I accept the terms in the license agreement before selecting Next to proceed.

9. The Customer Information page is displayed. Enter your User Name and Organization.

10. Select the appropriate Install this application for option. If you select Anyone who uses this computer then the Isograph software product shortcuts will be available for all users, if you select Only for me then the Isograph software product program shortcuts are only available for the user installing the program. Select Next to proceed.

11. The Destination Folder page is displayed. By default the Isograph software product files are installed in <Program Files>\Isograph\<Product Name>\<Product Version>. Note that he <Program Files> folder name varies according to the current operating system locale.

   To modify the Destination Folder select Choose to display the Change Current Destination Folder dialog. Navigate to the required folder and select OK to choose it. You may also create new folders using this dialog if required.

   Select Next to proceed.

12. The Setup Type page is displayed. Select the Standard radio button before selecting Next to proceed.
13. The **Ready to Install the Program** page is displayed. Select **Install** to start the installation process.

14. The **InstallShield Wizard Completed** page is displayed. Select **Finish** to complete the installation. If any operating system files require replacement you will be prompted whether you wish to restart the system.

**Installing the FLEXnet License Server Feature**

1. Repeat steps 1 to 11 from **Installing the Isograph Software Product Feature** above.

2. The **Setup Type** page is displayed. Select the **Custom** radio button before selecting **Next** to proceed.

3. The **Custom Setup** page is displayed. Select the `<Product Name>` option in the feature list and select **This feature will not be available** from the drop down list. Select the **FLEXnet License Server** option in the feature list and then select **This feature will be installed on local hard drive**. Now select **Next** to proceed. Care should be taken that a feature already installed is not inadvertently de-selected at this point.

4. The **Ready to Install the Program** page is displayed. Select **Install** to start the installation process.

5. The **InstallShield Wizard Completed** page is displayed. Select **Finish** to complete the installation. If any operating system files require replacement you will be prompted whether you wish to restart the system.

**Installation on Demand**

The instructions above describe how to install the Isograph software product on the local hard drive. Using the Advertisement functionality of Windows Installer it is possible to advertise the program shortcuts associated with an the Isograph software product feature without installing the program files.

To **Advertise** an Isograph software product feature:

1. Repeat steps 1 to 11 from **Installing the Isograph Software Product Feature** above.

2. The **Setup Type** page is displayed. Select the **Custom** radio button before selecting **Next** to proceed.

3. The **Custom Setup** page is displayed. Select the required options in the feature list and select **This feature will be installed when required** (or **This feature will not be available** if appropriate).

4. Now select **Next** to proceed.

5. The **Ready to Install the Program** page is displayed. Select **Install** to start the installation process.

6. The **InstallShield Wizard Completed** page is displayed. Select **Finish** to complete the installation. If any operating system files require replacement you will be prompted whether you wish to restart the system.

The program features selected above will be installed the first time a user selects an associated shortcut. Note that if you have installed from CD then the CD should be inserted in the CD-ROM (or DVD-ROM) drive at this time. If the CD is not available you will be prompted to supply a path to the installation source. If the Isograph software product is installed from a web download then the installation source is cached on the machine.

The user must also be logged on as a member of the local Administrator group or the Domain Administrator group at the time of first use.

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**See Also**

- Requirements
- Modifying the Isograph Software Product Installation
- Un-installing the Isograph software product
- Activating a Standalone License
- Activating a License Server License
- Starting the License Server
Modifying the Isograph Software Product Installation
The addition and removal of features from the Isograph software product installation must be performed using the Add or Remove Programs tool. This is accessed from the Control Panel. Please note that removal of all the features is not equivalent to uninstalling the program. The installation is still present on the machine even with all the features removed.

1. Select the Start-Control Panel menu option to display the Control Panel dialog.
2. Select the Add or Remove Programs icon to display the Add or Remove Programs dialog.
3. Select <Product Name> from the list of currently installed programs. Select Change to proceed with modifying the installation.
4. The installation Welcome page is displayed. Select Next to proceed.
5. The Program Maintenance page is displayed. Select the Modify radio button and Next to proceed.
6. The Custom Setup page is displayed. Select the feature you wish to remove or install from the feature list. From the drop down list then displayed select either the This feature will not be available (to remove a feature) or the This feature will be installed on local hard drive (to install a feature) option as required. Select Next to proceed. Care should be taken that a feature you wish to remain installed is not inadvertently deselected at this point.
7. The Ready to Modify Program page is displayed. Select Install to start the installation modification process.
8. The InstallShield Wizard Completed page is displayed. Select Finish to complete the installation. If necessary you will be prompted whether you wish to restart the system.

