

IntelliSpace Portal

Client Software Upgrade and Installation Instructions

v 6.0.1



This document and the information contained in it is proprietary and confidential information of Philips Healthcare ("Philips") and may not be reproduced, copied in whole or in part, adapted, modified, disclosed to others, or disseminated without the prior written permission of the Philips Legal Department. Use of this document and the information contained in it is strictly reserved for current Philips personnel and Philips customers who have a current and valid license from Philips for use by the customer's designated in-house service employee on equipment located at the customer's designated site. Use of this document by unauthorized persons is strictly prohibited. Report violation of these requirements to the Philips Legal Department. This document must be returned to Philips when the user is no longer licensed and in any event upon Philips' first written request.

This document is intended to be (a.) used by customers and is licensed to them as part of their Philips equipment purchase or (b.) used to meet regulatory commitments as required by the FDA under 21 CFR 1020.30 (and any amendments to it) and other local regulatory requirements. Use of this document by unauthorized persons is strictly prohibited.

Safety and Legal Information

To the User of This Manual

The user of this manual is directed to read and carefully review the instructions, warnings and cautions contained herein prior to beginning installation or service activities. While you may have previously installed or serviced equipment similar to that described in this manual, changes in design, manufacture or procedure may have occurred which significantly affect the present installation or service.

Warranty Disclaimer

Philips provides this document without warranty of any kind, implied or expressed, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Limitation of Liability

Philips has taken care to ensure the accuracy of this document. However, Philips assumes no liability for errors or omissions and reserves the right to make changes without further notice to any products herein to improve reliability, function, or design. Philips may make improvements or changes in the product(s) or program(s) described in this document at any time.

Password Notice

The PASSWORD is the property of Philips Healthcare and is provided for the exclusive purpose of providing access to selected service utilities which are described in this service manual as being associated with the password. Use of this password for any purpose other than for the access to the selected services utilities is strictly prohibited.

Safety



WARNING In addition to the warnings listed above, follow all safety guidelines as described in the Safety Manual. Failure to do so can result in severe personal injury.

Diagnostic Imaging Systems - Mechanical-electrical Warning



WARNING Before initiating a movement of the patient table or gantry, ensure that the area is free of obstructions such as tools, boxes, chairs, and step stools. Physical injury or damage can occur.

Only properly trained and qualified personnel should be permitted access to any internal parts. Live electrical terminals are deadly; be sure line disconnects are opened and other appropriate precautions are taken before opening access doors, removing enclosure panels, or attaching accessories.

Prior to any service and maintenance activities inside components:

- Switch off the system at the main power supply, and the uninterruptible power supply (UPS).
- Make sure that no other person can switch on power or switch off any safety measures, when installation, maintenance or service work on the system is performed.
- Always use an ESD protection wrist strap when servicing any component in the system.

Electrical-grounding Instructions

The equipment must be grounded to an earth ground by a separate conductor. The neutral side of the line is not to be considered the earth ground. On equipment provided with a line cord, the equipment must be connected to a properly grounded, three-pin receptacle. Do not use a three-to-two pin adapter.

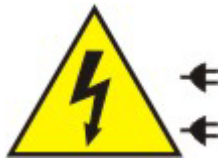
Symbol Descriptions



Attention symbol



Electrical warning symbol



This system has more than one power supply. To reduce the risk of electrical shock, a trained service technician must disconnect all power supply cables before servicing the system.



Recycle Label

Dispose of in accordance with your country's requirements. This label indicates that there is material in the system that you must separately collect and recycle in accordance with the requirements of the European Waste Electrical Equipment (WEEE) Directive.

Data Security

Philips Healthcare is dedicated to helping you maintain the confidentiality, integrity, and availability of electronic protected health information and the hardware and software products that create and manage these data.

Maintaining security of Philips Healthcare' products should be an important part of the security-in-depth strategy for your facility. You should implement a comprehensive, multi-layered strategy (including policies, processes, and technologies) to protect information and systems from external and internal threats. Your security strategy should follow industry standard practices, addressing physical security, personnel security, procedural security, risk management, security policies, and contingency planning.

The practical implementation of technical security elements varies by site and may employ a number of technologies, including firewalls, virus scanning software, authentication technologies, etc. As with any computer based system, protection must be provided such that firewalls and/or other security devices are in place between the medical system and any externally accessible systems. These perimeter and network defenses are essential to good security practice.

This chapter provides guidelines to help the operator and owner understand the possible ways security can be compromised, and then insure that safeguards are in place to prevent this from happening. For specific information about security within their institutions, operators and owners can consult with the following offices at their location:

- Information Systems Security Officer
- Chief Information Officer
- HIPAA Officer (in the U.S.A.)
- Safety Officer

Regulatory Control

Protecting Patient's Health Information

One of the most important assets to protect with security measures is the patient's health-related information.

Many governments require maintaining the confidentiality of this information. Therefore, strict security measures must be taken to guard this information.

(Users in the U.S.A. may find guidelines at <http://www.hhs.gov/ocr/hipaa>).

Philips Healthcare only sells highly complex medical devices and systems. This complexity prevents unauthorized device modification. We are required to follow government-regulated quality assurance procedures to verify and validate modifications to the operation of our medical devices.

Operators and owners of this medical equipment must permit only Philips-authorized changes to be made to these systems, either by Philips' personnel or under Philips' explicit published direction.

Contents

Section 1 Overview:	9
1.1 Uninstall the Existing Client	9
1.2 Prerequisites	9
1.2.1 Minimum Requirements for the Client Computer	10
1.3 Time, Manpower and Main Steps	14
Section 2 Preinstallation:	15
2.1 Checking Internet Security Settings	15
2.2 Checking the Minimum Requirements	17
2.2.1 Option 1: Web (Recommended)	17
2.3 Removing Brilliance Workspace Portal v2.6.X	19
2.3.1 If Uninstall of the Brilliance Workspace Client Fails	19
2.4 Installing the .NET 4.0 Framework	20
2.4.1 Downloading the .NET 4.0 Framework Installer from the Internet	20
2.4.2 Installing .NET Framework 4	21
Section 3 Installing and Upgrading the ISP Client Software:	25
3.1 Auto-Upgrade the Client from v4.0.x/v5.0.x	26
3.2 Installing the Client Using the Web Installer	29
3.2.1 Installing the Extended NM Applications	35
3.2.2 Installing the Ultrasound Applications	40
Section 4 Running the ISP Client for the First Time:	43
4.1 Where to Go Next	50

Appendix A Setting Up Multiple Monitors at the Client: 51

Appendix B Identifying the Type of Client Installation: 54

Appendix C Removing Old Versions of IntelliSpace Portal Client: 55

Section 1

Overview

This document describes how to install the IntelliSpace Portal (ISP) client or how to upgrade an existing (older) IntelliSpace Portal client to the new client software version.

When the ISP client software is installed on any computer in the hospital network, the user can connect to the ISP server. The ISP server uses a graphical interface to retrieve, manage, and generate images for transmission to the ISP client. The client uses a graphical interface to display those images.

With Hospital IT, perform:

- 1 client installation from the web server
- 1 client installation via upgrade to an existing server on site

1.1 Uninstall the Existing Client

You will need to first uninstall the existing client when:

- You are upgrading from the Extended Brilliance Workspace Portal v2.6.x to IntelliSpace Portal (for more information, see [Removing Brilliance Workspace Portal v2.6.X](#) on page 19.
- The existing client installation is newer than the client installation you intend to install.



WARNING: Comply with all of the safety procedures in the Safety User Guide.

1.2 Prerequisites

- IntelliSpace Portal server software is already installed on the IntelliSpace Portal server.

- It is recommended that the installation be performed by a user with administrator privileges. Otherwise the client will not be available to other users of the computer. Fill in the following table.



Note: *If you are planning to integrate iSite, Sectra or MDC PACS, refer to the IntelliSpace Portal PACS Integration manual (P/N 4598 002 29291) available on InCenter.*



IMPORTANT: .Net 4.0 Framework is a **mandatory** prerequisite for installation of a new client or for auto upgrade.

Table 1: IntelliSpace Portal Login Information

Administrator name:	
Administrator password:	
ISP Server IP address:	

1.2.1 Minimum Requirements for the Client Computer

The minimum requirements specifications are the estimated minimal specifications required to run the IntelliSpace Portal client. If your computer has less than the “minimum requirements,” you will not be able to correctly install or use the IntelliSpace Portal client.

Actual requirements will vary based on the IntelliSpace Portal application you run and other software applications you run on the system in parallel with the IntelliSpace Portal client (e.g. PACS/RIS client, Dictation software, etc.).

For optimal performance of IntelliSpace Portal client and typically on clients where additional applications are expected to run in parallel to the IntelliSpace Portal client itself (e.g. PACS/RIS Client, Dictation software etc.), clients are required to be equipped with stronger hardware specifications beyond the minimum specifications (RAM and Processor) to allow optimal performance of IntelliSpace Portal client in parallel to other software applications running on the client system.

