



SITE MANAGER INSTALLATION GUIDE

Release Note

Site Manager 6



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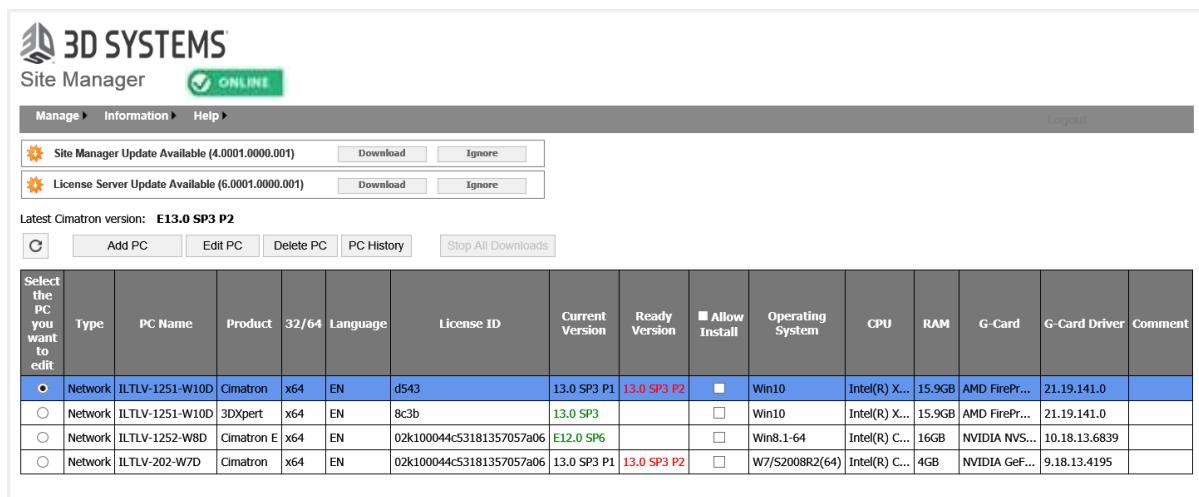
Introduction

The **3D Systems Site Manager** is an Internet Information Services (IIS)-based solution that enables IT Administrators to manage and monitor relevant 3D Systems products in their organization. Currently, the Site Manager supports the following 3D Systems products: **3DXpert**.

IT Administrators are able to:

- View a list of installed stations / PCs and licenses / plugs.
- View each station's version(s) and usage.
- Check for updates and receive notification on available updates from the Site Manager update server.
- Download the Update setup file.
- Schedule silent remote installation of Updates on clients.
- Get IT related information from the Site Manager server.

The Site Manager tool enables administrators to enforce update policy in the organization and control the update process.



The screenshot shows the 3D Systems Site Manager web interface. At the top, there is a header with the 3D Systems logo, a 'Site Manager' title, and an 'ONLINE' status indicator. Below the header, a navigation bar includes 'Manage', 'Information', 'Help', and a 'Logout' link. A main message area displays two update notifications: 'Site Manager Update Available (4.0001.0000.001)' and 'License Server Update Available (6.0001.0000.001)', each with 'Download' and 'Ignore' buttons. Below this, a sub-header indicates the latest Cimatron version: 'E13.0 SP3 P2'. The main content is a table listing client PCs. The columns are: Select the PC you want to edit, Type, PC Name, Product, 32/64, Language, License ID, Current Version, Ready Version, Allow Install, Operating System, CPU, RAM, G-Card, G-Card Driver, and Comment. The table contains four rows of data, with the first row being highlighted in blue.

Select the PC you want to edit	Type	PC Name	Product	32/64	Language	License ID	Current Version	Ready Version	Allow Install	Operating System	CPU	RAM	G-Card	G-Card Driver	Comment
<input checked="" type="radio"/>	Network	ILTLV-1251-W10D	Cimatron	x64	EN	d543	13.0 SP3 P1	13.0 SP3 P2	<input type="checkbox"/>	Win10	Intel(R) X...	15.9GB	AMD FirePr...	21.19.141.0	
<input type="radio"/>	Network	ILTLV-1251-W10D	3DXpert	x64	EN	8c3b	13.0 SP3		<input type="checkbox"/>	Win10	Intel(R) X...	15.9GB	AMD FirePr...	21.19.141.0	
<input type="radio"/>	Network	ILTLV-1252-W8D	Cimatron E	x64	EN	02k100044c53181357057a06	E12.0 SP6		<input type="checkbox"/>	Win8.1-64	Intel(R) C...	16GB	NVIDIA NVS...	10.18.13.6839	
<input type="radio"/>	Network	ILTLV-202-W7D	Cimatron	x64	EN	02k100044c53181357057a06	13.0 SP3 P1	13.0 SP3 P2	<input type="checkbox"/>	W7/S2008R2(64)	Intel(R) C...	4GB	NVIDIA GeF...	9.18.13.4195	

A Site Manager server is required when a customer's client PCs have no direct connection to the internet, and are set up to work with a server (typically, another PC in the customer's network) that does have internet connection.

It is also required on sites that control and enforce version Updates through a central location.

In addition, sites with many users who wish to reduce the download traffic, can use the Site Manager server. This way, any Update is downloaded only once and is saved only on the server folder. All users can access it on the local network.

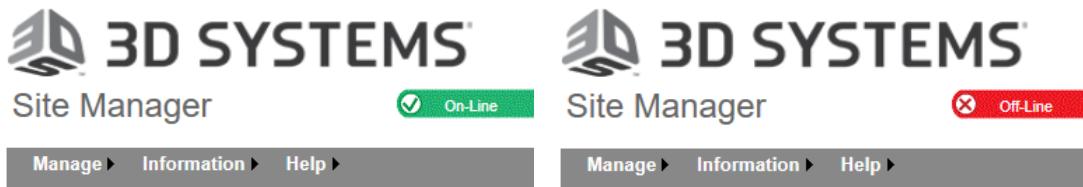
One Site Manager Server can serve multiple 32 and 64-bit clients.

The Site Manager supports the **Printers and Materials Update** tool.

The 3D Systems Site Manager has two modes: **On-Line** where the Site Manager itself is connected to the internet and **Off-Line** where the Site Manager is not connected to the internet. The On-Line and Off-Line symbols are displayed as follows:



These symbols appear in the Site Manager as shown below.



Note that, in this guide, all the images show the Site Manager in On-Line mode.

For further information, see Site Manager Operating Modes – On-Line and Off-Line on page 25.

3D Systems Site Manager Components

The **3D Systems Site Manager** is an HTTP-based application that is installed and run on an Admin. computer.

The Site Manager includes:

- A WEB application that shows all the stations that exist on the site. The information comes from the clients (stations where the relevant 3DSystems products are installed) that are connected to the Admin PC.
- A configurable scheduler service that periodically checks for available updates. The scheduler (download schedule for the Site Manager) can trigger a notification Email for the Administrator that is sent from 3D Systems whenever a new update is downloaded. The Email text can be set by the Site Manager.
- A connection to the Site Manager server for getting IT-related information.
- An option that enables Administrators to be able to download the Update file, either manually or using the pre-defined scheduler. The file can then be used for distribution to users, using the customer (IT department) inner-organizational tools. The updates are downloaded to a specially created share folder – **<3D Systems product name> Updates**.
- An option that enables Administrators to schedule the installation of an Update on the connected clients. This option enables using remote log-in as an administrator, to activate the installation process of an Update in silent mode. To run an Update on a client, you must be logged-in as an administrator of the machine.

Installation

The hardware and software requirements for installing the 3D Systems Site Manager on the Admin computer are detailed below:

Hardware Requirements

The hardware requirements for installing the 3D Systems Site Manager are as follows:

Processor: Minimum Requirements: Intel Core™ 2 Duo

Memory: 8 GB RAM

Disk Space: 2 GB

Internet connection and no blocking firewall.

