

Software Quick Start Guide

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Table of Contents

Chapter 1 Network License	1-1
Introduction	1-1
System Requirements	1-2
License Server and Client Installation	1-2
Troubleshooting.....	1-9
Chapter 2 Standalone License	2-1
Introduction	2-1
System Requirements	2-1
Program Installation Procedure	2-1
Purchasing and Licensing Process	2-10
Running the Program	2-16
Uninstalling the Program.....	2-16
Troubleshooting.....	2-16
Chapter 3 Windows Vista.....	3-1
Evaluation License	3-1
Standalone License.....	3-2
Network License.....	3-2
Appendix	A-1
Contact Information.....	A-1

Chapter 1

Network License

Introduction

Network Licensing allows you to designate one computer to run the Network License Server – a lightweight service that runs in the background and requires a network license code to manage licenses for client workstations. The number of available licenses (also known as seats) is encoded in the license code. A license code is required only for the server. Applications such as spMats, formerly pcaMats and spSlab, formerly pcaSlab, can be installed on any client workstation on the network. They communicate with the license server to acquire a license during startup and to check license status while application is running. If no license is available on a server, applications can search for open seats on other servers.

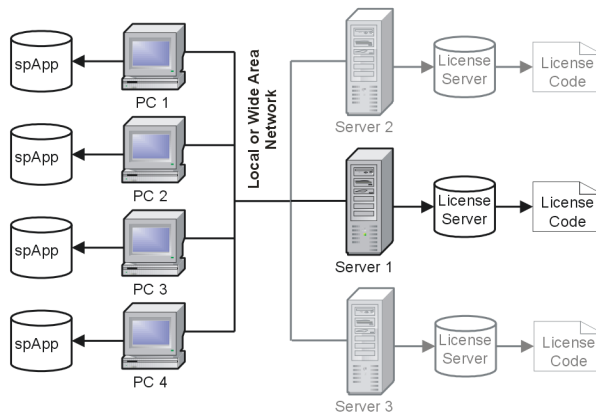


Figure 1-1 Network Licensing Typical Configuration

System Requirements

IMPORTANT: For the Network License Server, please select a computer that is stable and is always available on the network. It can be any computer, but laptops or notebooks are not recommended.

Operating Systems

- Windows XP / 2003 Server (recommended)
- Windows Vista (not recommended, see Chapter 3 – Windows Vista)

Network Requirements

- LAN or WAN running TCP/IP or IPX/SPX network protocol

License Server and Client Installation

IMPORTANT: Applications require Rainbow SentinelLM 7.2.0.23 or higher. If an existing SentinelLM 7.2.23 or higher is running on your designated server for other applications, proceed to step 2. If an earlier version is running on your server, you must either migrate existing licenses to SentinelLM 7.2.0.23 or select another computer to run SentinelLM 7.2.0.23. Only one version of SentinelLM service can run on a server.

Step 1: Installing License Server Software

1. Login as Administrator on your designated License Server computer.
2. If a SentinelLM version earlier than 7.2.0.23 is installed on the server, uninstall it from Control Panel.
3. Insert StructurePoint CD into the CD-ROM drive. Open Windows Explorer to browse CD-Drive:\License_Server folder. If you do not have the CD, download the SentinelLM 7.2.0.23 license server installation package from our website below.
4. http://www.StructurePoint.org/ftparea/License_Server.exe
5. Double click on file License_Server.exe.
6. Follow the steps in the installation wizard to install the license server. Do not change the default installation paths. This guide will refer to them.

Step 2: Obtaining Locking Code of License Server

1. Start Windows Explorer and go to the folder containing SentinelLM applications (C:\Program Files\Rainbow Technologies\Admin\Admin.net\Win32). If an existing SentinelLM service is installed and this folder is not on your hard drive (this is because the license server installation package may have been customized by another software vendor), then search for the files mentioned in the following steps.
2. Double click on wechoid.exe. A dialog box will appear (Figure 1-2).
3. IMPORTANT: Uncheck everything except Disk ID.
4. Write down the Locking Code and the IP Address or Host Name of the server for later use. For example, the Locking Code in Figure 1-2 is 4-123AB (yours may be different).

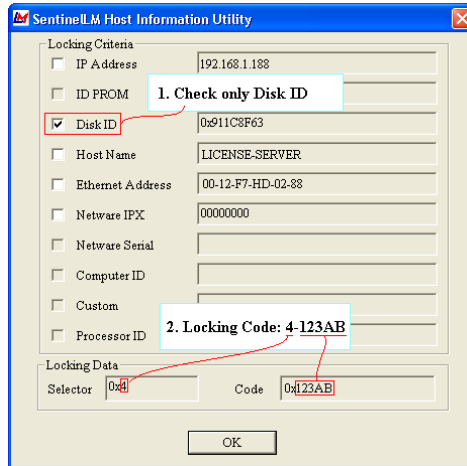
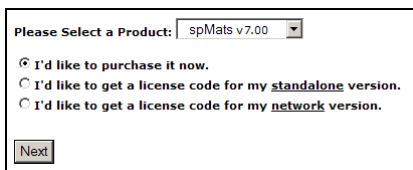


Figure 1-2 System Info Dialog Box

Step 3: Obtaining License Code

Our network licenses can support redundant licensing. To add this feature, please call us at 1-847-966-4357. Please note that licenses generated online by the following procedure do not support this feature. For more information on redundant licensing, please refer to the SentinelLM System Administrator's Guide located on your license server at C:\Program Files\Rainbow Technologies\Admin\Manual\SLM71sys.pdf.

1. Visit the online license generation page at the following address:
http://www.structurepoint.org/licensing/license_profile.asp
2. Select the software to be licensed from the **Please Select a Product** drop-down list, and then select the **I'd like to get license code for my network version** radio button. Click **Next** to continue. (Figure 1-3).



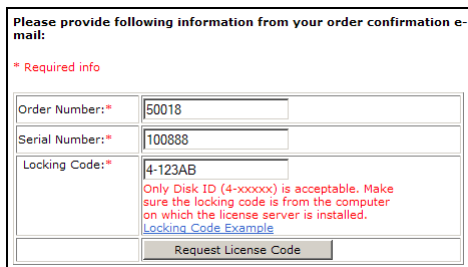
Please Select a Product: spMats v7.00

I'd like to purchase it now.
 I'd like to get a license code for my standalone version.
 I'd like to get a license code for my network version.

Next

Figure 1-3 Online License Generation – Step 1

3. Enter your order number, serial number, and locking code. The order number and serial number can be found in the order confirmation e-mail that is sent to the purchaser when the order is placed. If you are not sure how to find the locking code, click on the **Locking Code Example** link. Click the **Request License Code** button to continue. (Figure 1-4),



Please provide following information from your order confirmation e-mail:

* Required info

Order Number:*	50018
Serial Number:*	100888
Locking Code:*	4-123AB

Only Disk ID (4-xxxxx) is acceptable. Make sure the locking code is from the computer on which the license server is installed.
[Locking Code Example](#)

Request License Code

Figure 1-4 Online License Generation – Step 2

4. On the next page, enter the required information. The domain name of requester's e-mail address must match that of the purchaser's e-mail address. Licensed City is the name of the city where the license code is to be issued. Optionally, the license code may be sent to any valid e-mail address provided in the CC E-mail field. Click the **Generate License Code** button to generate and view the license code on screen. (Figure 1-5),
5. Your license code will be shown on the next screen and sent to the requester's e-mail address (as well as the CC e-mail address, if provided).