Memory

Minimum Memory (RAM): 2GB RAM

Minimum Memory (RAM) for NM Apps and/or when other applications are running in parallel (e.g. PACS clients): 4 GB RAM

Recommended: 4 GB RAM or above

Processor

Minimum Processor (CPU): Intel Core 2 Duo 1.8 GHz/Intel Quad core 1.6 GHz/AMD Athlon 64 1.8 GHz

Minimum Processor (CPU) for NM Apps and/or when other applications are running in parallel (e.g. PACS clients): Intel Core 2 Quad 2.4 GHz / AMD Phenom II X3 Triple core 2.8 GHz

Recommended: Intel Core 2 Quad 2.4 GHz / AMD Phenom II X3 Triple core 2.8 GHz – or equivalents/higher

Hard Drive

Minimum Free Disk Space*: 3 GB or above (on Drive C).

* Additional 5 GB of free disk space are required to burn DVD.

Monitor

Minimum Screen Resolution: 1024x768.

Recommended: 1280x1024 (or above)

Minimum Screen Resolution for NM Apps:

- 1280x1024 (or above)
- Up to 3 Mega Pixels monitors are supported.
- 96DPI
- 24bpp (or higher) color depth monitors
- No support for monochrome or grayscale-monitors

* Multi monitor support requires adequate support of client display card and driver

Network and Bandwidth

Minimum Network Adapter Speed: 100 Mbit/s or above

LAN Network Bandwidth: 100 Mbit/s or above

Recommended: 1Gb LAN or above

Home Connection (WAN) Bandwidth / Latency

Network Bandwidth and Latency: 5 Mbit/s or above download speed, 512Kbit/s or above upload speed, with latency <20ms

Network Bandwidth and Latency for NM Applications: 10 Mbit/s or above download speed, 1Mbit/s upload speed with latency < 10ms

Network Bandwidth/Latency for NM Third Party Applications (AutoQuant, Corridor4DM, ECTb, NeuroQ): 100 Mbps download/10 Mbps upload with <10ms latency

Supported Client Operating Systems

- Microsoft Windows XP SP3 (32 and 64 bit)
- Microsoft Windows Vista (32 and 64 bit)
- Microsoft Windows 7 (32 and 64 bit)
- Microsoft Windows 8 (32 and 64 bit)



Note: *Third-party NM and Ultrasound (US) QLab applications are not supported by Microsoft Windows 8 and Vista operating systems.*

Display

Table 2: Display Requirements

Operating System	Minimum Requirements
Microsoft Windows XP	On the Control Panel, click Display and set the following values: • Appearance: Set Font Size to Normal • Settings > Advanced: Set DPI to Normal Size (96 DPI)
Microsoft Windows Vista/7	On the Control Panel, click Display and set the following value: • Set Make it easier to read what's on your screen to Smaller (100%)
Microsoft Windows 8	On the Control Panel, click Display and set the following value: • Set Change the size of all items to Smaller (100%) • In the Change only the text size field, all values should be the default (as follows) • Title Bars: 11 • Menus: 9 • Message Boxes: 9 • Palette Titles: 11 • Icons: 9 • Tool tips: 9

Software Prerequisites

(Mandatory) .Net Framework 4



IMPORTANT: .Net Framework is a **mandatory** prerequisite for installation of a new client or for auto-upgrade.

Additional Software Recommended (for Optional Features)

- Adobe Acrobat Reader [for Report & Help]
- Adobe Flash Player [for On-line Web Trainings]
- Windows Media Player 9.0 or above [for saving Movies]
- IMAPIv2 (for burning CD/DVD)

1.3 Time, Manpower and Main Steps

Table 3: Estimated Time and Manpower

Operation	Estimated Time	Service Engineers
Minimum Requirements for the Client Computer on page 10	5	1
Preinstallation on page 15	5	1
Installing and Upgrading the ISP Client Software on page 25	5	1
Running the ISP Client for the First Time on page 43	5	1
Total	20 Minutes	1



Note: ~~If you are upgrading the client from v4.0.X, it takes less than 5 minutes.~~

Section 2

Preinstallation

2.1 Checking Internet Security Settings

1. Launch Windows **Internet Explorer**.
2. On the **Tools** menu, select **Internet Options**.
Internet Options opens.
3. Select the **Security** tab.
4. On the *Security* tab, select **Trusted sites** and click **Sites**.

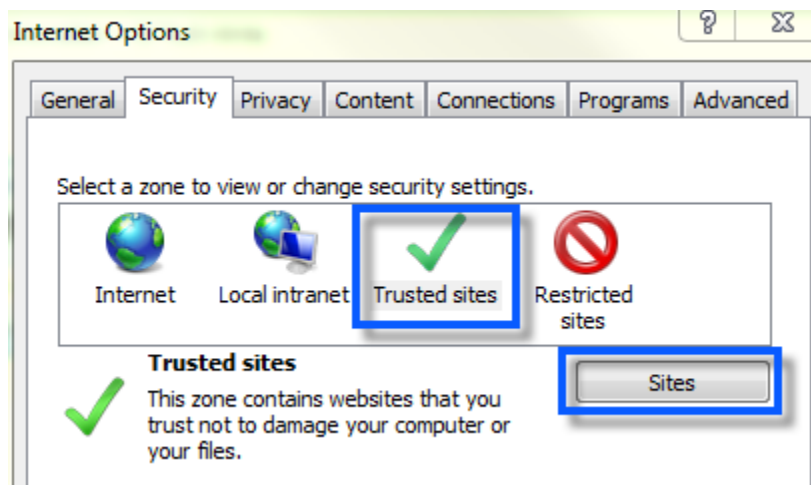


Figure 1: Security Tab in Internet Options

The *Trusted Sites* dialog box opens.

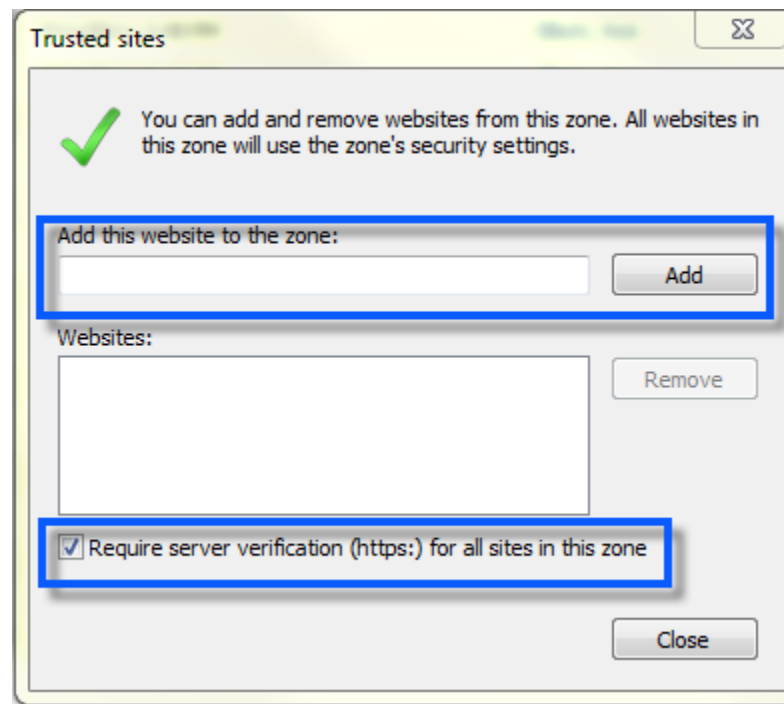


Figure 2: Trusted Sites

5. Deselect the **Require server verification (https:) for all sites in this zone** check box.
6. Under the *Add this website to the zone* heading, enter the IP Address of the IP Server and click **Add**.
7. Select the **Require server verification (https:) for all sites in this zone** check box.
8. When you see the IP Address of the ISP server appear in the list of websites, click **Close**.
9. Click **OK**.

2.2 Checking the Minimum Requirements



IMPORTANT: The Minimum Requirements tool will not work if .Net Framework 4 or above is not already installed on the client computer. It is recommended that Hospital IT download .Net 4 Framework from the Microsoft website. For the convenience of the FSE, this is also available on the **IntelliSpace Portal Minimum Requirements 46.0.1.105000 CD** (for more information, see [Installing the .NET 4.0 Framework](#) on page 20).

To check the minimum requirements on the IntelliSpace Portal client workstation:

- [Option 1: Web \(Recommended\)](#)

2.2.1 Option 1: Web (Recommended)

1. Launch **Internet Explorer** and navigate to <http://xxx.xx.xx.xxx> according to [Table 1](#), Portal Login Information, in [Prerequisites](#) on page 9.



Figure 3: Portal Home Screen

2. At the top of the page, click **Minimal Requirements**.

A message box opens, prompting you to run or to save the file, **PreRequisiteUISFX.exe**.