Firewall settings: At some sites, it may be required to open firewall access on the Site Manager machine. In general, the installation adds two rules to the Windows firewall inbound list of rules (see details in Appendix A on page 26):

- "3D Systems Site Manager (TCP)": open the protocol TCP, for local port 80 on the local subnet, and limited to SYSTEM services only.
- "3D Systems Site Manager (UDP)": open the protocol UDP, for all local and for all remote ports on the local subnet, and limited to SYSTEM services only.

If other firewalls are used, the rules may be required to be added manually.

Software Requirements

The software requirements for this product are detailed below.

Recommended:

- Windows Server 2012 R2, 2016 or 2019.
- Windows 10, Professional.

Not Supported:

- Windows 7, 8, 8.1 and Windows Server 2008 are no longer supported, however, the system will still run on them.
- Windows versions older than Windows 7 are not supported.
- .NET Framework 4.6.2 is an installation prerequisite.
- The 3D Systems Site Manager can be installed on a **Virtual** instance of Windows.
- Internet browser (tested with Internet Explorer 11, Chrome and Firefox).

Installation

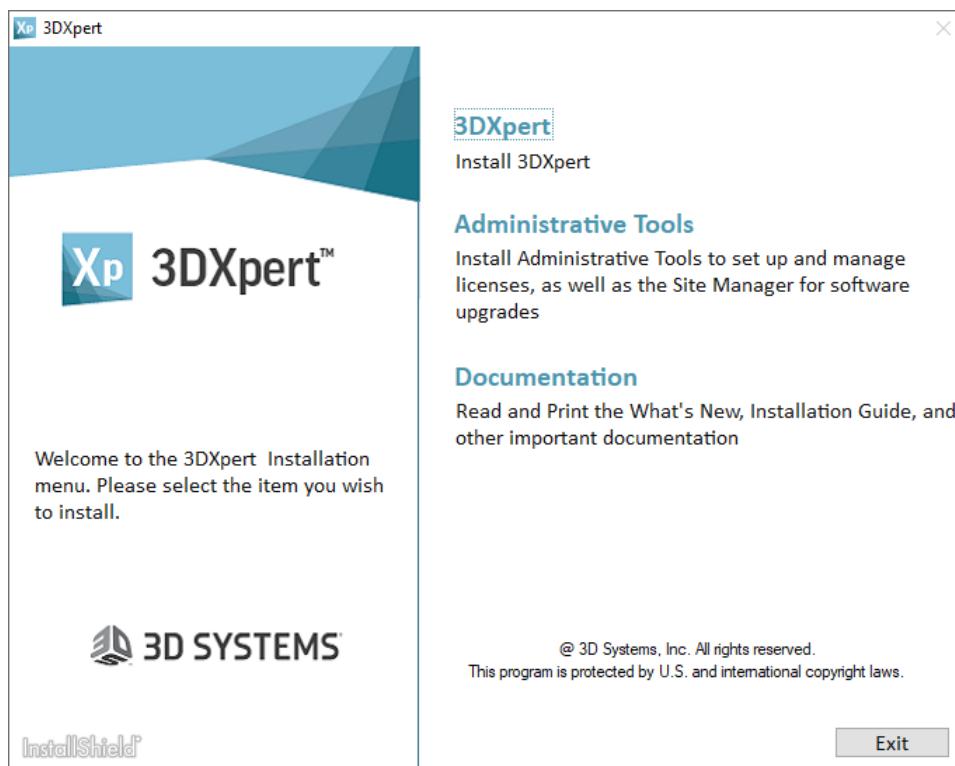
Install the Site Manager on the Admin. computer from the 3D Systems software release DVD. The 3D Systems products supported by the Site Manager, are listed in the **Introduction**, on page 1.

The Admin. computer should have internet access.

Installation Procedure

When installing the software product, prepare the Admin. computer for installation as follows:

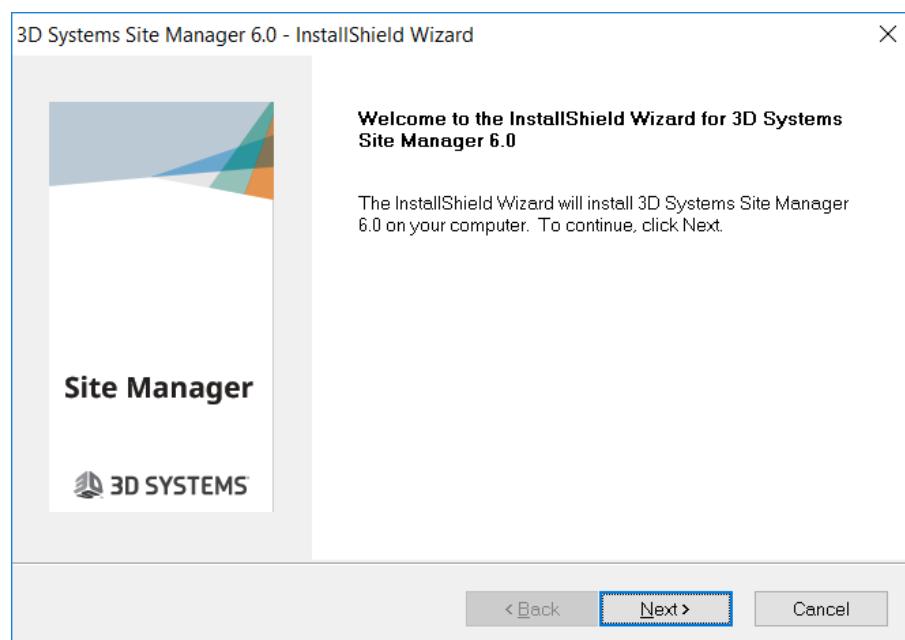
1. Ensure that you have at least 2 Gb free on the disk where your **Windows Temp** folder is defined (even if you are installing the software on another disk).
2. Insert the 3D Systems software installation **DVD** into the drive.
3. The installation menu (**Autorun**) is displayed. Click the **Administrative Tools** item.



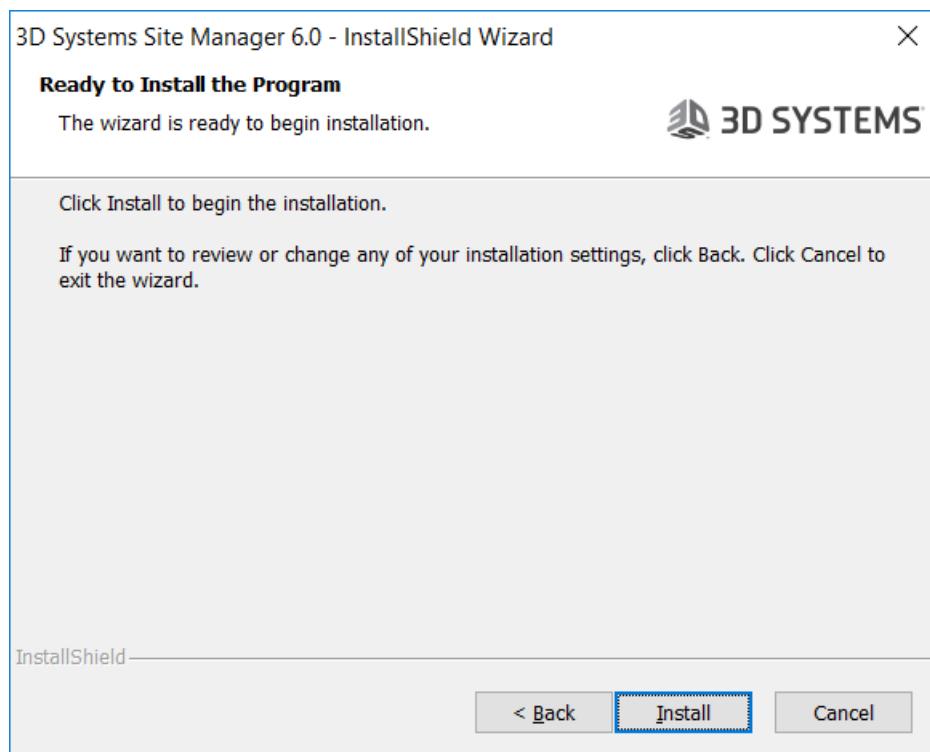
4. The **Administrative Tools** installation dialog is displayed. Select the **Site Manager** item.