If you have any difficulties generating a license online, please send an e-mail to licensing@StructurePoint.org with the following information:

- Order Number (e.g. 50188)
- Serial Number (e.g. 1000888)
- Locking Code (e.g. 4-123AB)
- Product Name (e.g. spMats, formerly pcaMats)
- Number of seats purchased (e.g. 3)
- Full Contact Info (Your Name, Company Name, Address, Phone Number)

We will then process your request and send the License Code via e-mail.

For verification purpose, please type in your **Email address** below. The domain name (e.g. "your_domain.com" of your_id@your_domain.com) **must** match the one in the purchase order. Please type the **License City** where the license is to be installed if it is different from the default. A confirmation email will be sent to you.

* Required info.

Product Name:

Order Number:

Serial Number:

Locking Code:

No. of Seats:

Computer Name:

Requester's First Name: *

Last Name: *

Requester's Company Name: *

License City: * Name of the city where the license is to be installed.

Requester's Email: * Required for verification.

Requester's Phone: *

Phone Ext:

CC Email:

Figure 1-5 Online License Generation – Step 3

Step 4: Configuring License Server

1. Run WlmAdmin.exe tool. This utility is by default installed in the C:\Program Files\Rainbow Technologies\Admin\Admin.NET\Win32 folder. If SentinelLM is not installed in the default folder, search for the WlmAdmin.exe file.

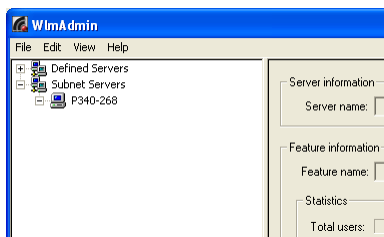


Figure 1-6 WlmAdmin – before license installation

2. On the left pane of the WlmAdmin window (Figure 1-6), click on the + sign in front of **Subnet Servers**, and then click on the + sign in front of the name of the server (e.g. SentinelLM-Server, yours may be different). Any previously installed applications will be listed under the server name. If your server name is not listed then refer to Problem: License server does not run in the Troubleshooting section at the end of this chapter.
3. Right click on the server name and select **Add Feature | From a String** from the pop up menu (Figure 1-7).

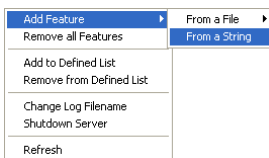
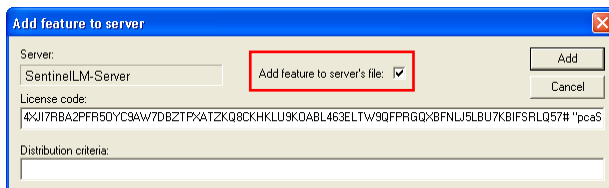


Figure 1-7 Right click on the server name to show this pop up menu

4. **IMPORTANT:** Check the **Add feature to server's file** check box in the **Add Feature to Server** dialog box (Figure 1-8). Copy the license code for one StructurePoint product (e.g. spMats, formerly pcaMats) from the license code e-mail, and then paste it into the **License code** text box. Leave the Distribution criteria text box empty. Click **Add** button to continue. If you receive an error message, refer to the Troubleshooting section.



*Figure 1-8 Check **Add Feature to Server** and copy/paste license code*

- Repeat steps 3 and 4 to add each StructurePoint software feature one by one. If the server has been configured successfully, all the features should be listed under the server name (Figure 1-9). Please note that the feature version on the license server (e.g. 4.00) and your StructurePoint application version on client workstation (say 4.20) do not need to match exactly. This allows updates to be installed without obtaining new license codes.

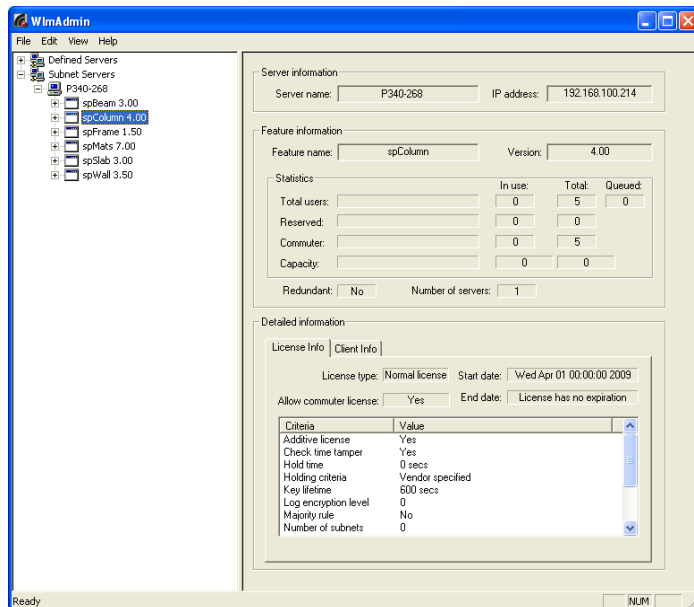


Figure 1-9 All the features are installed successfully

Step 5: Configuring Applications on Client Workstations

IMPORTANT: This step must be repeated for each StructurePoint application (i.e. spMats, spSlab, etc.) on each client workstation.

By default, the StructurePoint software applications may be installed in either of the following folders (this guide uses the first folder as an example):

- C:\Program Files\StructurePoint\
 - C:\Program Files\PCA\
- Login as Administrator on the client workstation.

2. Install StructurePoint software (e.g. spMats, spSlab, etc.) For installation instructions refer to the Program Installation Procedure in Chapter 2 – Standalone License. In addition to the software for which you have purchased licenses, please feel free to install the remaining programs in the StructurePoint suite. The client workstation user will be able to run them in fully functional evaluation mode for 15 days.

IMPORTANT: If you purchased and installed the software before October 1, 2003, you may have a version that is not compatible with the network license server. Please visit <http://www.StructurePoint.org> to download the latest version. Please contact info@StructurePoint.org for additional information.

3. On the client workstation, open Windows Explorer and go to the client application folder (e.g. C:\Program Files\StructurePoint\spMats\).
4. Using a text editor (e.g. Notepad), open the `lshost.txt` file located in the application folder. Delete any text that may be present (e.g. no-net) and type in the license server name or IP address in the first line. For example, if the Network License Server is running on a computer with the IP address of 192.168.1.188 as shown in Figure 1-9, just type in 192.168.1.188 in the first line. Save and close this file.

TIP 1: You may enter multiple IP addresses (each in a separate line) in the `lshost.txt` file to specify additional license servers. This will force the application to search for an available license seat starting with the server specified in the first line. If there is no license seat available on the current server, the application will try the next specified server.

TIP 2: If you prefer that applications detect the license server automatically, you can use the keyword: LAN in a single line in the `lshost.txt` file. This will force the application to broadcast a request for a license seat throughout the subnet. Please note that this may increase the startup time and that the broadcasting is performed only in the subnet where the client computer is located. If the client computer and the license server are located in different subnets, the name of the server or its IP address must be used.

License server and client installation is now complete. You are ready to use the application.