3. Click **Run**.

The Portal Minimal Requirements utility opens. The utility opens with a comparison of the system you are on with the minimal requirements for IntelliSpace Portal.

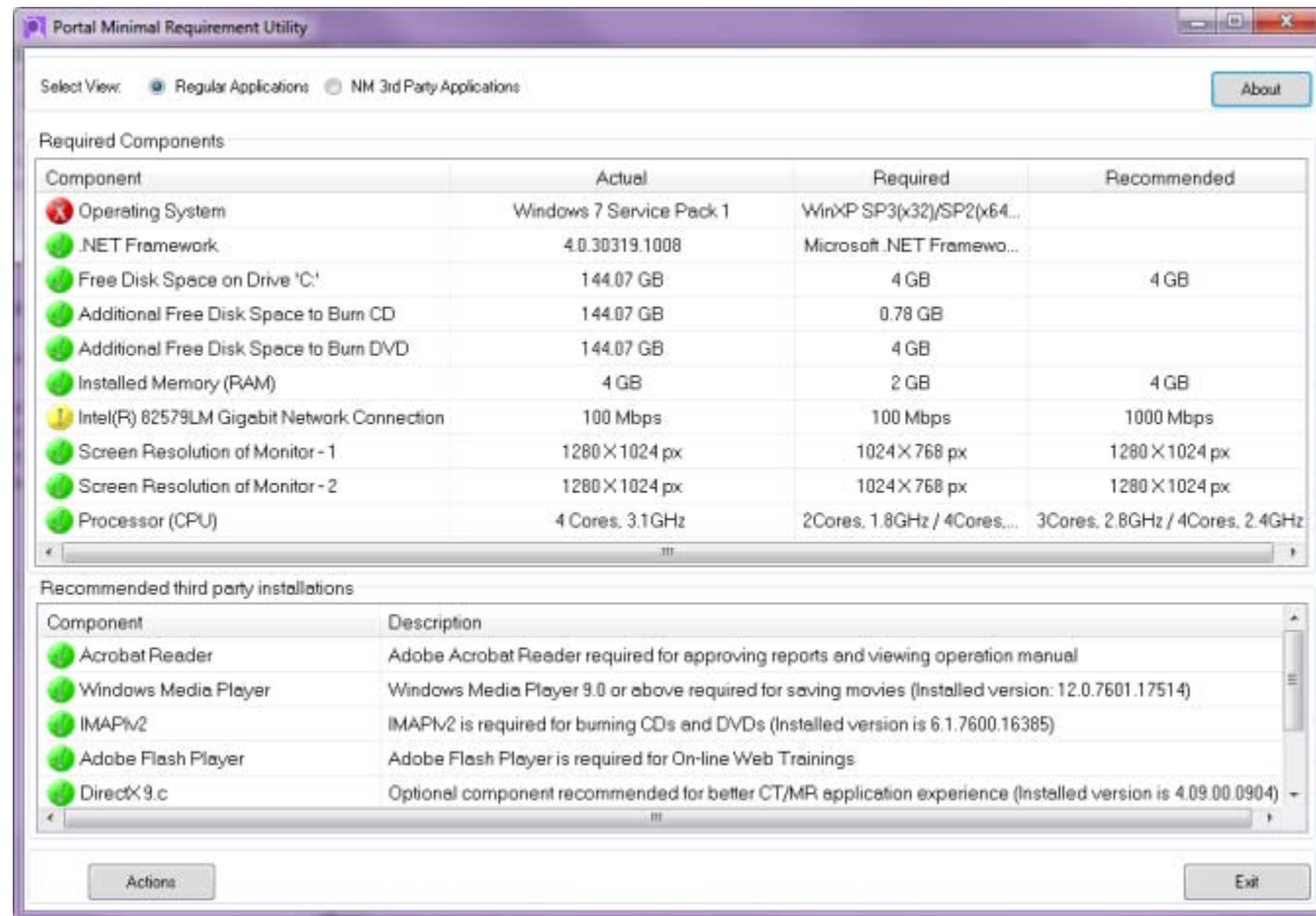


Figure 4: Portal Minimal Requirement Utility

4. Review to make sure the system is compliant.
5. Click **End**.

2.3 Removing Brilliance Workspace Portal v2.6.X



IMPORTANT: It is mandatory to first remove the Brilliance Workspace Portal v2.6.x client prior to installation of the IntelliSpace Portal v6 client.

Uninstall the Brilliance Workspace Portal v2.6.x client with either an Administrator User account or the User account of the individual who originally installed the client.

1. On the Windows Start menu, point to **Settings > Control Panel**.
2. On the Control Panel, click **Add/Remove Programs**.
3. In the list of installed programs, right-click **Brilliance_workspace_portal** and select **Uninstall**.
4. When the uninstall is finished, navigate to and delete the **PortalPMS** folder (C:\PortalPms).

2.3.1 If Uninstall of the Brilliance Workspace Client Fails

If uninstall of Brilliance Workspace Portal v2.6.x client fails, download and run the cleanup script.

1. Open an Internet Browser and go to the following URL:
http://<server-IP Address>/troubleshooting.htm
2. Next to the Cleanup Script, heading click the word '**here**'.

Cleanup Script

In case of errors during the client uninstall, Run Uninstall Utility from link below. Click **here** to run the utility.

Please note: These utility requires same user privileges used during installation

Warning: The removal procedure will delete all Portal files from the computer!

Figure 5: Run the Cleanup Script

The Cleanup Script runs and removes the Brilliance Workspace Client v2.6.x from the system on which the script was run.

TIP: If you need to remove an old version of the IntelliSpace Portal client, refer to [Removing Old Versions of IntelliSpace Portal Client](#) on page 55.

2.4 Installing the .NET 4.0 Framework

If .Net 4 Framework is not already installed on the IntelliSpace Portal client (that is, because Hospital IT forgot to do the installation), you can download the executable file from the **IntelliSpace Portal Minimum Requirement v6.0.1.10500 CD** and install the software yourself. However, it is recommended that Hospital IT download the .Net 4 Framework from the Microsoft website and install the software on the client computer as part of the prerequisites for the client installation.

2.4.1 Downloading the .NET 4.0 Framework Installer from the Internet

1. Open Internet Explorer and go to the following URL:

<http://www.microsoft.com/en-us/download/details.aspx?id=17851>

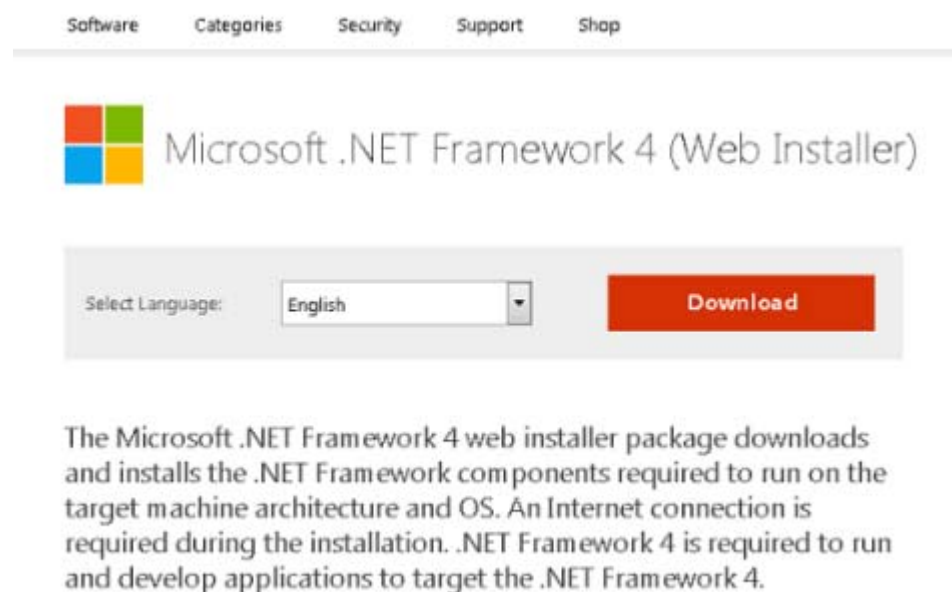


Figure 6: .NET Framework Download

2. Select the language for the installer and click **Download**.
3. Follow the on-screen instructions and save the file to your removable storage device.

4. Continue with [Installing the .NET 4.0 Framework](#) on page 20.

2.4.2 Installing .NET Framework 4

1. Double-click the installation file, **dotNetFx40_Full_setup.exe**.

The Open File - Security Warning dialog opens.