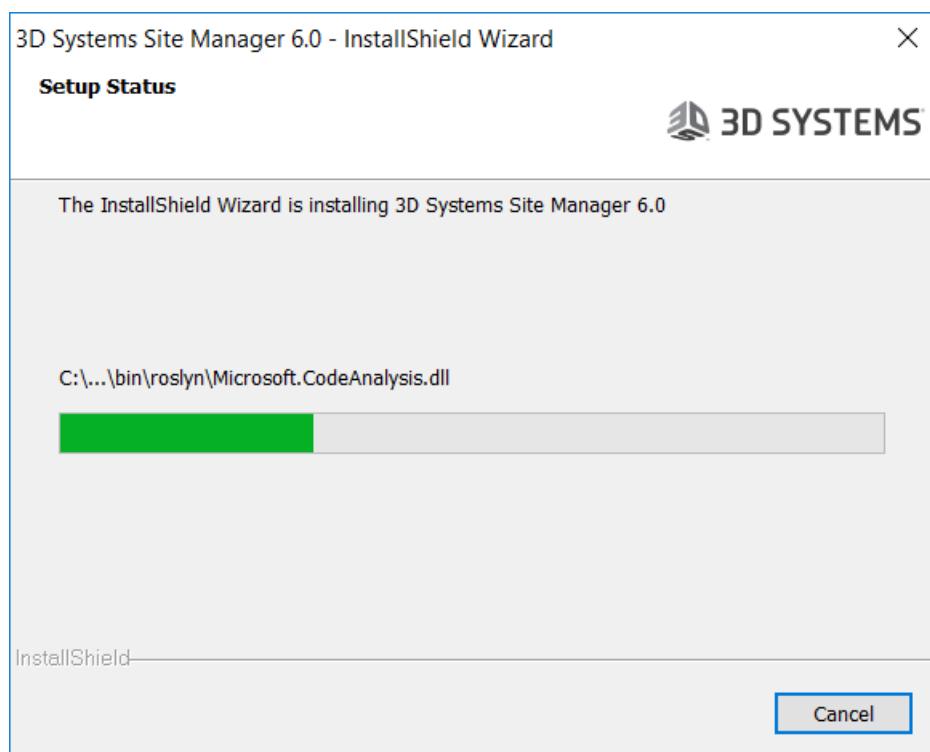
5. The **Site Manager Welcome** dialog is displayed. Click **Next**.



6. The **Ready to Install Program** dialog is displayed. Click **Install**.



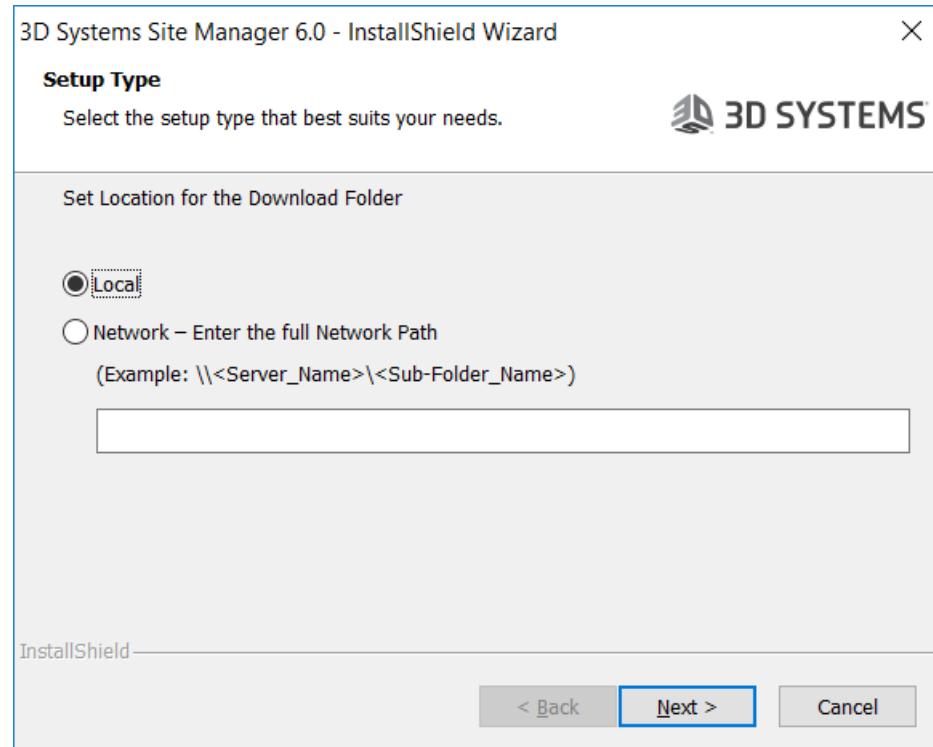
7. The Site Manager installation commences.



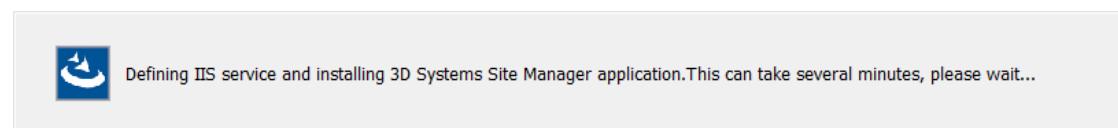
8. The **Setup Type** dialog is displayed to select the Local/Network share folder.

The Network share option enables users to define a folder on any computer/server on the network to where the setup files will be downloaded from the 3D Systems servers, and also shared by the Site Manager to the clients.

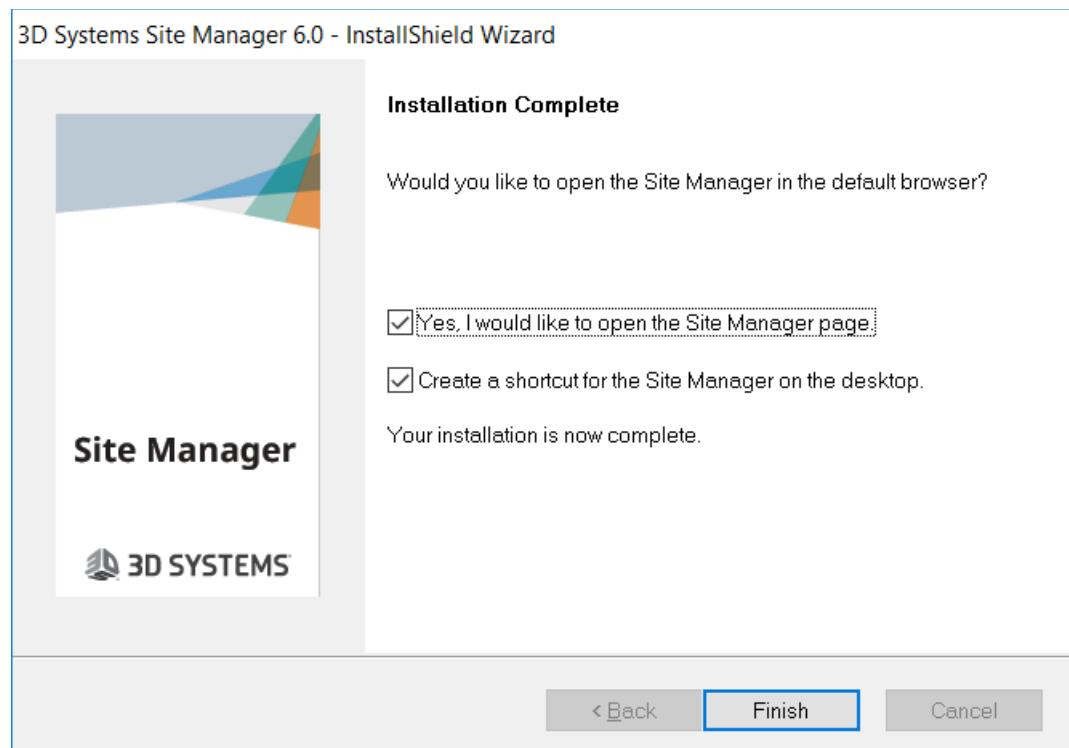
Click **Next** to continue the installation.