Troubleshooting

Problem: License server does not run

Verify your server status by running the WlmAdmin.exe application (located in C:\Program Files\Rainbow Technologies\Admin\Admin.net\Win32). If your server is not listed under **Subnet Servers**, follow the instructions shown below.

1. If the license server computer is running Windows XP with Service Pack 2 or Windows 2003 Server it may be necessary to set up an exception in Windows Firewall. Open **Control Panel** and check the status of the **Windows firewall**. If the status is On, add an exception for UDP port 5093 (Figure 1-10). Open this port if it is blocked by any other active firewall software running on the server.

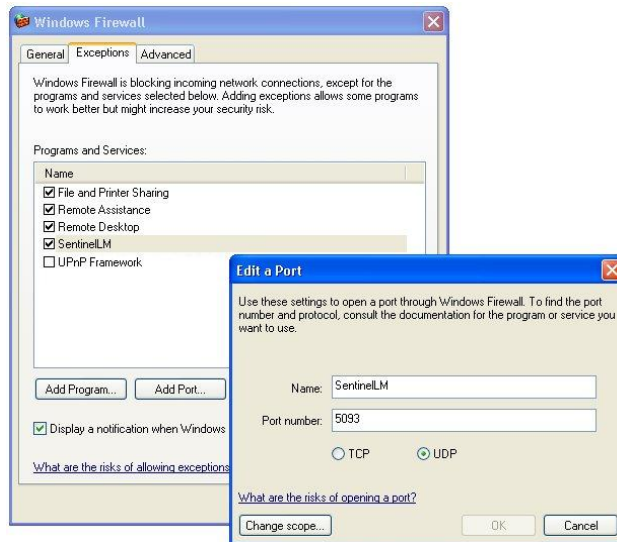


Figure 1-10 Windows Firewall

2. If opening the port does not resolve the problem, restart the license server as shown below.

For Windows NT or later: Go to **Windows Start | Control Panel | Administrative Tools**, and then double click on Services. A service named SentinelLM should be listed (see Figure 1-11). If its status is Stopped, right

click on it and select **Start** from the pop-up menu. If its status is Started, restart it by clicking on **Restart** from the pop-up menu.

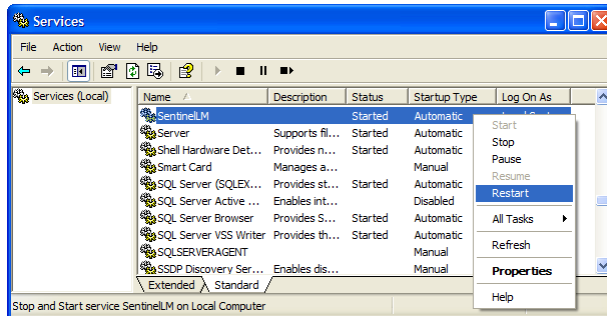


Figure 1-11 SentinelLM Service on License Server

For Win 9x: If the license server is running, a separate window will display the message: “License Server Running”. Close this window to stop the license server. Open Windows Explorer and go to folder C:\Program Files\Rainbow Technologies \SentinelLM7.2.0.23 Server\English\. Double click on lserv9x.exe to restart the License Server.

Problem: Error [19] or Error [17] when adding license

SentinelLM: Error [19]: Failed to add license code

This error occurs when an incorrect or incomplete license code is entered. Make sure the correct license code is copied and pasted in its entirety from the license e-mail, and then try again. If error persists, follow the procedure below to add the license code manually.

1. Open Windows Explorer and go to the folder where lservrc file is located. The default path to this file is C:\Program Files\Rainbow Technologies\SentinelLM 7.2.0.23 Server\English\. Make sure the first character of the file name is “ℓ” (for library), not “I” (for International) or “1” (one).
2. If there are multiple license codes in the lservrc file, make sure there is only one license code per line. If you need to add a new license code to an existing lservrc file, make sure the new license code is entered on a new line. You may need to uncheck **Word Wrap** in the **Format** menu as shown in Figure 1-12.

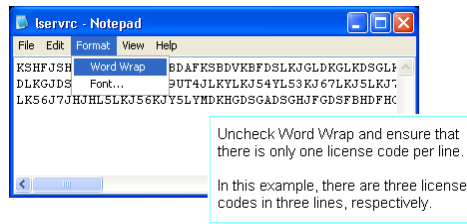


Figure 1-12 Uncheck Word Wrap in Notepad

3. The `lserverc` file must NOT have any extension. It is a common mistake that a “.txt” is appended to the filename. By default, Windows Explorer hides all the known extensions including “.txt”. To turn off this feature, click on **Folder Options** in the **Tools** menu, select **View** tab, and uncheck **Hide extensions for known file types** as shown in Figure 1-13.

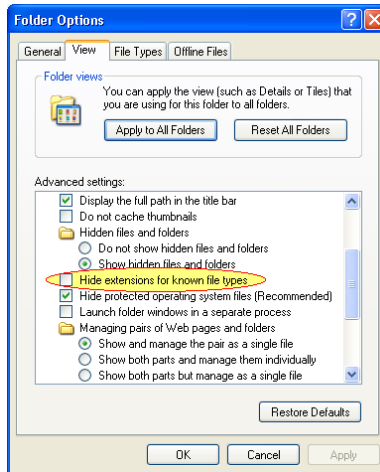


Figure 1-13 Show Extensions for Known Types in Windows Explorer

4. Restart SentinelLM service (refer to Problem: License server does not run, part 2) or reboot the server for the new license to take effect.

Problem: Client computer cannot find license server

1. Restart SentinelLM (refer to Problem: License server does not run, part 2) or reboot the server after license code is entered into the `lserverc` file.

2. Using the WlmAdmin.exe tool (located in C:\Program Files\Rainbow Technologies\Admin\Admin.net\Win32), make sure the license server is running properly. Verify the correct feature name and version listed under the server name (see Figure 1-9).
3. Verify that the version of the software installed on the client workstation is supported by the version of the license installed on the license server. Please refer to <http://www.structurepoint.org/update/index.asp> for details.
4. Open Windows Explorer, and then go to StructurePoint software folder. For example, the default path for spMats is C:\Program Files\StructurePoint\spMats. Double click to open lshost.txt. Make sure the IP address or the name of the license server is in this file. The server IP address and the server name can be used interchangeably. Depending on the IP and DNS settings in your network, however, one may work better than the other. If the lshost.txt file contains the LAN keyword or is empty, the client application (e.g. spMats) will try to obtain the license by broadcasting license request in the subnet. If the license server and the client are in different subnets, the IP address or the name of the license server must be entered in the lshost.txt file on the client computer.

For other network license related issues, please refer to the FAQ – Network License section on our website at:

http://www.structurepoint.org/support_faq_network_license.asp.

Problem: License server does not release licenses

When StructurePoint software is closed on a client workstation, the license is released and becomes available to other client workstations. If the license is not released automatically, you may try one or all of the following.

- Wait 10 minutes and run the application on client computer again. SentinelLM checks the status of all the licenses on client computers and releases a license automatically if a connection has been inactive for about 10 minutes.
- Restart the SentinelLM service (see Problem: License server does not run, Part 2).
- Reboot the license server.

Chapter 2

Standalone License

Introduction

The standalone license permits the use of software applications on a single dedicated computer. License management is done on that computer, and each application requires a separate license code for every computer on which it is installed.

This chapter uses spMats as an example but the presented guidelines also apply to spColumn, spSlab, spBeam, and spWall because the installation procedure is identical.