See Also
Installing the Isograph software product
Un-installing the Isograph software product
Uninstalling the Isograph Software Product
The uninstall of the Isograph software product installation must be performed using the Add or Remove Programs tool. This is accessed from the Control Panel.

1. Select the Start-Control Panel menu option to display the Control Panel dialog.
2. Select the Add or Remove Programs icon to display the Add or Remove Programs dialog.
3. Select <Product Name> from the list of currently installed programs. Select Remove to proceed with the uninstall.
4. You will be prompted whether you are sure you want to remove the Isograph software product from your computer. Select Yes to proceed.
5. The uninstall will now be performed.

See Also
Installing the Isograph Software Product
Modifying the Isograph Software Product Installation
Activating a Standalone License

This topic is only relevant if you have purchased a copy of an Isograph software product or are evaluating an Isograph software product.

You will receive an Entitlement Certificate by e-mail containing your Activation ID. This Activation ID is used to activate the license on the machine where an Isograph software product is installed.

You should follow the steps outlined in Displaying the Application License Activation Dialog and then proceed to either:

- **Activation Using the Internet** if you have access to the Internet. Note that activation over the Internet to the Isograph License Activation Service requires port 80 to be open in your firewall.
- **Activation Using Request and Response Files** if you do not have access to the Internet but can transfer files to and from your system.
- **Activation Using Short Codes** if you have no Internet access and cannot transfer files to and from your system.

Displaying the Application License Activation Dialog

1. Start the Isograph software product program. If the License Type has not previously been selected (or is currently set to Demonstration version) the Demonstration Mode dialog will be displayed. Select License to proceed. Alternatively if the License Type has already been selected (i.e. is not Demonstration version), select the Tools-License Configuration menu option from the Isograph software product main window to proceed.

2. The License Configuration dialog is displayed. From the License type drop down list select the Standalone option.

3. Select Activate to display the Application License Activation dialog.

Activation Using the Internet

1. Select the Web tab from the Activate License tab.

2. Enter the Activation ID you received by e-mail in the Activation ID text box.

3. Select Activate to connect to the Isograph License Activation Service and automatically activate the license. The status of the activation process will be displayed in the lower status area.

4. A successful activation is confirmed by the message Response processed successfully. Actions were: Create <FulfillmentID>. Failure is indicated by an appropriate error message.

5. Select Close to dismiss the Application License Activation dialog.

6. Select OK to dismiss the License Configuration dialog. You will be prompted to exit and restart the program. This step must be performed to remove the current license restrictions.

Activation Using Request and Response Files

1. Select the File tab from the Activate License tab.

2. Enter the Activation ID you received by e-mail in the Activation ID text box.

3. Select Browse for the Request File path and select a location (typically My Documents) for the requestXML.xml file. Select Generate to create the file.

4. Send this file by e-mail to license@isograph.com (USA and Canada) or licence@isograph.com (Europe and Rest of the world).

5. You will receive a file responseXML.xml by return e-mail. Save this file to a location on your file system.


7. Successful activation is confirmed by the message Response processed successfully. Actions were: Create <FulfillmentID>.

8. Select Close to dismiss the Application License Activation dialog.
9. Select OK to dismiss the License Configuration dialog. You will be prompted to exit and restart the program. This step must be performed to remove the current license restrictions.

**Activation Using Short Codes**

1. Save the ASR file you received by e-mail to your file system. Please keep this file permanently in case you wish to re-host the license at some point in the future.

2. Select the Short Code tab from the Activate License tab.

3. Select Browse for the ASR File path and select the ASR file received in step 1 above.

4. Select Generate to generate the Short Code in the Short code text box.

5. Send this Short Code by e-mail to license@isograph.com (USA and Canada) or licence@isograph.com (Europe and Rest of the world).

6. You will receive a Response Code by return e-mail. Copy this code to the Response code text box.

7. Select Process to activate the license. The status of the activation process will be displayed in the lower status area.

8. Select Close to dismiss the Application License Activation dialog.

9. Select OK to dismiss the License Configuration dialog. You will be prompted to exit and restart the program. This step must be performed to remove the current license restrictions.