The installation continues.



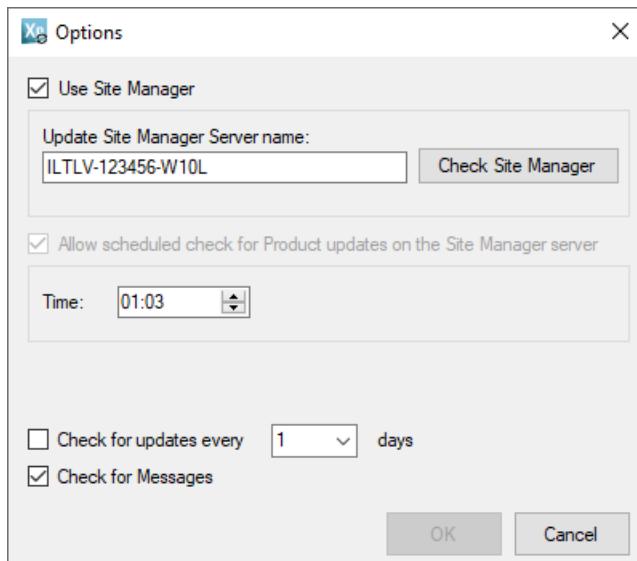
- When the installation is complete, select the required checkboxes and click **Finish** to exit the installation procedure.



Client Access

Client computers are those where relevant 3D Systems products, which are supported by the Site Manager, have been installed; see the **Introduction** on page 1 for a list of such products.

All clients are connected (via their PC names or IP addresses) to a pre-defined Admin. PC. This connection is enabled from the client computers. In the case of 3DXpert, this is via a dialog displayed from the product's Control Panel (for example, from the 3DXpert Control Panel: Main Menu > 3DXpert Updates > Options button), as shown below:



See the software product's Online Help for a detailed explanation of this dialog.

Use Site Manager	<p>Use the Site Manager to manage the product updates. This checkbox is <i>unselected</i> by default.</p> <p>When this checkbox is selected, the following additional options become available:</p> <ul style="list-style-type: none"> • Update Site Manager Server Name: Enter the computer name that is used as the site manager server. For example: "pc-blue-w7". • Check Site Manager: A button that checks the availability of the site manager according to the entered name. <p>If this checkbox is selected and a legal server name is entered, the client PC is added as a 'Network' type connection to the Admin PC – see page 13. If the checkbox is later unselected, the client PC will, by default, be automatically ignored from the list of connected PCs after 30 days (this can be configured in the Scheduler Service dialog – see page 20.) It can also be removed manually.</p>
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Allow Scheduled Download of Product Updates	Enable scheduled downloads of available updates. This helps to reduce the overall installation time when you choose to install an update (if the update has already been downloaded, the download part of the update process is skipped). This checkbox is selected by default. The scheduler downloads the updates of all the relevant 3D Systems products on your computer. In the case of an error, the process is terminated. When this checkbox is selected, the Time field becomes available: <ul style="list-style-type: none">• Time: Set the time when to schedule the start of the download. This option is only relevant when operating in the On-Line mode. For further information, see Site Manager Operating Modes – On-Line and Off-Line on page 25.
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Select **OK** to implement any changes to the settings in the dialog; select **Cancel** to cancel any changes.

3D Systems Site Manager Tool

This tool consists of two components:

- A user web application – run on a need basis. See page 11 (below).
- A scheduler service – always run and restarted after a reboot. See page 20.

User Web Application / Portal

This is a Web application that shows all the stations and licenses that exist for the customer.

The information comes from the client stations that are connected to the Admin. PC. The information comes from the client's Update tool – see **Client Access** on page 9.

To invoke the web application, open an internet browser and use the URL
http://<localhost>/cimatronsitemanager where <localhost> is either the PC name or the IP address; for example: **http://pc-blue-w7/cimatronsitemanager**.

The 3D Systems Site Manager dialog is displayed in the internet browser. A menu option in this dialog enables the display of an intermediate login dialog before the Site Manager dialog is displayed.

The Site Manager dialog performs the following:

- Displays a list of installed stations / PCs and licenses / plugs.
- Displays each station's version(s) and license.
- Checks for updates and receives notification on available updates from the Site Manager update server.
- Downloads the Update setup file.
- Ability to schedule remote updates on clients.
- Gets IT related information.

3D Systems Site Manager Main Dialog

The 3D Systems Site Manager main dialog displays a list of the computers at a site, showing (for each PC) the current version of the 3D Systems products installed, whether updates are available and, if so, how they should be installed.

In addition, the dialog displays the latest version numbers of the installed products and also whether “special” downloads are available (in the example below the Site Manager and License Server have updates). Download or ignore these updates, as required.

In the table, the system can either show the ‘Allow Install’ column or the ‘Approved for Silent’ column, depending on the options selected. See the **Main Dialog Table** parameters section on page 13.

The Site Manager main dialog showing the ‘Allow Install’ column:

3D SYSTEMS® Site Manager 																
Manage ▶ Information ▶ Help ▶ Logout																
Site Manager Update Available (4.0001.0000.001) <input type="button" value="Download"/> <input type="button" value="Ignore"/>																
License Server Update Available (6.0001.0000.001) <input type="button" value="Download"/> <input type="button" value="Ignore"/>																
Latest Cimatron version: E13.0 SP3 P2																
Select the PC you want to edit	Type	PC Name	Product	32/64	Language	License ID	Current Version	Ready Version	Allow Install	Operating System	CPU	RAM	G-Card	G-Card Driver	Comment	
<input checked="" type="radio"/>	Network	ILTLV-1251-W10D	Cimatron	x64	EN	d543	13.0 SP3 P1	13.0 SP3 P2	<input type="checkbox"/>	Win10	Intel(R) X...	15.9GB	AMD FirePr...	21.19.141.0		
<input type="radio"/>	Network	ILTLV-1251-W10D	3DXpert	x64	EN	8c3b	13.0 SP3		<input type="checkbox"/>	Win10	Intel(R) X...	15.9GB	AMD FirePr...	21.19.141.0		
<input type="radio"/>	Network	ILTLV-1252-W8D	Cimatron E	x64	EN	02k100044c53181357057a06	E12.0 SP6		<input type="checkbox"/>	Win8.1-64	Intel(R) C...	16GB	NVIDIA NVS...	10.18.13.6839		
<input type="radio"/>	Network	ILTLV-202-W7D	Cimatron	x64	EN	02k100044c53181357057a06	13.0 SP3 P1	13.0 SP3 P2	<input type="checkbox"/>	W7/S2008R2(64)	Intel(R) C...	4GB	NVIDIA GeF...	9.18.13.4195		

The Site Manager main dialog showing the ‘Approved for Silent’ column:

3D SYSTEMS® Site Manager 																
Manage ▶ Information ▶ Help ▶ Logout																
Latest Cimatron version: E13.0 SP3 P2																
Select the PC you want to edit	Type	PC Name	Product	32/64	Language	License ID	Current Version	Ready Version	Approved for Silent	Operating System	CPU	RAM	G-Card	G-Card Driver	Comment	
<input checked="" type="radio"/>	Network	ILTLV-1251-W10D	Cimatron	x64	EN	d543	13.0 SP3 P1	13.0 SP3 P2	<input type="checkbox"/>	Win10	Intel(R) X...	15.9GB	AMD FirePr...	21.19.141.0		
<input type="radio"/>	Network	ILTLV-1251-W10D	3DXpert	x64	EN	8c3b	13.0 SP3		<input type="checkbox"/>	Win10	Intel(R) X...	15.9GB	AMD FirePr...	21.19.141.0		
<input type="radio"/>	Network	ILTLV-1252-W8D	Cimatron E	x64	EN	02k100044c53181357057a06	E12.0 SP6		<input type="checkbox"/>	Win8.1-64	Intel(R) C...	16GB	NVIDIA NVS...	10.18.13.6839		
<input type="radio"/>	Network	ILTLV-202-W7D	Cimatron	x64	EN	02k100044c53181357057a06	13.0 SP3 P1	13.0 SP3 P2	<input type="checkbox"/>	W7/S2008R2(64)	Intel(R) C...	4GB	NVIDIA GeF...	9.18.13.4195		

Main Dialog Table

The 3D Systems Site Manager dialog displays a table showing the following:

- A list of installed stations / PCs and licenses / plugs.
- Each station's version(s) and license.