For installation of spFrame please download spFrame Installation Quick Start Guide from www.StructurePoint.org.

System Requirements

StructurePoint programs are 32-bit Windows applications. They run on Microsoft Windows XP and Microsoft Windows Vista. Please refer to Chapter 3 – Windows Vista for instructions on how to troubleshoot Vista related issues.

Program Installation Procedure

1. Insert the StructurePoint CD into the CD drive and proceed to step 2. If you do not have the installation disk but have downloaded the installation package from our website, please run it and proceed to step 11. Security warnings as shown in Figure 2-4 and Figure 2-5 will be displayed when downloading and running the installation file from the website.
 2. If the auto-run functionality of Windows is enabled on your computer (which is the default setting) and a web browser (Internet Explorer, Firefox, Netscape, etc.) is installed, the CD startup page (Figure 2-1) will appear automatically. If the startup page does not appear automatically, please go to step 7.
-

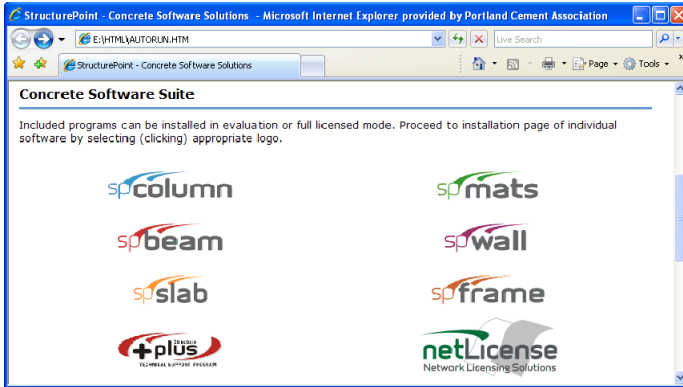


Figure 2-1 Startup Page

3. If you are going to evaluate StructurePoint software, please click the **Evaluation Software License Agreement** link and read the agreement carefully. If you are going to use a commercial copy of StructurePoint software, please click the **Software License Agreement** link and read the agreement carefully.
4. Click **pcamats** logo to start the installation. A second page will appear as shown in Figure 2-2.

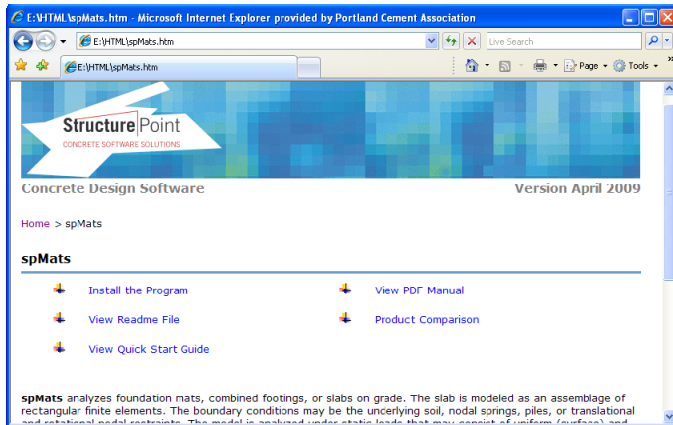


Figure 2-2 spMats Page

5. Click **Install the Program**. If a dialog box as shown in Figure 2-3 appears, click the **Yes** button.

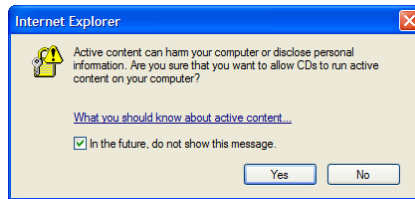


Figure 2-3 Security Warning

6. A **File Download** dialog box will appear as shown in Figure 2-4. Click the **Run** button to continue.

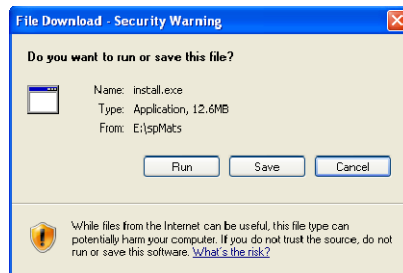


Figure 2-4 File Download Dialog Box

7. Another **Security Warning** dialog box will appear as shown in Figure 2-5. Clicking on the STRUCTUREPOINT name next to the **Publisher** label will display **Digital Signature Details**. If the digital signature is OK (Figure 2-6), click the **OK** button to close the **Digital Signature Details** window and then click the **Run** button to continue.

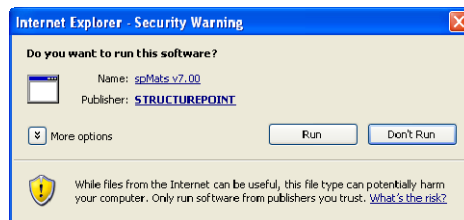


Figure 2-5 Internet Explorer Security Warning

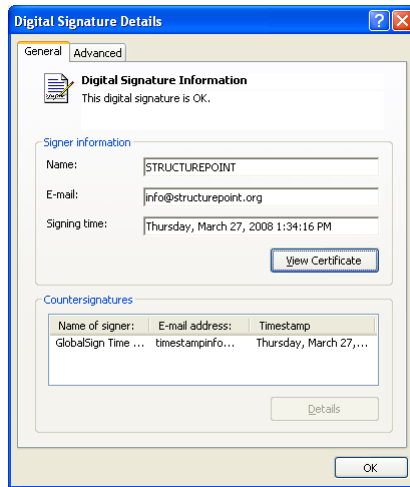


Figure 2-6 Digital Signature Details

8. If the start page doesn't appear automatically, open Windows Explorer manually.

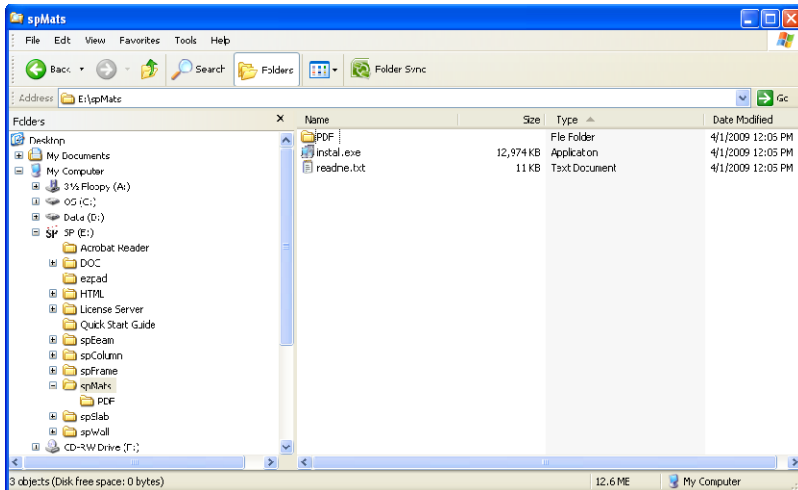



Figure 2-7 Windows Explorer

Windows Explorer can be open by going to **Windows Start | All Programs | Accessories | Windows Explorer**. It is also accessible by clicking the

combination of  on your keyboard. A window similar to Figure 2-7 will appear.