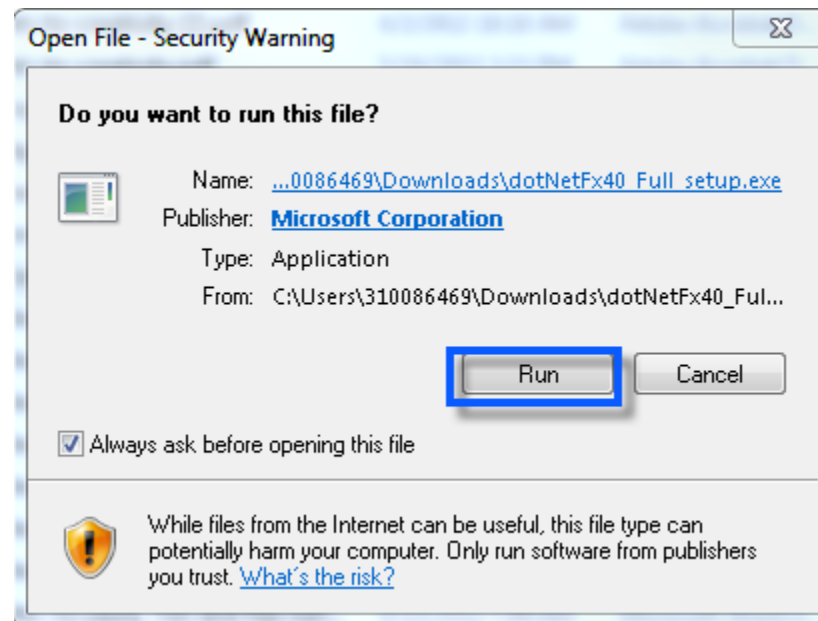


Figure 7: Open File - Security Warning

2. Click **Run**.

Files are extracted and the Microsoft .NET logo appears.



Figure 8: Microsoft .NET Logo

The Microsoft .NET Framework 4 Setup installation wizard opens.

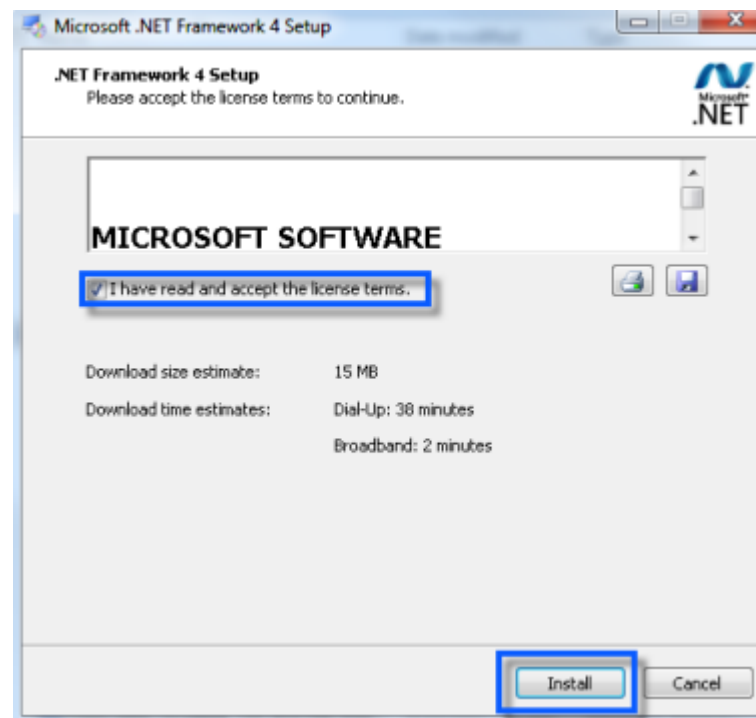


Figure 9: Microsoft .NET Framework 3 Setup Installation Wizard

3. Select the **I have read and accept the license terms** check box.
4. Click **Install**.

Installation begins. A set of progress bars appears updating you on the download and installation of relevant files.

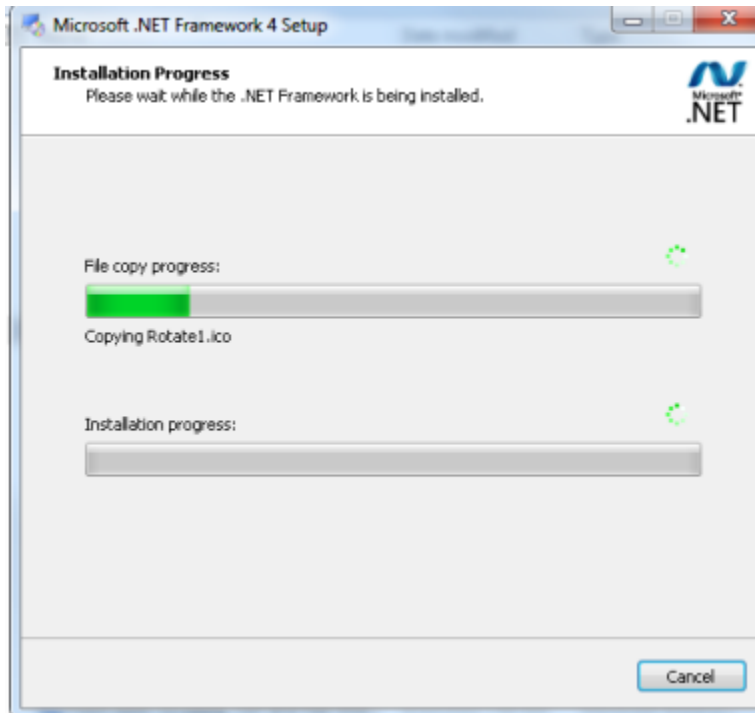


Figure 10: Progress Bars for Installation

The installation is complete page opens.

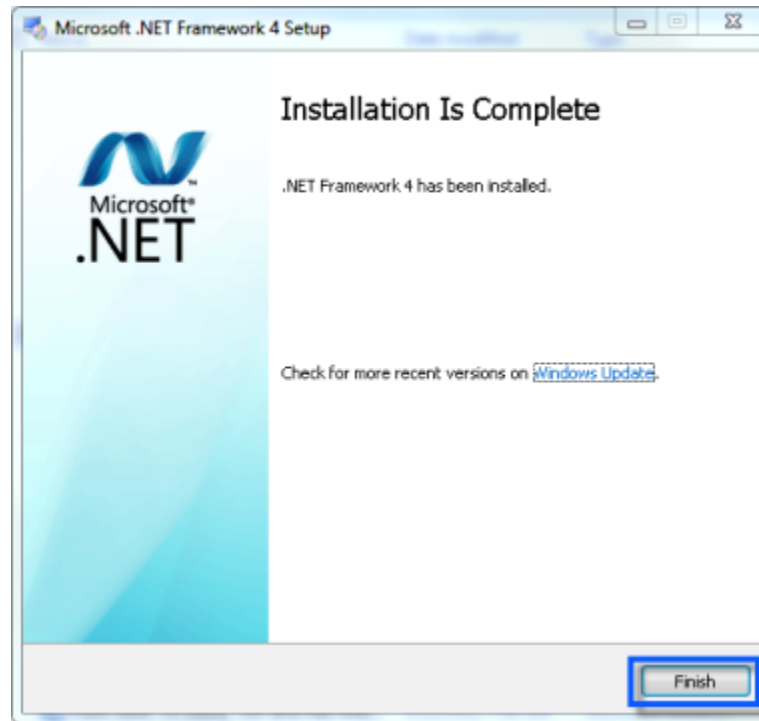


Figure 11: Installation Complete

Section 3

Installing and Upgrading the ISP Client Software

If you are installing the v6.0.1 client on a new workstation, then do the procedure in [Installing the Client Using the Web Installer](#) on page 29.

If you are upgrading an existing v4.0.x client, then refer to Auto-Upgrade the Client from v4.0.x/v5.0.x on page 26.

3.1 Auto-Upgrade the Client from v4.0.x / v5.0.x



IMPORTANT: The number of installed components included in auto-upgrade may vary according to the existing configuration of the client prior to the upgrade.

When the user logs onto a released v4.0.x/v5.0.x client, the client automatically upgrades to v6.0.1. Make sure that Hospital IT knows that:

- Integrated PACS Spectra and MDC IntelliSpace Portal clients, v4 or v5 must be uninstalled before the v6.0.1 IntelliSpace Portal client can be installed.
- .NET 4 Framework must be installed on the client computer before the auto-upgrade can begin (for more information, see [Installing the .NET 4.0 Framework](#) on page 20).
- For workstations with both the PACS plug-in and an existing ISP client, the user **must** launch the IntelliSpace Portal client from the Windows desktop (and not from the PACS plug-in).
- If the IntelliSpace Portal is launched from the PACS plug-in, the automatic upgrade will fail without notification. The user will not know why the upgrade did not work.