The default column sort order of the table is by PC Name, however, all the columns of the table are sortable. The Site Manager table contains the following columns:

Select	Select a PC for an Edit or Delete operation using the buttons at the bottom of the table.
Type	<p>The type of connection to the Admin station.</p> <ul style="list-style-type: none"> • Network = A client PC that is identified automatically when it is configured to work with Site Manager -- see Client Access on page 9. • Manual – A client PC manually added by the Administrator; for example a home PC that is not connected to the network, but has a 3D Systems license. If a PC with the same name as the manually added PC is later connected to the Admin station, the entry Type will automatically be updated to "Network".
PC Name	The client PC name.
Product	The name of the 3D Systems product used on the client PC.
32/64	The type of product installed on the client PC; 32 or 64-bit installation. There may be two entries for the same PC, if it has both the 32-bit and the 64-bit versions installed.
Language	Displays the language defined when running the product. The default language is English (EN).
License ID	License ID of the client PC (Node or MAC).
Current Version	<p>The version of the product currently installed on the client PC. The version number is displayed in GREEN if the Current version is up-to-date; otherwise it will be displayed in BLACK.</p>
Ready Version	<p>The next Service Pack or Update for the client PC's Current Version. The version number is displayed in RED when there is a newer version that was not downloaded yet to the share folder created by the Site Manager Service.</p> <p>The version number is displayed in GREEN when there is a newer version that is available (in the share folder) for update.</p>

Allow Install	Update permission. Enable or disable a version update notification appearing on client PCs. This checkbox is OFF, not checked, by default. When ON (checked), the client PC can be notified of available updates (in the case of 3DXpert, via the product's Control Panel [Main Menu > 3DXpert Updates]). The default for all new client PC can be set from the Scheduler Service dialog – see page 20. This column is only available if the By Update Notifications option is selected in the Scheduler Service dialog; see page 20.
Approved for Silent	Approved for automatic scheduled silent installation of upgrades. Silent upgrades are upgrades that do not require any user actions to complete an installation (they are automatically installed at the next scheduled time). The silent installation approval for a client can be set from the menu option Manage > Silent Installation Management; see page 23. This column (and the Silent Installation Management menu option) are only available if the By Scheduled Silent Upgrade option is selected in the Scheduler Service dialog; see page 20.
Operating System	Operating system installed on the client computer.
CPU	Type of CPU on the client computer.
RAM	Total RAM memory of the client computer.
G-Card	Graphics Card used in the client computer.
G-Card Driver	Graphics Card driver used in the client computer.
Comment	Free updatable text field.

Main Dialog Buttons

The following buttons are available below the table:

Download / Ignore	When																																
	Refresh the displayed data.																																
Add PC	<p>Open a new Manual type line at the bottom of the list. The following dialog is displayed:</p> <div style="border: 1px solid #ccc; padding: 10px; width: fit-content;"> <p style="text-align: center;">Add New PC</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">* Type</td> <td><input type="text" value="Manual"/></td> <td style="width: 30%;">* Operating System</td> <td><input style="width: 150px;" type="text"/></td> </tr> <tr> <td>* PC Name</td> <td><input type="text"/></td> <td>CPU</td> <td><input style="width: 150px;" type="text"/></td> </tr> <tr> <td>Product</td> <td><input type="text" value="Cimatron"/></td> <td>RAM</td> <td><input style="width: 150px;" type="text"/></td> </tr> <tr> <td>32/64</td> <td><input type="text" value="x32"/></td> <td>G-Card</td> <td><input style="width: 150px;" type="text"/></td> </tr> <tr> <td>License ID</td> <td><input type="text"/></td> <td>G-Card Driver</td> <td><input style="width: 150px;" type="text"/></td> </tr> <tr> <td>Current Version</td> <td><input type="text"/></td> <td>Language</td> <td><input style="width: 150px;" type="text"/></td> </tr> <tr> <td>Comment</td> <td colspan="3"><input style="width: 400px; height: 20px;" type="text"/></td> </tr> <tr> <td colspan="4" style="text-align: center; margin-top: 10px;"> <input type="button" value="Create"/> <input type="button" value="Cancel"/> </td> </tr> </table> <p>The minimum required fields are: PC Name, Product, 32/64, Operating System. When setting a language, select the language from the dropdown list.</p> </div>	* Type	<input type="text" value="Manual"/>	* Operating System	<input style="width: 150px;" type="text"/>	* PC Name	<input type="text"/>	CPU	<input style="width: 150px;" type="text"/>	Product	<input type="text" value="Cimatron"/>	RAM	<input style="width: 150px;" type="text"/>	32/64	<input type="text" value="x32"/>	G-Card	<input style="width: 150px;" type="text"/>	License ID	<input type="text"/>	G-Card Driver	<input style="width: 150px;" type="text"/>	Current Version	<input type="text"/>	Language	<input style="width: 150px;" type="text"/>	Comment	<input style="width: 400px; height: 20px;" type="text"/>			<input type="button" value="Create"/> <input type="button" value="Cancel"/>			
* Type	<input type="text" value="Manual"/>	* Operating System	<input style="width: 150px;" type="text"/>																														
* PC Name	<input type="text"/>	CPU	<input style="width: 150px;" type="text"/>																														
Product	<input type="text" value="Cimatron"/>	RAM	<input style="width: 150px;" type="text"/>																														
32/64	<input type="text" value="x32"/>	G-Card	<input style="width: 150px;" type="text"/>																														
License ID	<input type="text"/>	G-Card Driver	<input style="width: 150px;" type="text"/>																														
Current Version	<input type="text"/>	Language	<input style="width: 150px;" type="text"/>																														
Comment	<input style="width: 400px; height: 20px;" type="text"/>																																
<input type="button" value="Create"/> <input type="button" value="Cancel"/>																																	
Edit PC	<p>Edit a selected PC. For Manual types, everything can be edited except for the first four fields. For Network types, only the Comment field can be edited.</p>																																
Delete PC	Delete a selected PC from the list of PCs.																																
Disapprove Silent	Delete the Silent installation approval for the selected PC. The Silent installation mode is set in the Scheduler Service dialog (see page 20) and, for specific PCs, in the Silent Installation Management dialog (see page 23).																																
PC History	Display a dialog showing the version download history for the selected PC. The history is per PC and per Product.																																
Stop All Downloads	Stop all current downloads (for all PCs). Any downloads currently active are stopped and a message is displayed in the appropriate 'Ready Version' row.																																

Main Dialog Menus - Overview

The following menus are available in the Site Manager dialog:

- Refresh
- Manage
 - Manual Download
 - Preferences
 - License Manager
 - Open Download Folder
 - Silent Installation Management for Update
- Information
 - Download Activity Log
 - Show Update Info
 - Top 20 Used Graphics Cards
 - List of Supported Graphic Cards
 - IT Tips
- Help
 - About
 - Online Help
- Logout

Main Dialog Menus – Detailed

Refresh

Refresh the display. This option checks for available updates for each PC in the list.