9. Select the CD drive from the left pane of Windows Explorer (e.g. E: drive in Figure 2-7).
10. Select the spMats folder from the left pane. The contents of this folder are shown in the right pane.
11. Double click the `install.exe` in the right pane of the Windows Explorer.
12. The installation startup screen will appear (Figure 2-8). Please read all the information, and then click the **Next** button to continue. This will install the application software and the evaluation license.

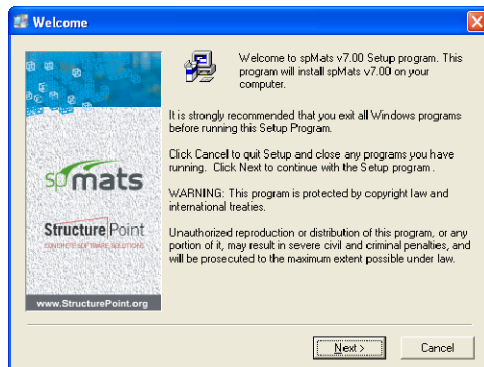


Figure 2-8 Beginning of the installation

13. Carefully read and review the End User License Agreement (Figure 2-9). Click the **I Agree** button to confirm that you have read and agreed with the license agreement. This will continue the installation. If you do not agree with the license agreement, click the **I Do Not Agree** button, and stop the installation.

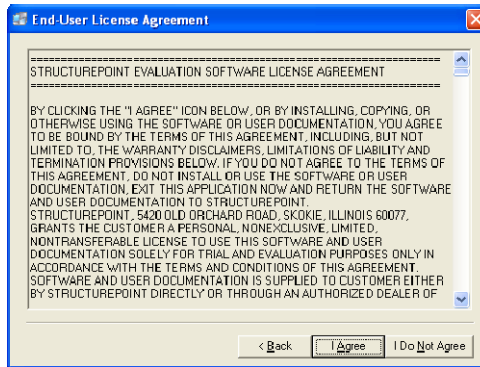


Figure 2-9 Copyright Notice

14. Read the Readme file (Figure 2-10), and then click **Next** to continue.

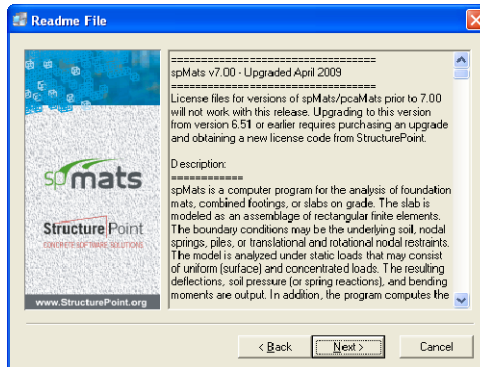


Figure 2-10 Readme File

15. Enter the Registration Information (User Name and Company Name) as shown in Figure 2-11. Click the **Next** button to continue.

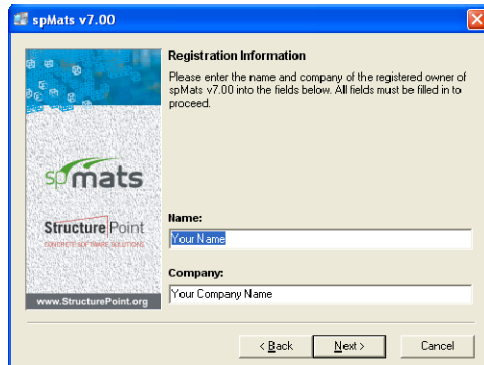


Figure 2-11 Registration Information

16. Select the destination folder in which the application will be installed (Figure 2-12). By default, StructurePoint software is installed in one of the following folders:

C:\Program Files\StructurePoint\

C:\Program Files\PCA\

For spMats, C:\Program Files\StructurePoint\spMats is the default destination folder. Press the **Browse** button if you want to install the program in a different folder. If the destination folder does not exist, the setup program will create it. Click the **Next** button to continue.

IMPORTANT: If you are evaluating a newer version of a StructurePoint application that has already been installed on your computer and do not want to overwrite the existing version, you must select a different folder by clicking the **Browse** button. For example, if spMats v7.00 is installed in C:\Program File\StructurePoint\spMats and you want to evaluate spMats v7.00, please make sure to install v7.00 in a different folder, such as: C:\Program File\StructurePoint\spMats v7.00.

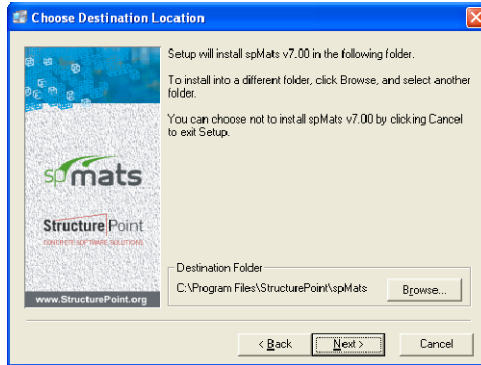


Figure 2-12 Choose Destination Location

17. Enter the program group name as shown in Figure 2-13. Windows will use this name in the **Start | Programs** menu. Click the **Next** button to continue.

IMPORTANT: If you are evaluating a new version of a StructurePoint application that has already been installed on your computer and do not want to overwrite the existing version, you must specify a different group name. For example, if the existing group name for spMats v7.00 is StructurePoint\spMats, and you want to evaluate spMats v7.00, it is recommended to specify a new group, such as StructurePoint\spMats v7.00.

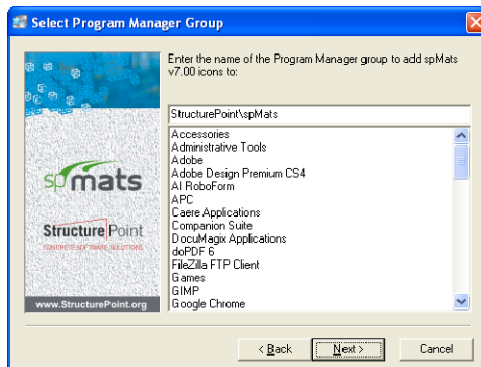


Figure 2-13 Select Program Manager Group

18. Click the **Next** button as shown in Figure 2-14 to start the installation.

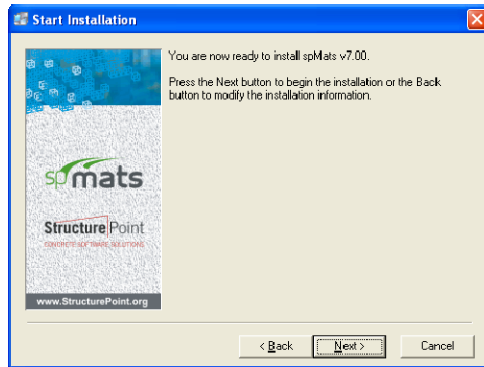


Figure 2-14 Start Installation

19. A window will show the progress as files are copied to your hard drive. (Figure 2-15).

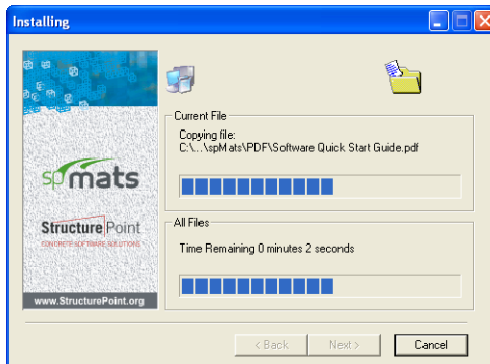


Figure 2-15 Installation progress

20. After the installation is complete, a dialog box will appear. Click the **Finish** button to finish the installation. (Figure 2-16). Depending on your system, you may or may not be prompted to restart the system.