**Checking the License Status**

After activating the license you may now check the status of your license by selecting the Status tab. The Status tab will show the following key information for each installed license: the Isograph software product modules you have licensed, the license Expiry Date, the Activation ID and the Fulfillment ID. All these values are fixed for an individual license, apart from the Fulfillment ID. The Fulfillment ID is updated if a license is returned to the Isograph License Activation Service and then activated again.

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**See Also**

- Installing an Isograph Software Product
- Re-hosting a License
Activating a License Server License

This topic is only relevant if you have purchased a copy of an Isograph software product.

You will receive an Entitlement Certificate by e-mail containing your Activation ID. This Activation ID is used to activate the license on the machine where the FLEXnet License Server Feature is installed.

Follow the steps outlined in either Activation Using the Internet or Activation Using Request and Response Files depending on whether you have Internet access or not. Note that activation over the Internet to the Isograph License Activation Service requires port 80 to be open in your firewall.

Activation Using the Internet

1. Select the taskbar Start-Programs->Product Name->License Server Activation menu option to display the License Server Activation program.
2. Select the Web tab from the Activate License tab.
3. Enter the Activation ID you received by e-mail in the Activation ID text box.
4. Enter the number of copies you have purchased in the Number of Copies text box. Partial fulfillments are not allowed.
5. Select Activate to connect to the Isograph License Activation Service and automatically activate the license. The status of the activation process will be displayed in the lower status area.
6. A successful activation is confirmed by the message Response processed successfully. Actions were: Create <FulfillmentID>. Failure is indicated by an appropriate error message.

Activation Using Request and Response Files

1. Select the taskbar Start-Programs->Product Name->License Server Activation menu option to display the License Server Activation program.
2. Select the File tab from the Activate License tab.
3. Enter the number of copies you have purchased in the Number of Copies text box. Partial fulfillments are not allowed.
4. Enter the Activation ID you received by e-mail in the Activation ID text box.
5. Select Browse for the Request File path and select a location (typically My Documents) for the requestXML.xml file. Select Generate to create the file.
6. Send this file by e-mail to license@isograph.com (USA and Canada) or licence@isograph.com (Europe and Rest of the world).
7. You will receive a file responseXML.xml by return e-mail. Save this file to a location on your file system.
9. Successful activation is confirmed by the message Response processed successfully. Actions were: Create <FulfillmentID>.

Checking the License Status

After activating the license you may now check the status of your license by selecting the Status tab. The Status tab will show the following key information for each installed license: the Isograph software product modules you have licensed, the license Expiry Date, the Activation ID, the Fulfillment ID and the Hybrid count. All these values are fixed for an individual license, apart from the Fulfillment ID. The Fulfillment ID is updated if a license is returned to the Isograph License Activation Service and then activated again. The Hybrid count is set to the number of copies activated. The name Hybrid relates to the fact that these copies can either be used as concurrent (also known as floating) licenses or borrowed to (activated on) client machines.

See Also

Installing an Isograph Software Product
Starting the License Server
Re-hosting a License
Installing the FLEXnet lmadmin License Manager

This topic is only relevant if you have purchased an Isograph Software Product.

Background

Previous versions of Isograph's software products used the Flexera LMTools and lmgrd software components to host the Isograph license service used to control the checkout and check-in of floating licenses. Flexera Software have now announced that both LMTools and lmgrd are at end-of-life (see http://www.flexerasoftware.com/support/eol/flexnet-publisher-end-of-life.htm). The supported tool for hosting a license service is now lmadmin.

You should follow the steps outlined in Installing lmadmin to install the FLEXnet lmadmin license manager and then proceed to Configuring Isograph Software Product Clients to Connect to the License Server.

To configure the license server ports and options follow the steps outlined in Modifying the License Server Default Port Number and/or Using an Options File.

Installing lmadmin

If you have a software product CD then the lmadmin installation (lmadmin-i86_n3-11_11_1_1.exe) is contained in the LicenseServerInstallation\lmadmin sub-directory on the CD.

If you have downloaded our installation from the Web then this file is available for download on the Isograph customer area (http://www.isograph-software.com/login.php).

Before installing lmadmin the license should be activated in the standard manner using the License Server Activation program (as described in the installation manual).