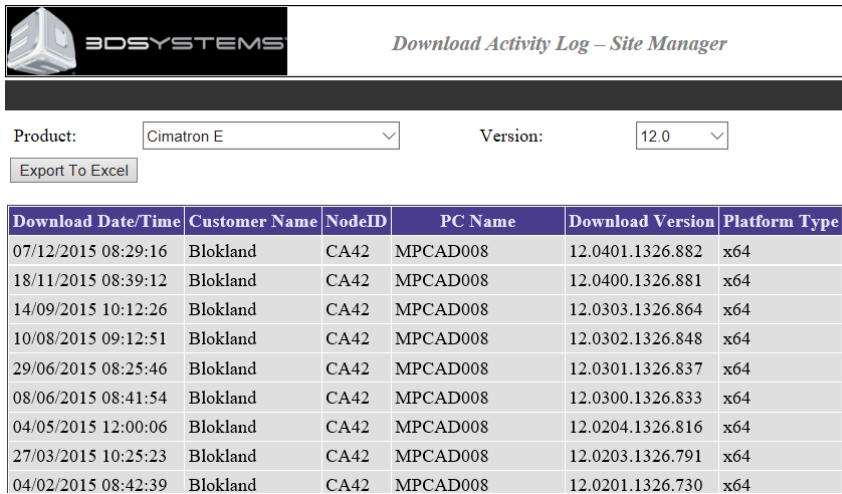
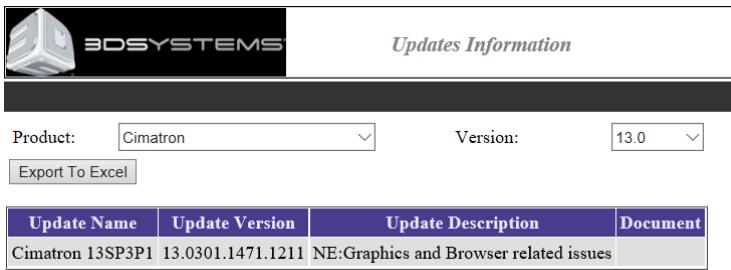
Manage

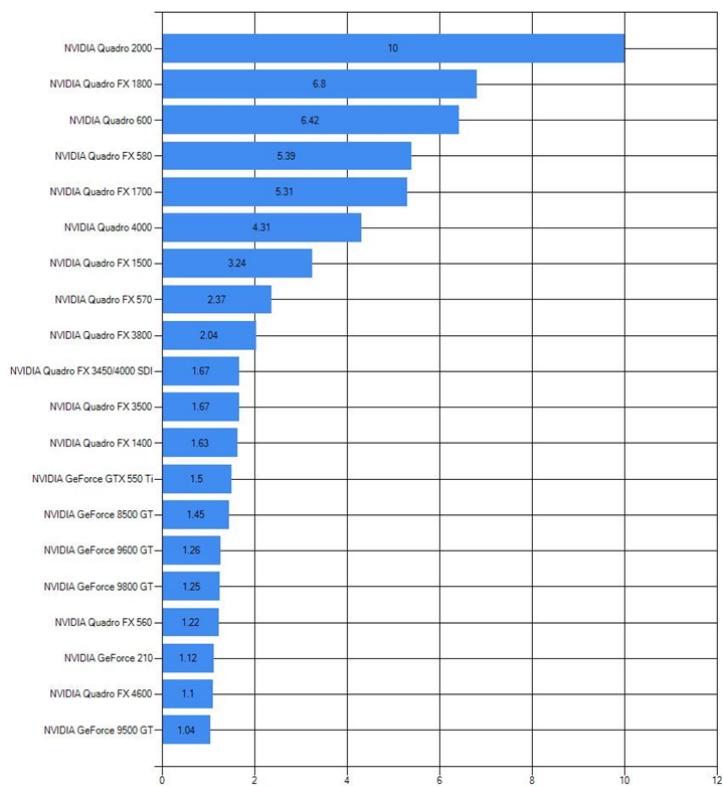
Manage the Site Manager using the following options:

Manual Download	Start a manual download. This will download all updates that appear in RED in the Ready Version field of the table. See the explanation of the Ready Version column in the Main Dialog Table parameters section on page 13.
Preferences	Display the Scheduler Service dialog. See page 20. This dialog enables you to set download, installation and general options.
License Manager	Load the License Manager with the option "All Licenses".
Open Download Folder	When running in Internet Explorer, this opens the windows file explorer where the download folder is defined. When running in a different browser, this opens a dialog showing the folder location.
Silent Installation Management for Update	Display the Silent Installation Management dialog. See page 23. This dialog enables the administrator to 'approve' and schedule specific updates to be silently installed on selected clients. The Silent Installation Management menu option is only available if the By Scheduled Silent Upgrade option is selected in the Scheduler Service dialog; see page 20.

Information

Display various information using the following options:

Download Activity Log	<p>Display the customer's activity log. This shows the product usage of each client PC.</p> <p></p> <p>To display the required data, select the appropriate Product name and Version number from the dropdown lists. If required, export the report to Microsoft Excel ®</p> <p>.</p>
Show Update Info	<p>Display information on available updates.</p> <p></p> <p>To display the required data, select the appropriate Product name and Version number from the dropdown lists. If required, export the report to Microsoft Excel ®</p> <p>.</p>

Top 20 Used Graphics Cards	Display a bar chart showing the percentage numbers of the top 20 graphic cards used by the supported 3D Systems products worldwide. For example:																																										
	 <table border="1"> <thead> <tr> <th>Graphic Card</th> <th>Percentage (%)</th> </tr> </thead> <tbody> <tr><td>NVIDIA Quadro 2000</td><td>10</td></tr> <tr><td>NVIDIA Quadro FX 1800</td><td>6.8</td></tr> <tr><td>NVIDIA Quadro 600</td><td>6.42</td></tr> <tr><td>NVIDIA Quadro FX 580</td><td>5.39</td></tr> <tr><td>NVIDIA Quadro FX 1700</td><td>5.31</td></tr> <tr><td>NVIDIA Quadro 4000</td><td>4.31</td></tr> <tr><td>NVIDIA Quadro FX 1500</td><td>3.24</td></tr> <tr><td>NVIDIA Quadro FX 570</td><td>2.37</td></tr> <tr><td>NVIDIA Quadro FX 3800</td><td>2.04</td></tr> <tr><td>NVIDIA Quadro FX 3450/4000 SDI</td><td>1.67</td></tr> <tr><td>NVIDIA Quadro FX 3500</td><td>1.67</td></tr> <tr><td>NVIDIA Quadro FX 1400</td><td>1.63</td></tr> <tr><td>NVIDIA GeForce GTX 560 Ti</td><td>1.5</td></tr> <tr><td>NVIDIA GeForce 8500 GT</td><td>1.45</td></tr> <tr><td>NVIDIA GeForce 9600 GT</td><td>1.26</td></tr> <tr><td>NVIDIA GeForce 9800 GT</td><td>1.25</td></tr> <tr><td>NVIDIA Quadro FX 560</td><td>1.22</td></tr> <tr><td>NVIDIA GeForce 210</td><td>1.12</td></tr> <tr><td>NVIDIA Quadro FX 4600</td><td>1.1</td></tr> <tr><td>NVIDIA GeForce 9500 GT</td><td>1.04</td></tr> </tbody> </table>	Graphic Card	Percentage (%)	NVIDIA Quadro 2000	10	NVIDIA Quadro FX 1800	6.8	NVIDIA Quadro 600	6.42	NVIDIA Quadro FX 580	5.39	NVIDIA Quadro FX 1700	5.31	NVIDIA Quadro 4000	4.31	NVIDIA Quadro FX 1500	3.24	NVIDIA Quadro FX 570	2.37	NVIDIA Quadro FX 3800	2.04	NVIDIA Quadro FX 3450/4000 SDI	1.67	NVIDIA Quadro FX 3500	1.67	NVIDIA Quadro FX 1400	1.63	NVIDIA GeForce GTX 560 Ti	1.5	NVIDIA GeForce 8500 GT	1.45	NVIDIA GeForce 9600 GT	1.26	NVIDIA GeForce 9800 GT	1.25	NVIDIA Quadro FX 560	1.22	NVIDIA GeForce 210	1.12	NVIDIA Quadro FX 4600	1.1	NVIDIA GeForce 9500 GT	1.04
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List of Supported Graphic Cards	Display the list of supported graphics cards.																																										
IT Tips	Display a list of IT Tips to help solve common issues.																																										

Help

Display Help-related information.