1. Log on to an ISP client as **admin**.

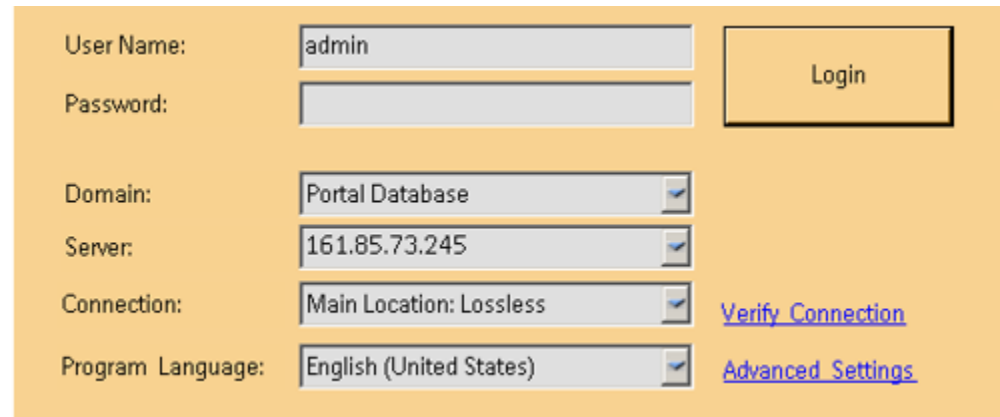
A logon form for the Portal Client. It has a yellow background. Fields include: User Name (admin), Password (empty), Domain (Portal Database), Server (161.85.73.245), Connection (Main Location: Lossless), and Program Language (English (United States)). There is a Login button, a Verify Connection link, and an Advanced Settings link.

Figure 12: Portal Client Logon

Once logged in, auto-upgrade begins immediately. Wait until the update is completed.

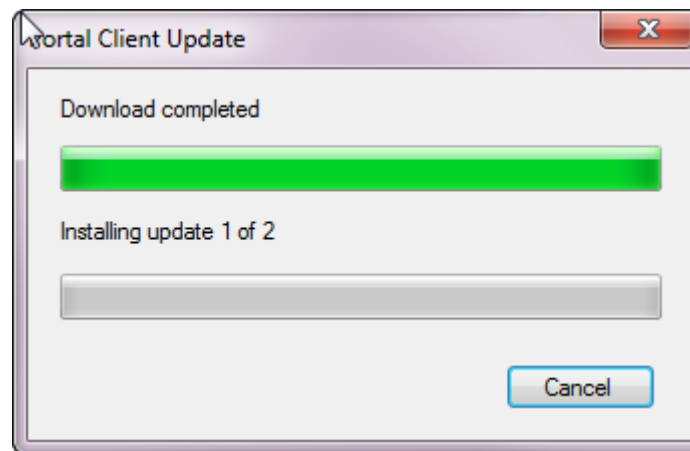


Figure 13: Portal Client Update

2. When the Log-on window reopens, log on as **admin**.
3. Click **Help** and make sure that the version was upgraded to v6.0.1.
4. If the client **does not** run NM Extended Application, skip to [On the Windows desktop, double-click the Philips IntelliSpace Portal icon.](#) on page 43.

5. If the client runs NM Extended Applications, from the Windows desktop, launch **Portal_ExtendedNMApps.msi**.



IMPORTANT: If the workstation has both the PACS plug-in and an existing IntelliSpace Portal client, you **must** launch the IntelliSpace Portal client from the Windows desktop (not from the PACS plug-in). If the IntelliSpace Portal client is launched from the PACS plug-in, the automatic upgrade will fail without notification. The user will not know why the upgrade did not work.

3.2 Installing the Client Using the Web Installer

When you install using the web installer, you first install the client and then, if needed, install the Extended NM and Ultrasound applications.

- [Installing the Extended NM Applications](#) on page 35
 - [Installing the Ultrasound Applications](#) on page 40
1. Launch **Internet Explorer** and navigate to *http://xxx.xxx.xxx.xxx* according to [Table 1](#), IntelliSpace Portal Login Information, in [Prerequisites](#) on page 9.

Table 4: [IP Addresses for Options](#)

<u>When you Install</u>	<u>Use the Following</u>
<u>ISP Client for EX Configuration</u>	<u>IP Address of the Master Server</u>
<u>ISP Client for the Collaboration Option</u>	<u>IP Address of the Master Server</u>
<u>High Availability Option</u>	<u>Your virtual IP Address</u>

The Portal Client Setup page opens.

Portal Client Setup

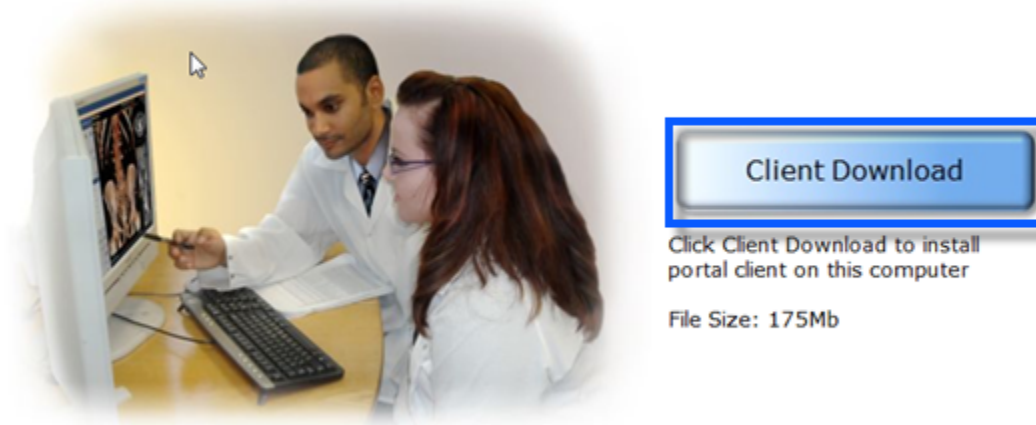


Figure 14: Client Installation Web Page

1. Click **Client Download**.

**IMPORTANT:**

The .NET Framework 4 must be installed before you install the client. If not already installed on the system, you will receive an error message. For more information on installing .NET 4, see [Installing the .NET 4.0 Framework](#) on page 20.

The Welcome screen opens and you are asked to wait.

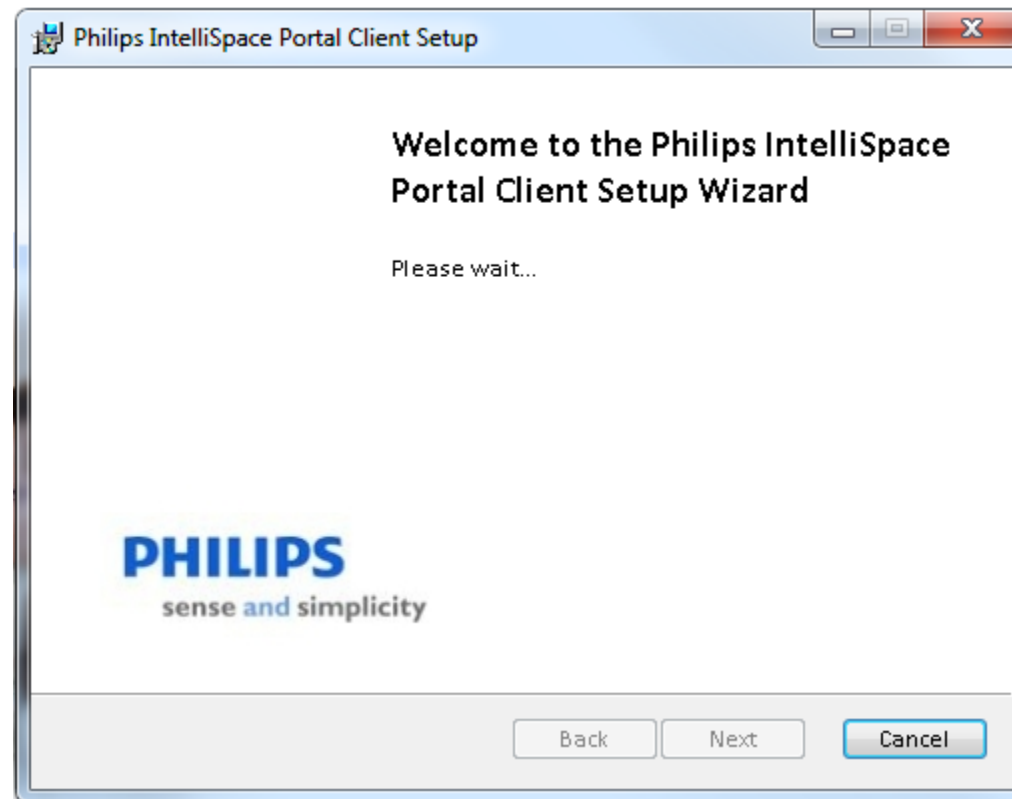


Figure 15: Welcome

Do nothing until the destination folder page opens. The location where the files will be installed is filled in as the default.