Please note that, unlike previous versions of FLEXnet licensing used by Isograph software programs, the trusted.lic file contains no license information.

The basic installation steps are outlined below. If you require a more advanced installation consult the FLEXnet License Administration Guide which is installed when the FLEXnet License Server feature is installed. The installation steps are as follows:

1. Ensure that you have the Java run-time installed – at least version 1.5 is required. It can be downloaded from http://www.java.com/en/download/index.jsp.

2. Ensure that you are logged on with an account with local administrative privileges.

3. Run the lmadmin-i86_n3-11_11_1_1.exe program.

4. At the Introduction page select Next.

5. At the Choose Install Folder page accept the default and select Next.

6. At the Import Files page clear the Previous installation path text box and select Next. You will configure the vendor daemon manually in the lmadmin administrative web application.

7. At the Pre-Installation Summary page select Install to start the installation.

8. At the Important Information page select the Install Visual C++ 2005 SP1 Redistributable Package check box. Select Next to start the installation of this package. Follow the prompts.

9. Accept the license agreement by selecting Yes and the package will be installed.

10. At the Launch Configuration page leave all the settings at the defaults unless the ports overlap with ports already in use. Select Next.

11. At the Service Configuration page select the Run as service check box and then select Next.

12. At the Start the Server page select the Start server now check box and then select Next.

13. This action will display the FLEXnet License Administrator application in your default web browser.

14. Select the Administration button, you will be prompted to log-in.

15. Enter admin and admin as the user name and password respectively and then select Submit.

16. You will be prompted to enter a new password. Complete the form and select Submit.
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17. Select Vendor Daemon Configuration and then select Import License.

18. At the Import License File page select the Overwrite the License File on the License Server check box and then select Browse to display the Choose File to Upload dialog.

19. Browse the file system to locate the trusted.lic file (usually in C:\Program Files\Isograph\<Product>\<Version>), select Open to select this file.

20. Select Import License to import the license. A page will be displayed containing a list of errors, select OK to dismiss.

21. At the Vendor Daemons page select the ISOGRAPH vendor daemon to administer it.

22. At the Vendor Daemon:ISOGRAPH page enter the Vendor Daemon Location (usually C:\Program Files\Isograph\<Product>\<Version>\isograph.exe e.g. C:\Program Files\Isograph\<Product Name>\<Product Version>\isograph.exe) and select Save.

23. Select Start to start the license server, you will be returned to the Vendor Daemons page.

24. The ISOGRAPH vendor daemon status will be shown as RUNNING_PENDING – you will have to refresh the browser window to see the updated status.

25. If the status is shown as RUNNING the license server is ready for use.

26. Select Dashboard to display the license server status. Select ISOGRAPH from the vendor daemon list and then select Select. Select Concurrent to display the status of the ISOGRAPH vendor daemon licenses.

The process of installing Imadmin is now complete. The FLEXnet License Administrator application is accessed by typing the address http://localhost:8080 (or http://<hostname>:8080) in your web browser.

The default port for clients to connect to the vendor daemon is 27000. Note that unlike Imgrd hosted services the client can use either the port allocated on the Server Configuration page or the port allocated on the Vendor Daemon:ISOGRAPH page.

Configuring Isograph Software Product Clients to Connect to the License Server

1. Start the Isograph Software Product program. If the License Type has not previously been selected (or is currently set to Demonstration version) the Demonstration Mode dialog will be displayed. Select License to proceed. Alternatively if the License Type has already been selected (i.e. is not Demonstration version), select the Tools-License Configuration menu option from the Isograph Software Product main window.

2. The License Configuration dialog is displayed. From the License type drop down list select the Server option.

3. Enter the host name or IP address of the license server in the Host name or IP address text box.

4. If you are not using the default Imadmin port de-select the Use default port check box. Enter the appropriate port number in the Port number check box.

5. Select OK to save the new license configuration. You will be reminded to exit and restart the program if you wish to use these new settings.

6. Restart the Isograph Software Product. If the license server has more than one Isograph Software Product feature licensed then the License Check-Out dialog will be displayed. You should select the required module check box and then select OK to check out the corresponding licenses.

Modifying the License Server Default Port Number

1. Start the FLEXnet License Administrator application by typing the address http://localhost:8080 (or http://<hostname>:8080) in your web browser.