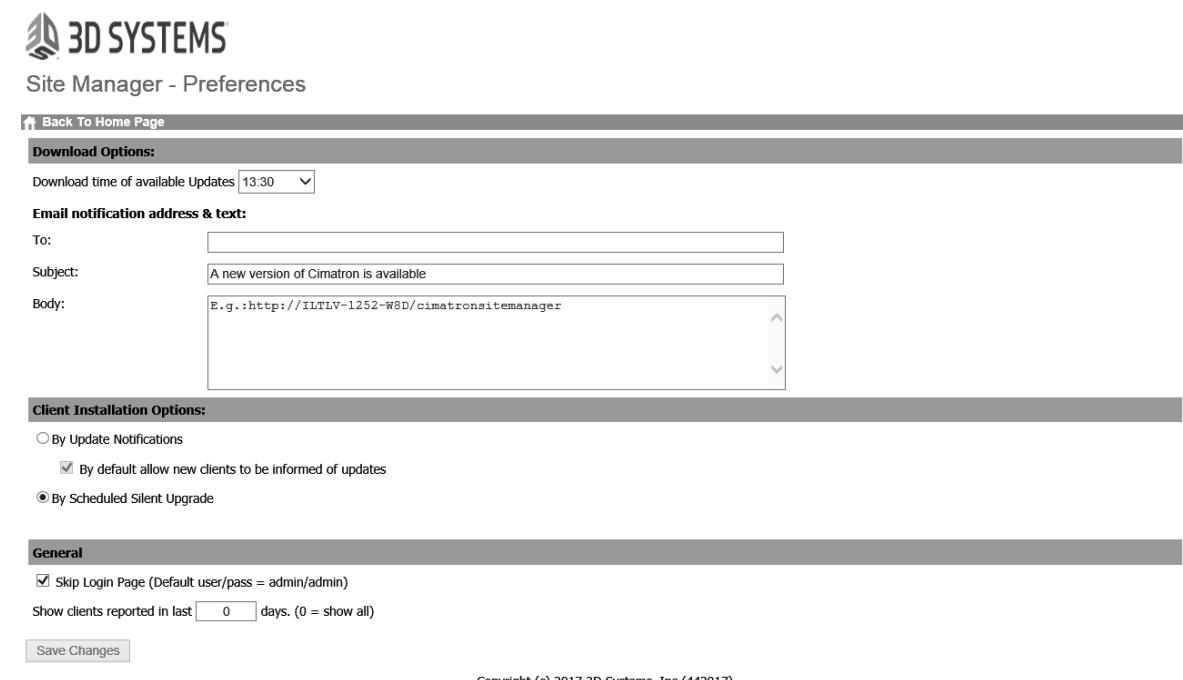
About	Display information about the Site Manager (version number, etc.).
Online Help	Display the Site Manager Online Help.

Logout

Logout of the Site Manager. The **Logout** option is only available if the **Skip Login Page** option is unselected in the **Scheduler Service** dialog. See page 20.

Scheduler Service (Preferences) Dialog

The **Scheduler Service** dialog is displayed when you select the menu option **Manage > Preferences**. This dialog enables you to set download, installation and general options.



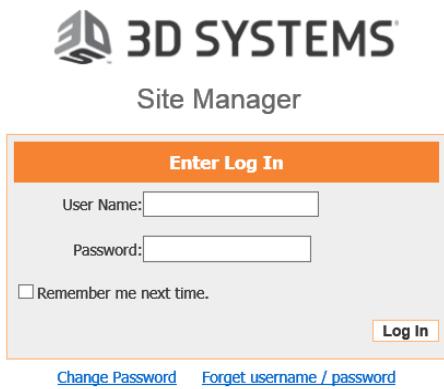
The screenshot shows the 'Site Manager - Preferences' dialog with the 'Scheduler Service' tab selected. The 'Download Options:' section includes a dropdown for 'Download time of available Updates' set to '13:30'. The 'Email notification address & text:' section contains fields for 'To:', 'Subject:' (set to 'A new version of Cimatron is available'), and 'Body:' (containing the placeholder 'E.g.:http://ILTLV-1252-W8D/cimatronsitemanager'). The 'Client Installation Options:' section includes radio buttons for 'By Update Notifications' (unchecked), 'By default allow new clients to be informed of updates' (checked), and 'By Scheduled Silent Upgrade' (unchecked). The 'General' section includes a checked checkbox for 'Skip Login Page (Default user/pass = admin/admin)' and a field for 'Show clients reported in last [0] days. (0 = show all)'. A 'Save Changes' button is at the bottom.

See the dialog options below.

Dialog Options

The following options are displayed:

Download time of available Updates	Schedule checks for software updates and for downloading files. Every 24 hours, the scheduler service will automatically check for available updates for each client PC. If a newer version is available and was not already (manually) downloaded, then the download starts. When the download is completed, the service does the following, based on user settings: <ul style="list-style-type: none"> • Starts the Site Manager application. • Sends a notification Email to a pre-defined address – see below. The text is localized by the local 3D Systems vendor.
Email notification address & text	A notification Email for the Administrator can be defined. This Email is sent whenever a new update is available. The default Email text is localized by the local 3D Systems vendor, however, the Administrator can change the text as required.
By Update Notifications	Approve clients to receive Update notifications. If this option is selected, the Allow Install column is displayed in the main dialog (instead of the Approved for Silent column). See page 12. If this option is selected, the checkbox option below is selected by default. By default allow new clients to be informed of updates: This default setting for all new client PCs, automatically checks the Allow Install checkbox (in the main dialog) for the newly added client. This enables new clients to receive notifications of available updates. See page 12.
By Scheduled Silent Upgrade	Approve clients for scheduled silent upgrades. Silent upgrades are upgrades that do not require any user actions to complete an installation (they are automatically installed at the next scheduled time). If the client is connected to the Site Manager and a specified upgrade is available, the upgrade is installed in silent mode. If this option is selected, the following occurs: <ol style="list-style-type: none"> 1. The Approved for Silent column is displayed in the main dialog (instead of the Allow Install column). See page 12. 2. The menu option Manage > Silent Installation Management is available. This menu option displays the Silent Installation Management dialog. See page 23.

Skip Login Page	<p>Skip the login dialog when invoking the Site Manager. This allows the Site Manager to automatically be displayed when it is invoked. This checkbox is <i>selected</i> by default.</p> <p>If the checkbox is unchecked, the following login dialog is displayed first and, upon correct data entry, the Site Manager is displayed:</p>  <p>The dialog box shows the 3D SYSTEMS logo and "Site Manager". It has an "Enter Log In" header, two input fields for "User Name" and "Password", a "Remember me next time." checkbox, a "Log In" button, and links for "Change Password" and "Forget username / password".</p> <p>To reset the password you need to delete the file sitemanager.xml and then restart your PC. The user name and password are then reset to their default values: Admin/Admin.</p> <p>Note that all manual settings and edits will be also set back to their default values.</p>
Don't show clients that didn't report after	<p>Ignore Network type client PCs that have been inactive for the set number of days. In this case, after the required period, inactive client PCs do not appear in the list and updates are not downloaded.</p> <p>To display all client PCs, irrespective of their active status, enter 0 in the field.</p>

Silent Installation Management Dialog

The **Silent Installation Management** dialog is displayed when you select the menu option Manage > Silent Installation Management. This dialog enables the administrator to ‘approve’ and schedule specific updates to be silently installed on selected clients.

Client PCs that have updates approved for silent installation are shown on the main dialog under the ‘Approved for Silent’ column. See page 12 for example main dialogs.

If the silent installation encounters locked files on the client PC, the client PC is rebooted and the silent installation is performed. Any unsaved files on the client PC will be closed without saving.



Note: The **Silent Installation Management** menu option is only available if the **By Scheduled Silent Upgrade** option is selected in the **Scheduler Service** dialog; see page 20.