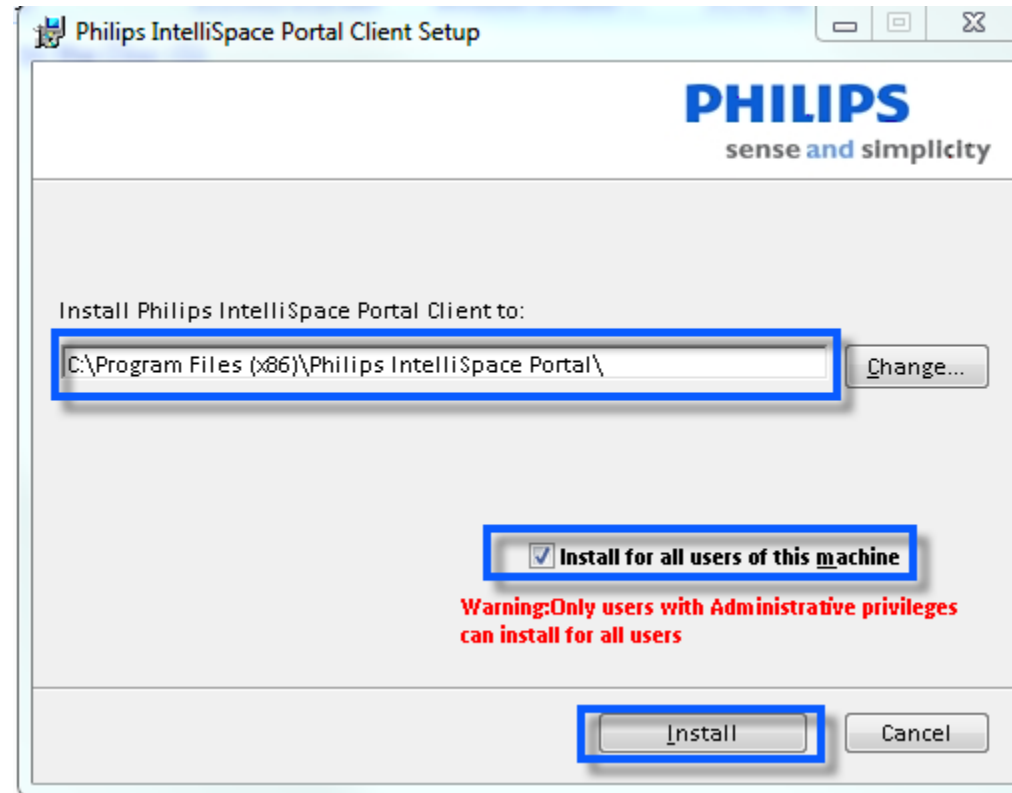


Figure 16: Destination Folder

2. If the user account has administrator privileges, select the **Install for all users of this machine** check box.
3. Click **Install**.

A progress bar appears and a number of actions are performed.

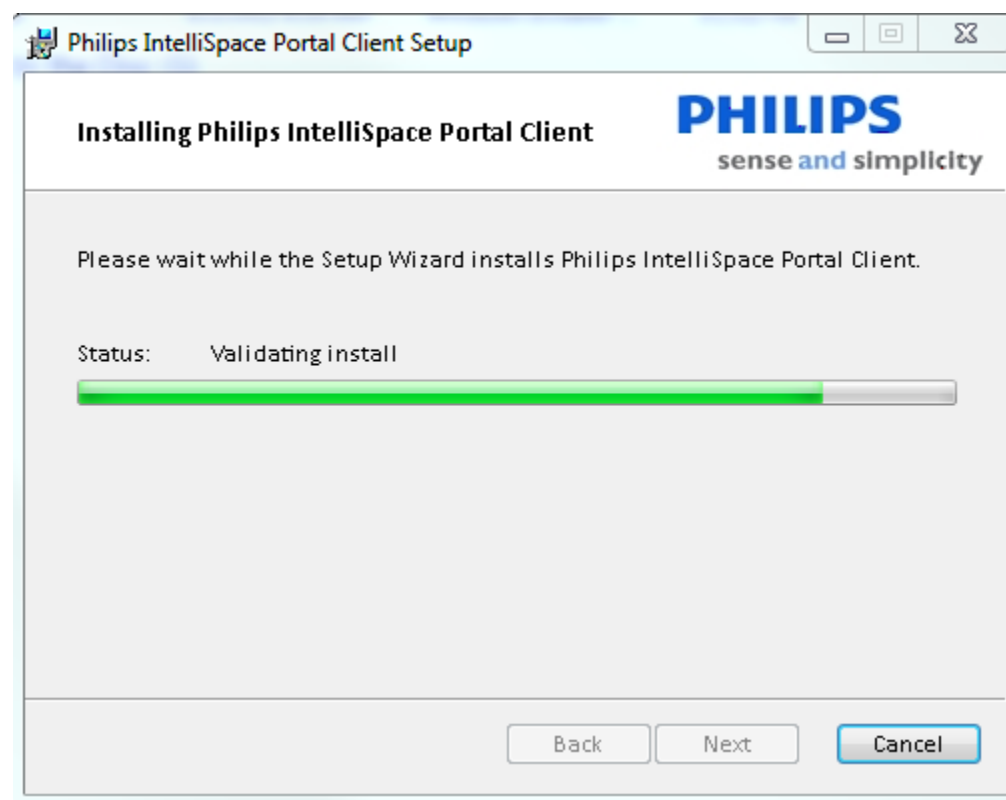


Figure 17: Progress Bar

Do nothing until you see the completion screen.

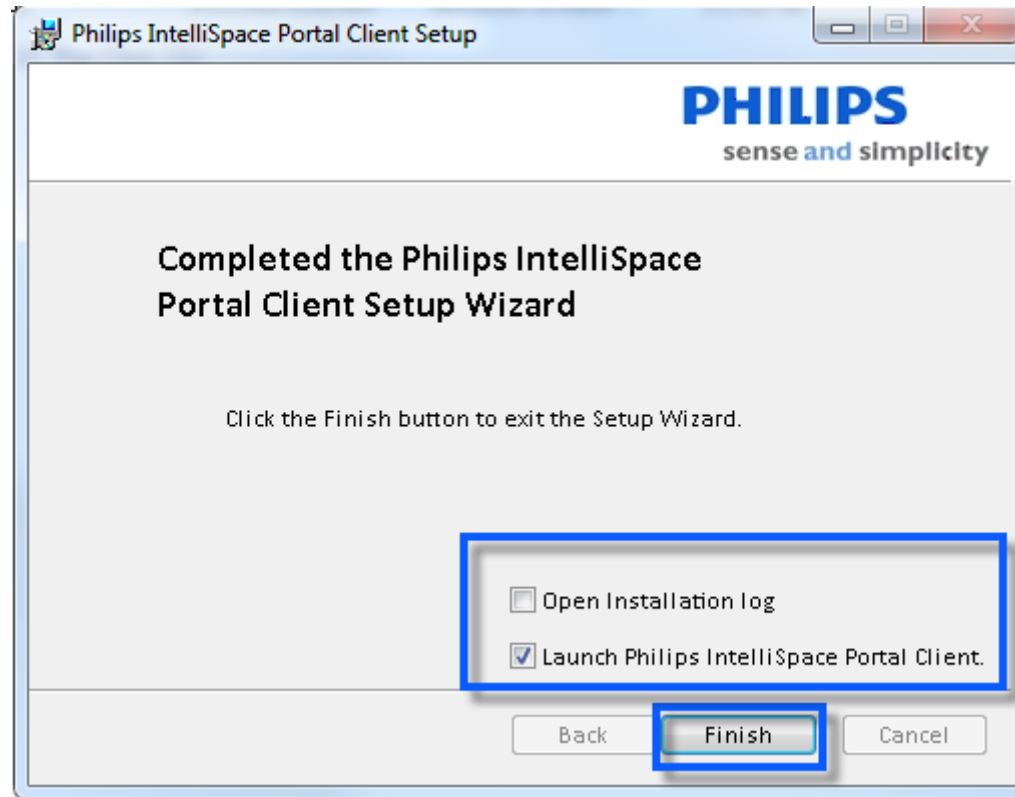


Figure 18: Installation Completion

4. You can:
 - Select the **Open Installation Log** check box to view information about the installation routine.
 - Select the **Launch Philips IntelliSpace Portal Client** check box to open IntelliSpace Portal immediately after you click **Finish**.
5. Click **Finish**.

The Installation wizard closes.
6. Make sure that the **Philips IntelliSpace Portal** icon was added to Windows desktop.



Figure 19: Philips IntelliSpace Portal icon

3.2.1 Installing the Extended NM Applications

Use this installation routine if you need any of the following NM applications:

- Autoquant
 - QBS
 - ECToolbox
 - Jetpack
 - Corridor 4DM
1. Launch **Internet Explorer** and navigate to *http://xxx.xxx.xxx.xxx* according to [Table 1](#), IntelliSpace Portal Login Information, in [Prerequisites](#) on page 9.

The Portal Client Setup page opens.