2. Select Administration (you will be prompted to log-in) and then select Server Configuration to display the Server Configuration page.

3. Select License Server Configuration and then select the Use this Port radio button. Enter the required port number in the associated text box and then select Save to update the configuration.

4. To implement the new port setting it is necessary to restart the Imadmin service using the Services dialog (access via Start-Control Panel-Administrative Tools).
5. The next step is to modify the Isograph Software Product clients to reference this new port number. Start the Isograph Software Product program on each of the clients using this license server.

6. Select the **Tools-License Configuration** menu option from the Isograph Software Product main window to display the **License Configuration** dialog.

7. De-select the **Use default port** check box. Enter 10001 (in this example) in the **Port number** check box.

8. Select **OK** to save the new license configuration. You will be reminded to exit and restart the program to use these new settings.

9. Restart the Isograph Software Product.

### Using an Options File

1. Using **Windows Explorer** navigate to the `C:\Program Files\FLEXnet Publisher License Server Manager\licenses\ISOGRAPH` directory.

2. Using **Notepad** create a file `ISOGRAPH.opt` in this directory. A full description of all the options available for configuring the license server are contained in the **FLEXnet License Administration Guide**. The example below illustrates how to exclude the Administrator user from accessing the Reliability Workbench RBD feature. Enter the following text in the `ISOGRAPH.opt` file and save it.

   ```plaintext
   EXCLUDE RWB_RBD USER Administrator
   ```

   The `ISOGRAPH.opt` options file is automatically processed with no need to modify the `trusted.lic` file.

3. The next step is to restart the vendor daemon. Start the **FLEXnet License Administrator** application by typing the address `http://localhost:8080` (or `http://<hostname>:8080`) in your web browser.

4. Select **Administration** (you will be prompted to log-in) and then select **Vendor Daemon Configuration** to display the **Vendor Daemons** page.

5. Select the **ISOGRAPH** vendor daemon to administer it.

6. At the **Vendor Daemon:ISOGRAPH** page select the **Use this port** radio button. Enter the required port number in the associated text box and then select **Save** to update the configuration.

7. Select **Stop** to stop the vendor daemon. Select the **ISOGRAPH** vendor daemon again and then select **Start** to start the daemon.

8. There is no need to modify the Isograph Software Product client configuration. All future checkouts will be controlled by the options file.

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**See Also**

- [Installing the Isograph Software Product](#)
- [Activating a License Server License](#)
Re-hosting a License
This topic is only relevant if you have purchased a copy of an Isograph software product.

The FLEXnet licensing system used with an Isograph software product allows the user to return a license to the Isograph License Activation Service and then activate the license on another (or the same!) machine. This process is known as re-hosting. All license types, standalone and license server, allow the user to re-host a license two times in one year.

The process of re-hosting is identical for an Isograph software product standalone license or a license server license. The interface is identical in each case. Follow the steps outlined in Displaying the Application License Activation Dialog or Displaying the License Server Activation Program as appropriate.

Note that the Re-host Using Short Codes option must be used to re-host a license initially activated using this method.

After displaying the appropriate dialog or program proceed to either:

- **Re-host Using the Internet** if you have access to the Internet. Note that activation over the Internet to the Isograph License Activation Service requires port 80 to be open in your firewall.
- **Re-host Using Request and Response Files** if you do not have access to the Internet but can transfer files to and from your system.
- **Re-host Using Short Codes** if you activated the license using the Short Code method.

**Displaying the Application License Activation Dialog**
1. Start the Isograph software product program. Select the Tools-License Configuration menu option from the Isograph software product main window to display the License Configuration.
2. Select Return to display the Application License Activation dialog Return tab.

**Displaying the License Server Activation Program**
1. Select the taskbar Start-Programs-<Product Name>-License Server Activation menu option to display the License Server Activation program.
2. Select the Return tab.

**Re-host Using the Internet**
1. Select the Web tab from the Return tab. This will display the activated licenses on this machine.
2. Select a single license to return, make a note of the associated Activation ID, and then select Return.
3. A successful activation is confirmed by the message Response processed successfully. Actions were: Delete <FulfillmentID>. Failure is indicated by an appropriate error message.
4. Close the dialog and/or program.
5. Install the required features on the new target system and follow the instructions for activating a license contained in either Activating a Standalone License or Activating a License Server License as appropriate. IMPORTANT Use the Activation ID you made a note of in step 2 when you activate the license.