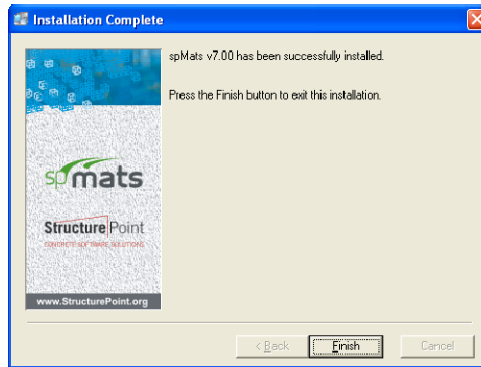


Figure 2-16 Installation Complete

Purchasing and Licensing Process

IMPORTANT: The following information is for standalone licenses only. If you have a network license and are installing the software on client workstations, please refer to Step 5: Configuring Applications in Chapter 1 – Network License.

By default, StructurePoint programs are installed in fully functional 15 day evaluation mode. In this mode, an additional program activation window will be shown before the program is loaded (Figure 2-17). It allows users to purchase and license the software, enter an activation code, or run the application by clicking the **Evaluate** button. When the evaluation period expires the user needs to obtain a license in order to continue using the program.

IMPORTANT: The evaluation period begins the first time the software is accessed through the **Evaluate** button. Any tampering with system clock or evaluation license will render the software useless.

You may purchase a license online at www.StructurePoint.org or by calling the StructurePoint sales team at 1-847-966-4357. To buy online, click the **Online Licensing** button. This will direct you to StructurePoint website to complete the transaction.

After the purchase is completed, StructurePoint will generate a unique license code based on the product id and a unique hardware id (locking code) of the user's computer.

IMPORTANT: A standalone license will work only on the computer for which the license code was generated.

Under special circumstances, a license can be transferred from one computer to another. To learn about the license transfer procedure and the license transfer fee, please contact the StructurePoint licensing team by phone at 1-847-966-4357 or via e-mail at licensing@structurepoint.org.

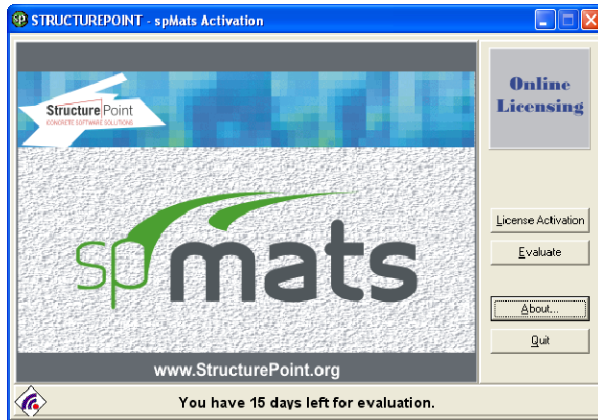


Figure 2-17 Start-up Dialog Box

Online Activation Using the Web

You will need your order number, product serial number, and the locking code. The first two are found in the order confirmation e-mail sent to the purchaser by StructurePoint.

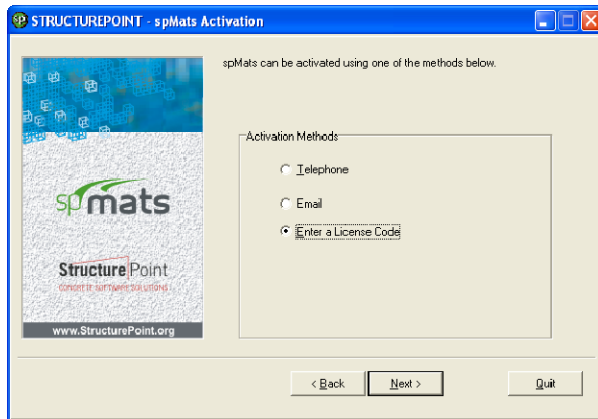


Figure 2-18 License activation methods

1. Obtaining Locking Code

Click the **License Activation** button in the start-up dialog box (Figure 2-17). A window showing the three license activation methods will appear (Figure 2-18). Select **Enter a License Code**, and then click the **Next** button. A window will appear, showing the Locking Code (4-2666F in example Figure 2-19, yours may be different). Write down the locking code and click **Back** twice to return to Figure 2-17.

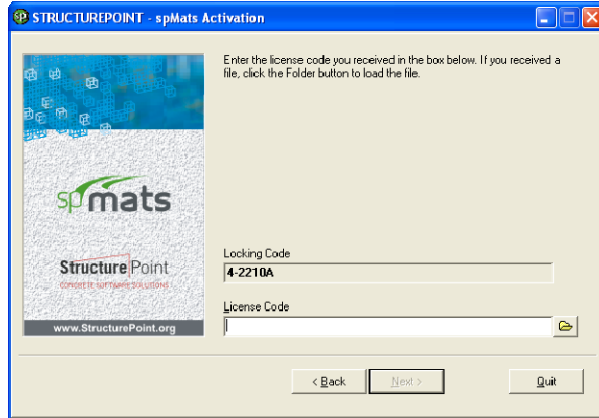


Figure 2-19 Enter license code

2. License Code Generation

Click the **Online Licensing** button in the start-up dialog box (Figure 2-17). This will open up a web browser and direct you to the StructurePoint website (Step 1, Figure 2-20). Please select the 2nd option and click **Next**. You will be prompted to enter your order number, serial number, and locking code (Step 2, Figure 2-20). Please enter these numbers carefully. You will then be prompted for a valid e-mail address (Step 3, Figure 2-20). The domain name of the requester's e-mail address must match that of the purchaser's e-mail address. Once you have successfully generated a license code, please copy and paste it to the License Code text box on the activation window) and click **Next** (Figure 2-19).

If the license code is valid, the application will be activated and the window shown in Figure 2-21 will appear. Click the **Finish** button to complete the activation. If you encounter any error messages, please refer to the Troubleshooting section of this guide.

Online Standalone License Generation

Step 1

I'd like to purchase it now.
 I'd like to get a license code for my standalone version.
 I'd like to get a license code for my network version.

Step 2 Please provide following information from your order confirmation e-mail:

* Required info

Order Number:*

Serial Number:*

Locking Code:* Only Disk ID (4-xxxxxx) is acceptable. Make sure the locking code is from the server computer, not a client computer. A server computer is the one where SentinelLM is installed. [Locking Code Example](#)

Step 3 For verification purpose, please type in your **Email address** below. The domain name (e.g. "your_domain.com" of your_id@your_domain.com) **must** match the one in the purchase order. Please type the **License City** where the license is to be installed if it is different from the default. A confirmation email will be sent to you.

* Required info.

Product Name:

Order Number:

Serial Number:

Locking Code:

No. of Seats:

Computer Name:

Requester's First Name:

Last Name:

Requester's Company Name:

License City: Name of the city where the license is to be installed.

Requester's Email:* Required for verification.

Requester's Phone:*

Phone Ext:

CC Email:

Figure 2-20 Online Licensing

Please note that the license version and your software version do not need to match exactly. This allows updates to be installed without obtaining new license codes.