Extended NM Applications

Install Click [here](#) to install Extended NM Applications
File Size: 313Mb

Note: Requires Portal Client to be installed

Ultrasound Applications

Install Click [here](#) to install Ultrasound Applications
File Size: 33Mb

Note: Requires Portal Client to be installed

Figure 20: Extended NM Applications

2. Under the **Extended NM Applications** heading, click **here**.
You are asked if you want to run or save the installation file.
3. Click **Run**.


Note:

If components are missing on the system, the Minimal Requirements utility will open. Install the missing components and then rerun the installation.

The Philips IntelliSpace Portal Extended NM Applications Setup Wizard opens.

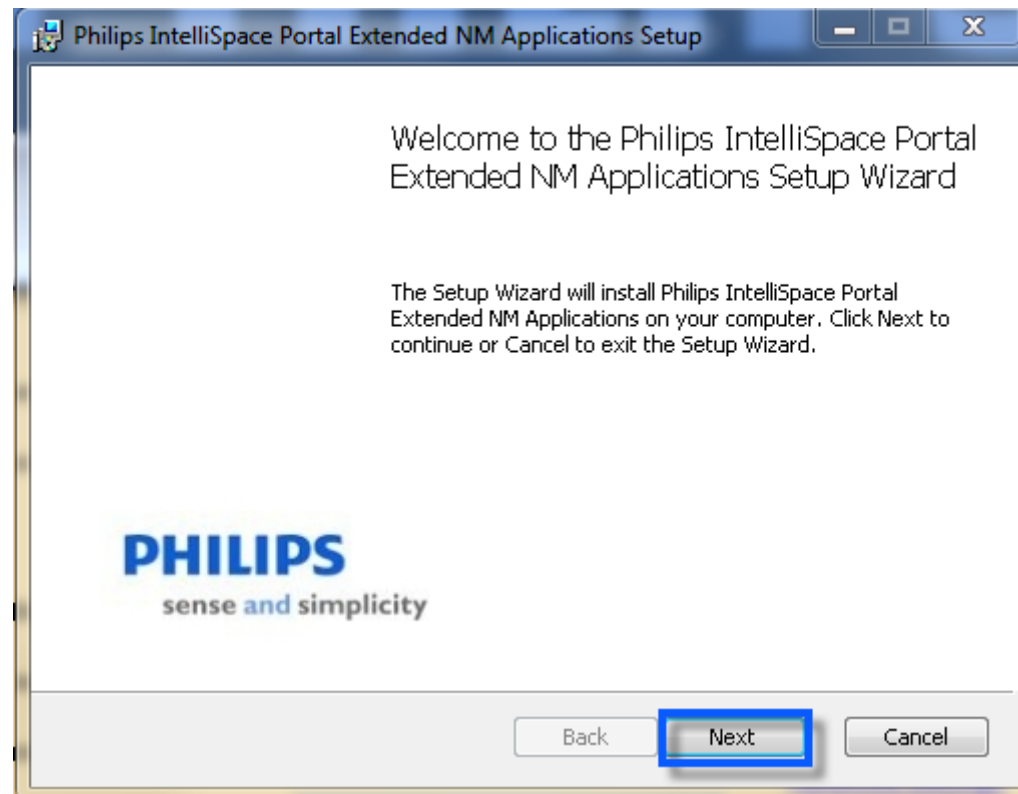


Figure 21: Philips IntelliSpace Portal Extended NM Applications Setup Wizard

4. Click **Next**.

The Ready to Install page opens.

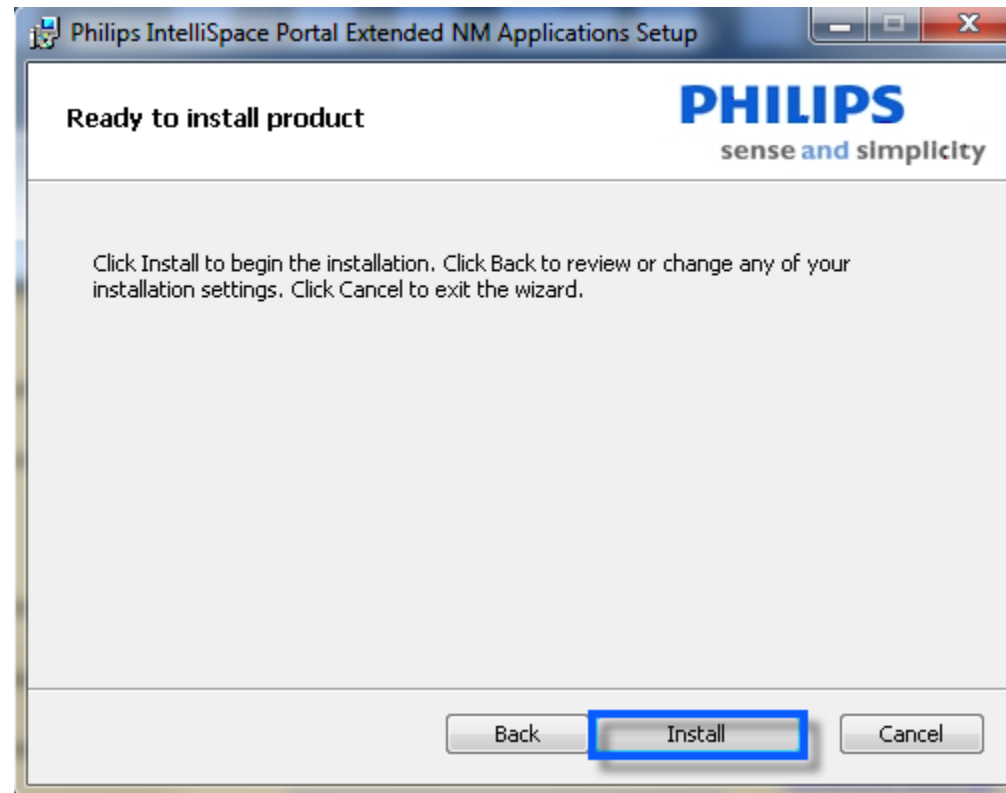


Figure 22: Ready to Install

5. Click **Install**.

A progress bar appears.

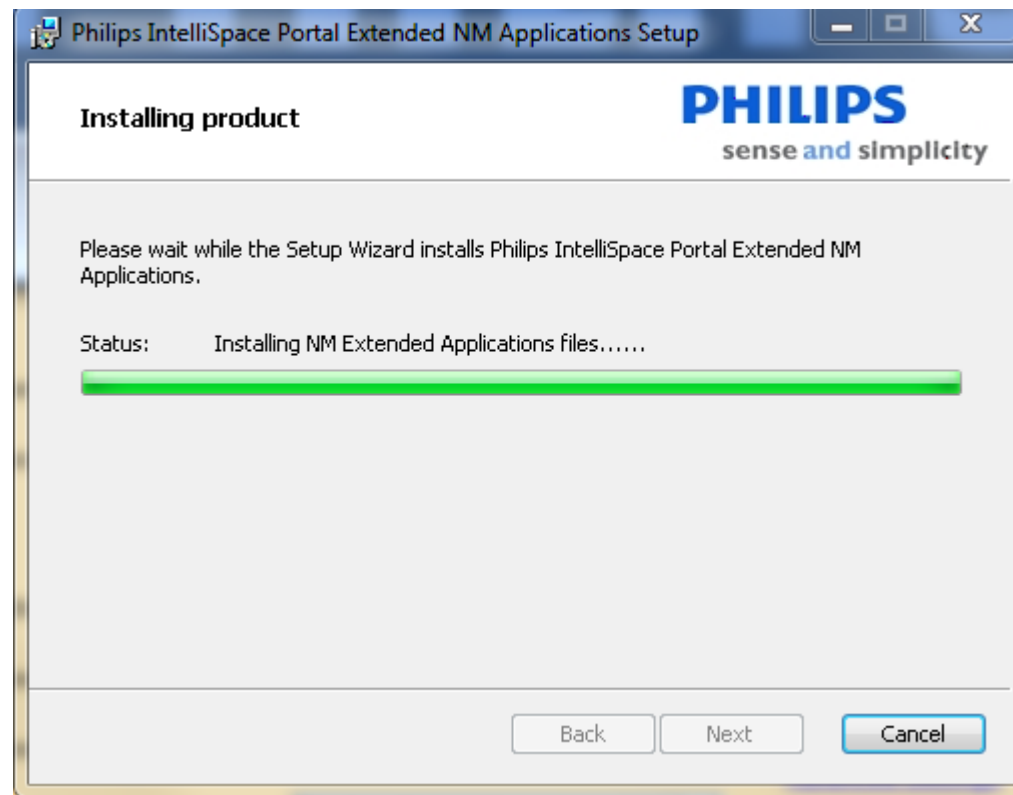


Figure 23: Progress Bar

When the installation is complete, the Finish page opens.