**Re-host Using Request and Response Files**
1. Select the File tab from the Return tab.
2. Select a single license to return, make a note of the associated Activation ID.
3. Select Browse for the Request File path and select a location (typically My Documents for the requestXML.xml file. Select Generate to create the file.
4. Send this file by e-mail to license@isograph.com (USA and Canada) or licence@isograph.com (Europe and Rest of the world).
5. You will receive a file responseXML.xml by return e-mail. Save this file to a location on your file system.
7. Successful return is confirmed by the message *Response processed successfully. Actions were: Delete <FulfillmentID>*.

8. Close the dialog and/or program.

9. Install the required features on the new target system and follow the instructions for activating a license contained in either *Activating a Standalone License* or *Activating a License Server License* as appropriate. *IMPORTANT* Use the Activation ID you made a note of in step 2 when you activate the license.

**Re-host Using Short Codes**

1. Select the **Short Code** tab from the **Return** tab.

2. Select a single license to return.

3. Select **Browse** for the **ASR File** path and select the **ASR** file received when you activated the selected license.

4. Select **Generate** to generate the **Short Code** in the **Short code** text box.

5. Send this **Short Code** by e-mail to **license@isograph.com** (USA and Canada) or **licence@isograph.com** (Europe and Rest of the world).

6. You will receive a **Response Code** by return e-mail. Copy this code to the **Response code** text box.

7. Select **Process** to de-activate the license. The status of the de-activation process will be displayed in the lower status area.

8. Select **Close** to dismiss the **Application License Activation** dialog.

9. Select **OK** to dismiss the **License Configuration** dialog. You will be prompted to exit and restart the program. This step must be performed to remove the current license restrictions.

10. Install the required features on the new target system and follow the instructions for activating a license contained in *Activating a Standalone License*, *IMPORTANT* Use the **ASR File** from step 3 when you activate the license.

**See Also**

*Installing an Isograph Software Product*
*Activating a Standalone License*
*Activating a License Server License*
**Installing a Hardware Key**

This topic is only relevant if you have purchased a copy of an Isograph software product and requested a **Hardware Key**.

You will receive a USB **Hardware Key**. This **Hardware Key** is used to activate the license on any machine where an Isograph software product is installed.

You should follow the steps outlined in **Installing the Aladdin HASP Device Driver Feature** and **Displaying the Application License Dialog**.

**Installing the Aladdin HASP Device Driver Feature**

1. Do not insert the hardware key at this point.
2. Repeat steps 1 to 11 from **Installing the Isograph Software Product Feature**.
3. The **Setup Type** page is displayed. Select the **Custom** radio button before selecting **Next** to proceed.
4. The **Custom Setup** page is displayed. Select the **Aladdin HASP Device Driver** option in the feature list and then select **This feature will be installed on local hard drive**. Now select **Next** to proceed. Care should be taken that the Isograph software product feature is not inadvertently de-selected at this point.
5. The **Ready to Install the Program** page is displayed. Select **Install** to start the installation process.
6. The **InstallShield Wizard Completed** page is displayed. Select **Finish** to complete the installation. If any operating system files require replacement you will be prompted whether you wish to restart the system.

**Displaying the Application License Dialog**

1. Start the Isograph software product program. If the **License Type** has not previously been selected (or is currently set to **Demonstration version**) the **Demonstration Mode** dialog will be displayed. Select **License** to proceed. Alternatively if the **License Type** has already been selected (i.e. is not **Demonstration version**), select the **Tools-License Configuration** menu option from the Isograph software product main window to proceed.
2. The **License Configuration** dialog is displayed. From the **License type** drop down list select the **Hardware Key** option.
3. Select **OK** to dismiss the **License Configuration** dialog. You will be prompted to exit and restart the program. This step must be performed to remove the current license restrictions. Insert the **Hardware Key** before restarting the program.
Specifying the License Configuration Location

The license configuration is normally saved on a per user basis in the user's roaming profile, or if the user does not have a roaming profile in the user's local profile on the current machine.

The license configuration can be specified for all users on a machine by modifying the Isograph Software Product configuration file which is located in the <InstallationDirectory>/<Product>/<Version> directory (e.g. c:\program files\isograph\Reliability Workbench\11.1).

For instructions on how to modify the configuration file please consult the individual product's installation guide.