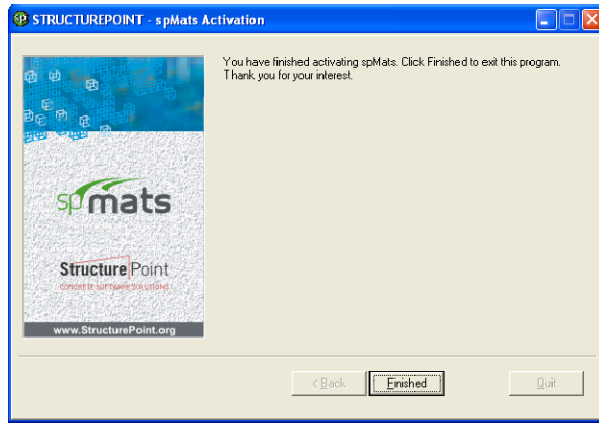


Figure 2-21 Activation completion

Activation by Phone

If you choose to activate by phone, a screen showing the product ID and your locking code will appear (Figure 2-22). This information is needed when you call 1-847-966-4357 to obtain your license.

After your information is verified, your license code will be generated and sent to you via e-mail. After you receive the e-mail, copy and paste the license code into the **License Code** text box and click the **Next** button. Since the license code is usually long, typing it into the License Code text box is not recommended. If the license code is valid, the application will be activated and the window shown in Figure 2-21 will appear. Click the **Finish** button to complete the activation. If you encounter any error messages please refer to the Troubleshooting section of this guide.

Activation by E-mail

If you choose to activate via E-mail, a screen prompting you to provide your name and contact information will appear (Figure 2-23). After you type in all the information, click the **Send E-mail** button and it will be automatically sent to StructurePoint with the product ID and your Locking Code. After the information is verified, the license code will be generated and sent to you via e-mail.

IMPORTANT: If you encounter any difficulties sending the e-mail automatically from the license activator then please call us at 1-847-966-4357 or e-mail us manually at licensing@StructurePoint.org.

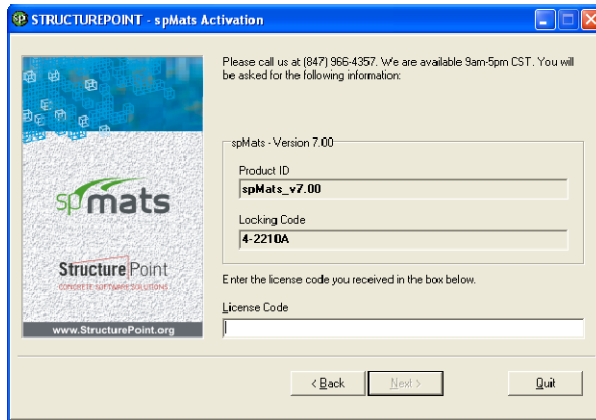


Figure 2-22 Activation by phone

After receiving the license code you may enter it by clicking the **License Activation** button in the start up dialog box (Figure 2-17) and choosing the **Enter License Code** option. Since the license code is usually long, typing it into the License Code text box is not recommended. If the license code is valid, the application will be activated and the window shown in Figure 2-21 will appear. Click the **Finish** button to complete the activation. If you encounter any error messages please refer to the Troubleshooting section in Chapter 2.

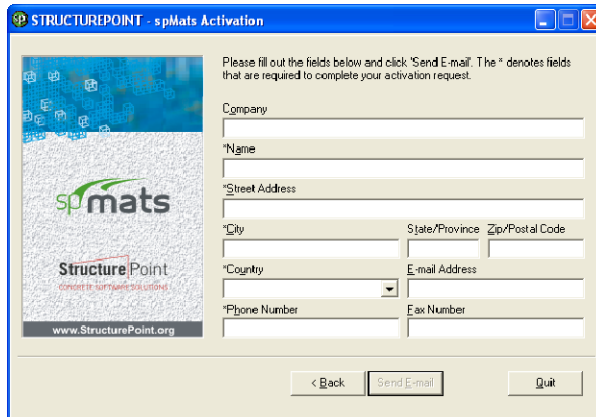


Figure 2-23 Activation by e-mail

Running the Program

1. In Windows XP, 2003 Server, select the **Start** button from the lower left corner of the screen then follow the path of **All Programs | StructurePoint | spMats | spMats**.
2. In Windows Vista, refer to Chapter 3 – Windows Vista.

Uninstalling the Program

1. Select the **Start** button from the lower left corner of the screen then follow the path of **All Programs | StructurePoint | spMats | Uninstall spMats**.
2. Follow the steps shown by the un-installation wizard to remove the program.

Troubleshooting

Problem: License code is not accepted

After you copy and paste the license code into the License Code text box and click the **Next** button, an error message, such as Error [17], appears stating that the license code cannot be added. There are two solutions to this issue.

Solution 1: Add license code to the `lservrc` file manually

1. Open Windows Explorer and go to the folder where the `lservrc` file is located. The default path is `C:\Program Files\StructurePoint\spMats`. Make sure the first character of the file name is “*l*” (for library), not “*I*” (for International) or “*1*” (one).
2. Uncheck the **Word Wrap** in the Notepad **Format** menu as shown in Figure 2-24. There should already be one line of text in this file. It is the default 15 day trial license. Go to the beginning of the second line and paste the license code there. You should have a total of two lines of text.

If you have multiple license codes in `lservrc` file, make sure there is only one license code per line. If you need to append a new license code to an existing `lservrc` file, make sure the new license code is entered in a new line.

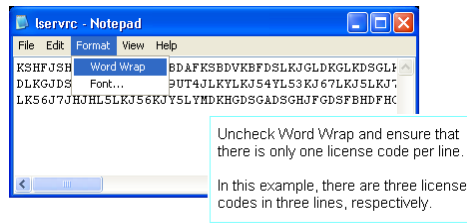


Figure 2-24 Uncheck Word Wrap in Notepad

3. The `lservrc` file must NOT have any extension. It is a common mistake that a “.txt” is appended to the filename. By default, Windows Explorer hides all the known extensions including “.txt”. To turn off this feature, click on **Folder Options** in the **Tools** menu, select **View** tab, and uncheck **Hide extensions for known file types** (Figure 2-25).

Solution 2: Set environment variable LSFORCEHOST to no-net

To add a standalone license, set the environment variable LSFORCEHOST to no-net. To add an environment variable, follow the steps below (assuming Windows XP).

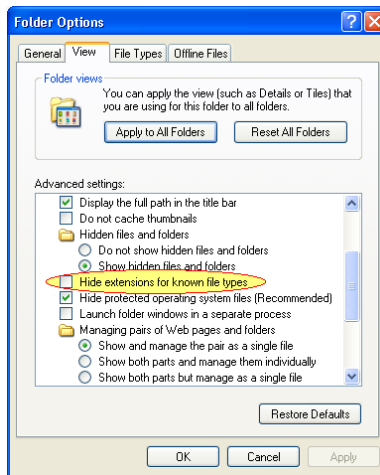


Figure 2-25 Show Extensions for Known Types in Windows Explorer

1. Open Windows **Control Panel**, and then double click on **System**.

2. Click on the **Advanced** tab on the **System Properties** box (Figure 2-26), and then click the **Environment Variables** button.