Approve for Silent Installation	PC Name	Product Name	32/64	Current Version	Already Approved for Silent
<input checked="" type="checkbox"/>	ILTLV-202-W7D	Cimatron	x64	13.0 SP3 P1	13.0 SP3 P2

For client PCs to appear on this list, they must meet both the following criteria:

1. Their ‘Ready Version’ (the next service pack or update for the client PC’s current version) \geq the selected ‘Update Version’ (from the dropdown list in this dialog).
2. Their ‘Current Version’ $<$ the selected ‘Update Version’.

The administrator can decide which version to approve for a specific PC. The administrator can select any version between the ‘Current Version’ and the ‘Ready Version’.

The **Apply Changes** button updates the **Silent Installation Management** dialog and also the ‘Approved for Silent’ column in the main dialog. See page 12 for example main dialogs.

Dialog Menu Options

The following menu options appear at the top of the Silent Installation Management dialog:

Back To Home Page	Return back to the main dialog (the dialog that was displayed before invoking the Silent Installation Management dialog).
Update Log	<p>Open a dialog showing a list of recorded silent installations for approved clients.</p> <p>For each client PC, the start and end time of the installation is displayed. Any problems encountered during the installation (aborts, etc) are also displayed.</p>

Dialog Dropdown boxes

The following dropdown lists appear at the top of the Silent Installation Management dialog:

Product	A list of the installed 3D Systems products.
Major Version	A list of the major version releases. The latest major version is selected by default.
Update Version	A list of all the updates that have already been downloaded to the Site Manager. The latest update is selected by default.

Dialog Table

The Silent Installation Management dialog table contains the following columns:

Approve for Silent Installation	Checkbox to approve a silent installation of the update.
PC Name	The client PC name.
Product Name	The 3D Systems product which is to be updated.
32/64	The type of product installed on the client PC; 32 or 64-bit installation. There may be two entries for the same PC, if it has both the 32-bit and the 64-bit versions installed. .
Current version	The product version currently installed on the client PC.
Already Approved for Silent	<p>The product version that has already been approved for silent installation.</p> <p>The version number is displayed in GREEN if it is the same as the 'Update Version' appearing in the dropdown list at the top of the dialog; otherwise it will be displayed in BLACK.</p>

Site Manager Operating Modes – On-Line and Off-Line

The 3D Systems Site Manager includes support for **On-Line** as well as **Off-Line** computers.

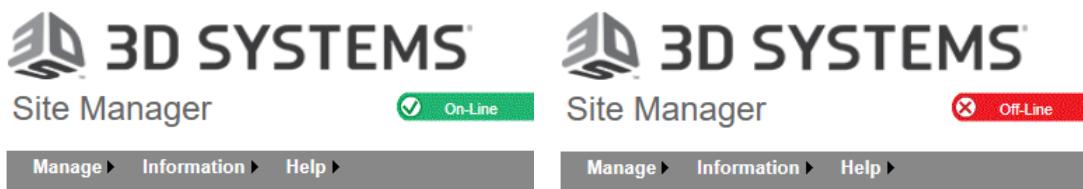
On-Line Mode: The Site Manager is connected to the internet and receives update notifications of a software update. Download and distribute it to the (on-site) connected 3DXpert seats.

Off-Line Mode: The Site Manager is NOT connected to the internet, so it does NOT receive update notifications from the internet and does NOT download the update setup files. However, if an update setup file is manually ‘shared’ (see below), then the Site Manager distributes it to the (on-site) connected 3DXpert seats.

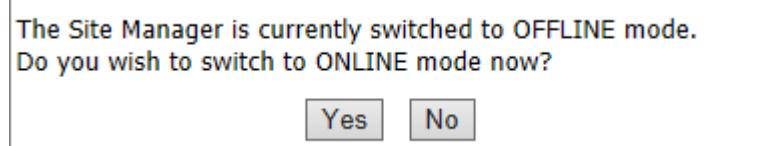
The On-Line and Off-Line symbols are displayed as follows:



These symbols appear in the Site Manager as shown below.



When launching the Site Manager for the first time, the following message pops up:



To enable the Site Manager to automatically detect and download the updates (**On-Line** mode), click **Yes**. Once running, you can toggle between the two modes, by clicking the On-Line/Off-Line symbol.

Manually Shared Updates

To share the setup file, an alternative download method is available.

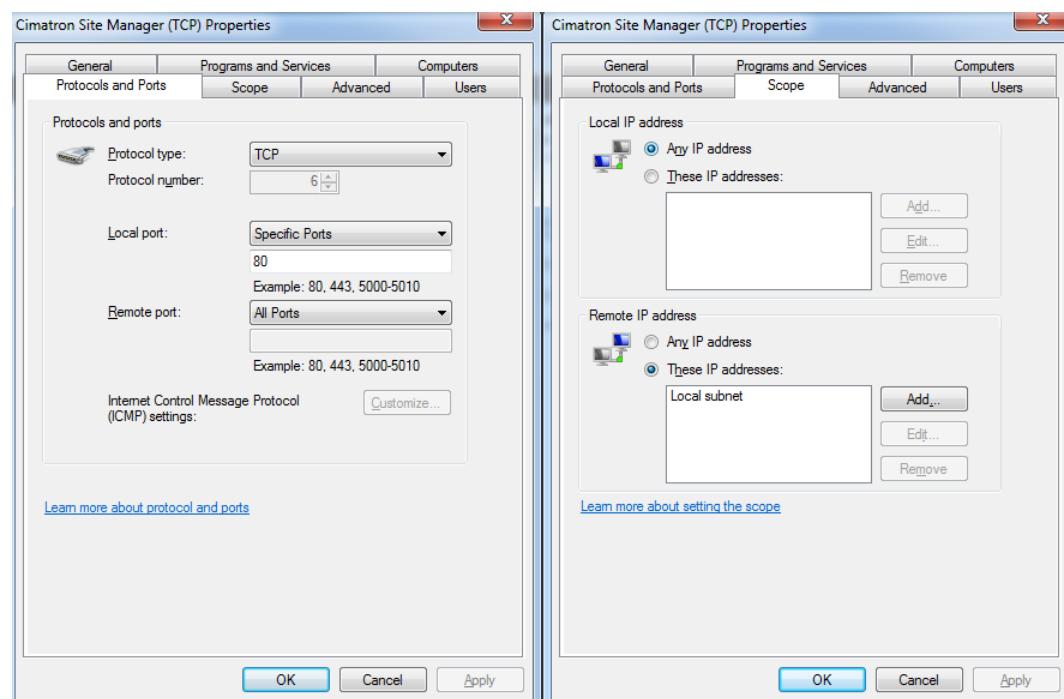
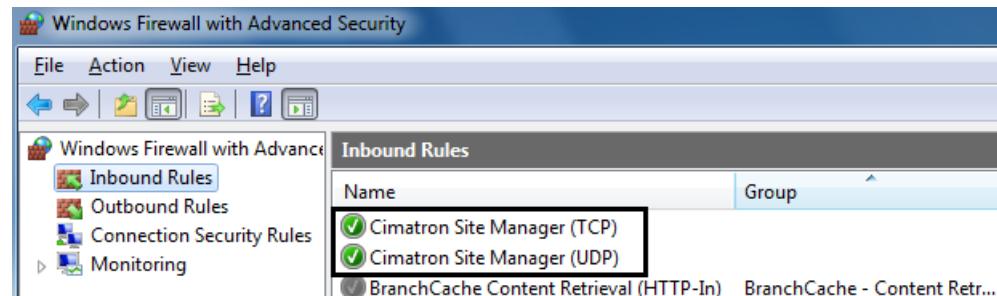
This enables you to download the update installation setup file to any PC which is connected to the internet, and then place it on the Site Manager’s share folder.

Once in the share folder, the Site Manager distributes it to the (on-site) connected 3DXpert seats.

For additional information, contact your 3D Systems Reseller.

Appendix A: Firewall Settings

The following rules appear in the firewall:



* The UDP protocol inbound rule local port, should stay empty (open for all ports).