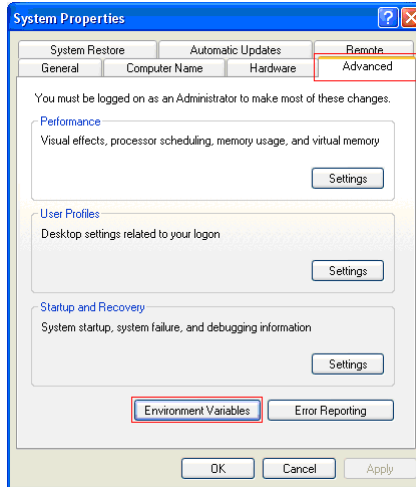


Figure 2-26 System Properties box

3. In the **System Variables** group box (Figure 2-27), look for a variable named LSFORCEHOST. If the variable already exists, click the **Edit** button, and then change the **Value** to no-net. If the variable does not exist, click the **New** button.

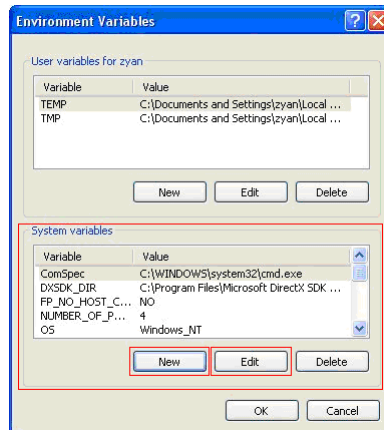


Figure 2-27 Environment Variables box

4. On the **New System Variable** dialog box (Figure 2-28). Enter the variable name and value as shown, and then click the **OK** button.

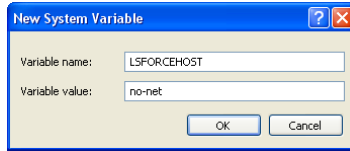


Figure 2-28 New System Variable box

5. Click the **OK** button on the **Environment Variables** dialog box. Depending on the operating system, the computer may have to be restarted in order for the new environment variable to take effect.

Chapter 3

Windows Vista

SentinelLM 7.2.0.23 does not formally support Windows Vista, however, our test indicate that it is functional on computers running Windows Vista operating system if the specific guidelines presented below for the evaluation, standalone, and network licenses are followed.

Evaluation License

StructurePoint software with an evaluation license (i.e. the default unlocked 15 day trial or a locked license with an expiration date) must be run with administrator privileges. To do that, select path **Windows Start | All Programs | StructurePoint | spMats**, right click on spMats, and then select **Run as administrator** from the pop-up menu as shown in Figure 3-1.

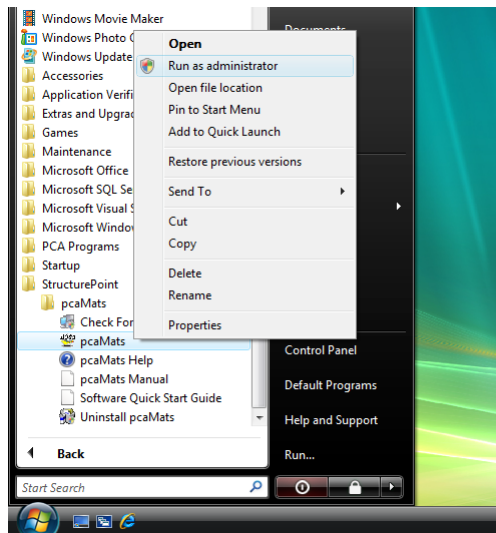


Figure 3-1 Run as administrator on Windows Vista

Standalone License

To activate StructurePoint software by entering the license code (e-mailed to you) into the license activator, administrator privileges are required and the software must be started as an administrator (Figure 3-1). Once the software is activated successfully, administrator privileges are not required to run the software.

Network License

Vista on License Server

After SentinelLM is installed on the license server computer, follow the steps below to create an exception (UDP port 5093) in Windows Firewall.

1. Open **Control Panel**.
2. Open **Windows Firewall**.
3. Click on **Allow a program through Window Firewall** as shown in Figure 3-2.

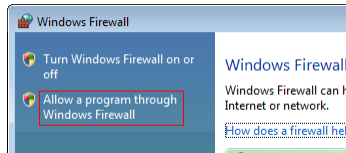


Figure 3-2 Access Windows Vista Firewall Settings

4. On the Exceptions tab in the Windows Firewall Settings window, click the **Add port** button.
5. Enter SentinelLM in the **Name** text box, 5093 in the **Port number** text box, and select the **UDP** radio button (Figure 3-3). Click **OK** button.

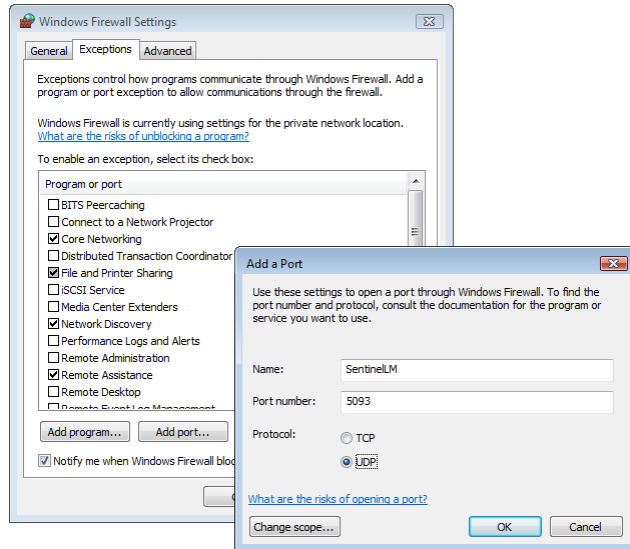


Figure 3-3 Create UDP port 5093 Exception in Windows Vista Firewall

6. Make sure the SentinelLM entry appears in the list and is checked as shown in Figure 3-4. Click the **OK** button to close the Firewall settings window.

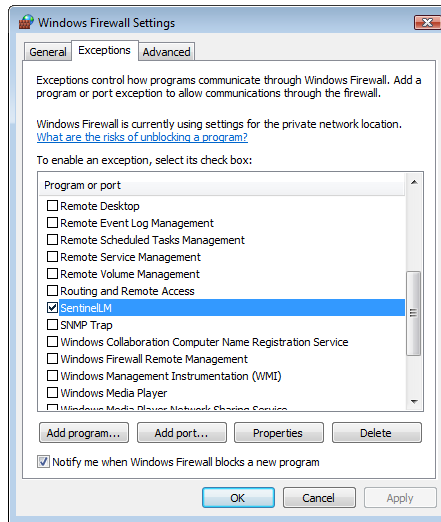


Figure 3-4 Make Sure the Exception is Checked

Vista on Client Workstation

This scenario assumes that your license server is running and the name or IP address of the license server has been entered into the `lshost.txt` file in the StructurePoint software folder on client workstations. Administrator privileges are not required to run the StructurePoint application on client workstations.

Appendix

Contact Information

Mail: StructurePoint
 Customer Service
 5420 Old Orchard Road
 Skokie, IL 60077
 USA

Phone: (847) 966-4357

Fax: (847) 966-1542

Web: <http://www.StructurePoint.org>

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Licensing licensing@StructurePoint.org