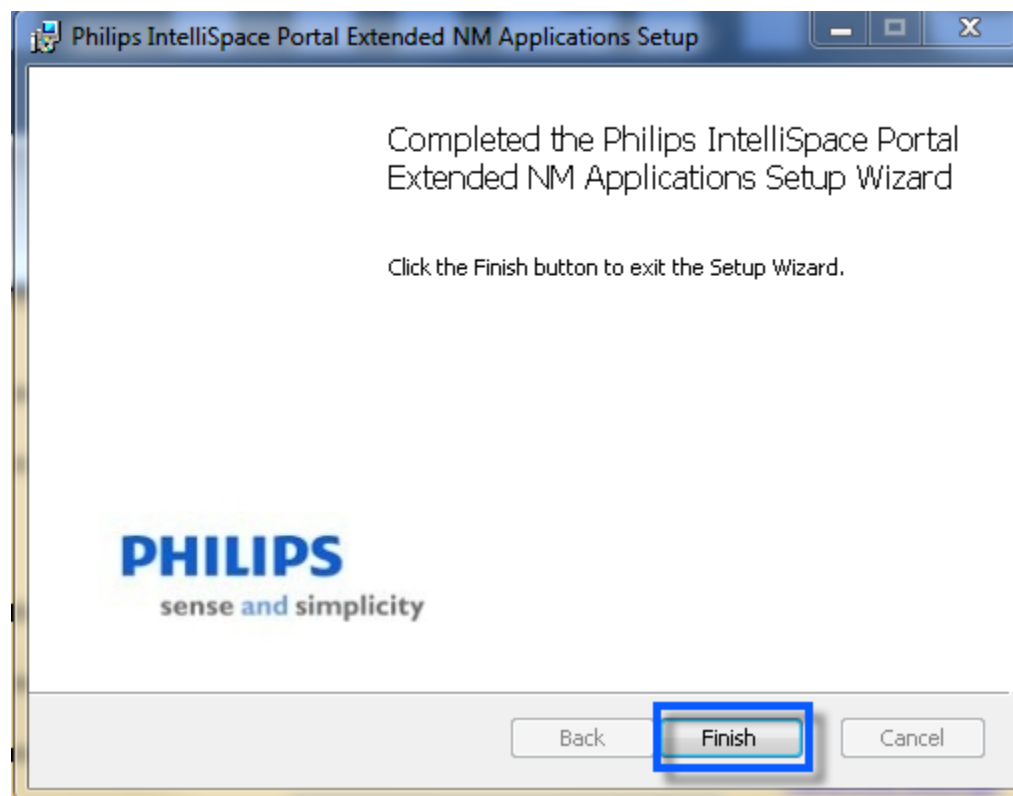


Figure 24: Installation Complete

6. When the installation is complete, click **Finish**.

3.2.2 Installing the Ultrasound Applications



Note: *The Ultrasound Applications do not support the Microsoft Windows 8 operating system.*

1. Launch **Internet Explorer** and navigate to <http://xxx.xxx.xxx.xxx> according to [Table 1](#), IntelliSpace Portal Login Information, in [Prerequisites](#) on page 9.

The Portal Client Setup page opens.

Extended NM Applications

Install

Click [here](#) to install Extended NM Applications
File Size: 313Mb

Note: Requires Portal Client to be installed

Ultrasound Applications

Install

Click [here](#) to install Ultrasound Applications
File Size: 33Mb

Note: Requires Portal Client to be installed

Figure 25: Ultrasound Applications

2. Under the **Ultrasound Applications** heading, click [here](#).
A message appears asking whether you want to save or run the file, **USApps_Client_Release.msi**.

3. Click **Run**.

A message appears asking you to wait while the installation proceeds (this can take several minutes to complete).

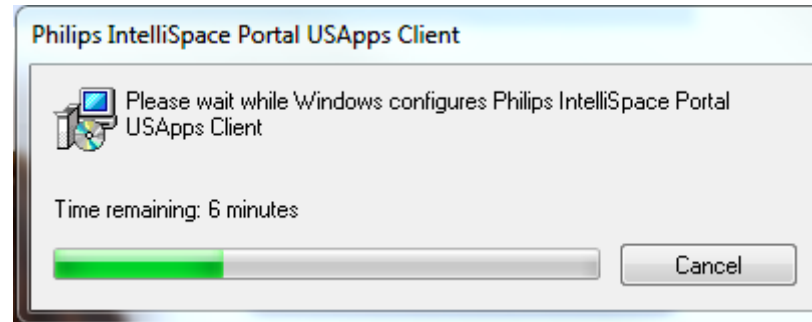


Figure 26: Wait Message

Note:

If components are missing on the system, the Minimal Requirements utility will open. Install the missing components and then rerun the installation.

Once the Ultrasound Applications are installed, the Installation Complete page opens.

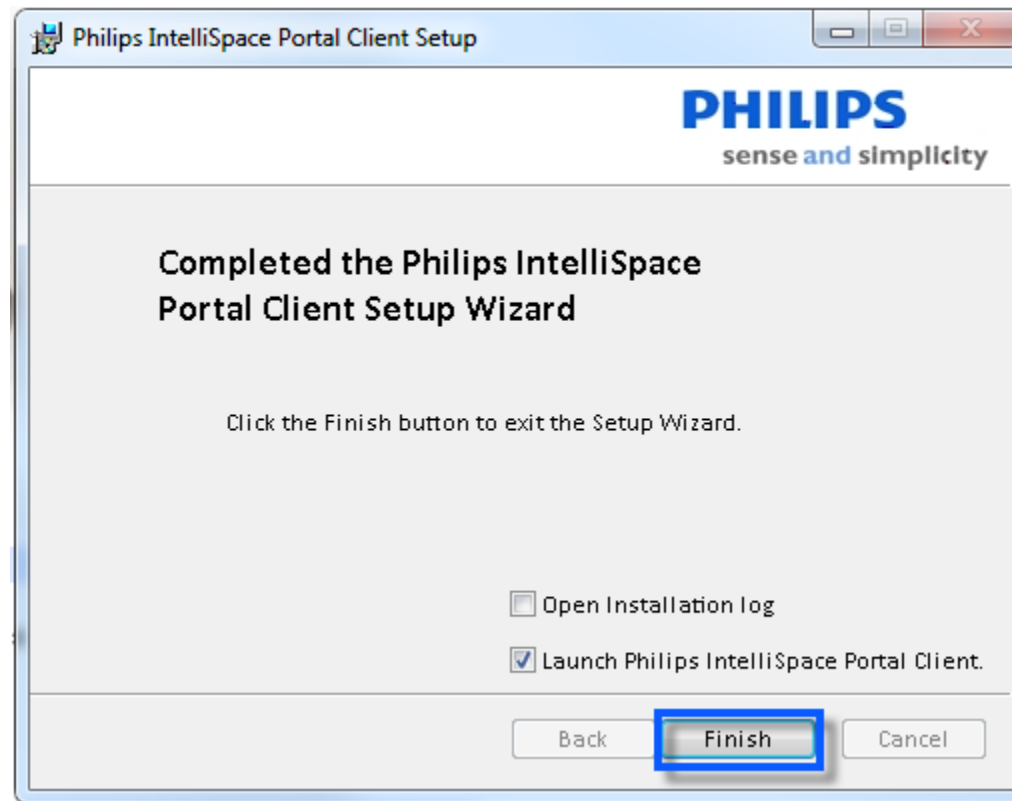


Figure 27: Installation Complete

4. Click **Finish**.

Section 4

Running the ISP Client for the First Time



In this procedure, you will log onto the ISP Client and make sure that everything is working correctly.

1. On the Windows desktop, double-click the Philips IntelliSpace Portal icon.

The License Agreement screen opens.

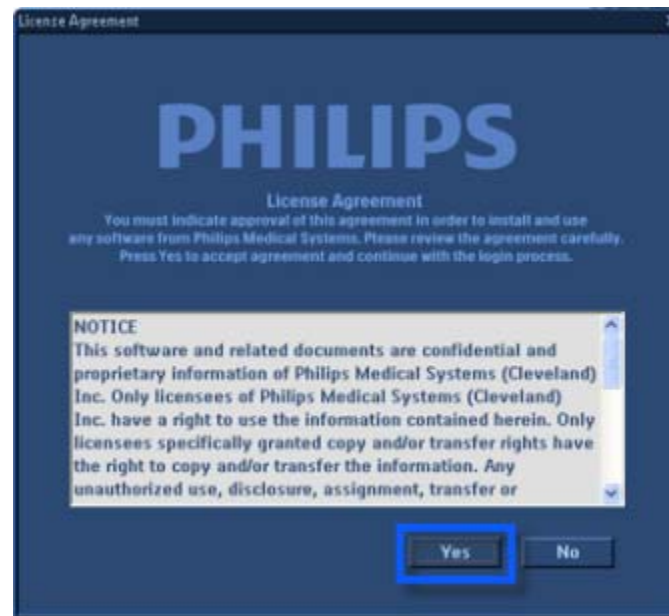


Figure 28: License Agreement

2. Click **Next**.

The Portal Logon screen opens.

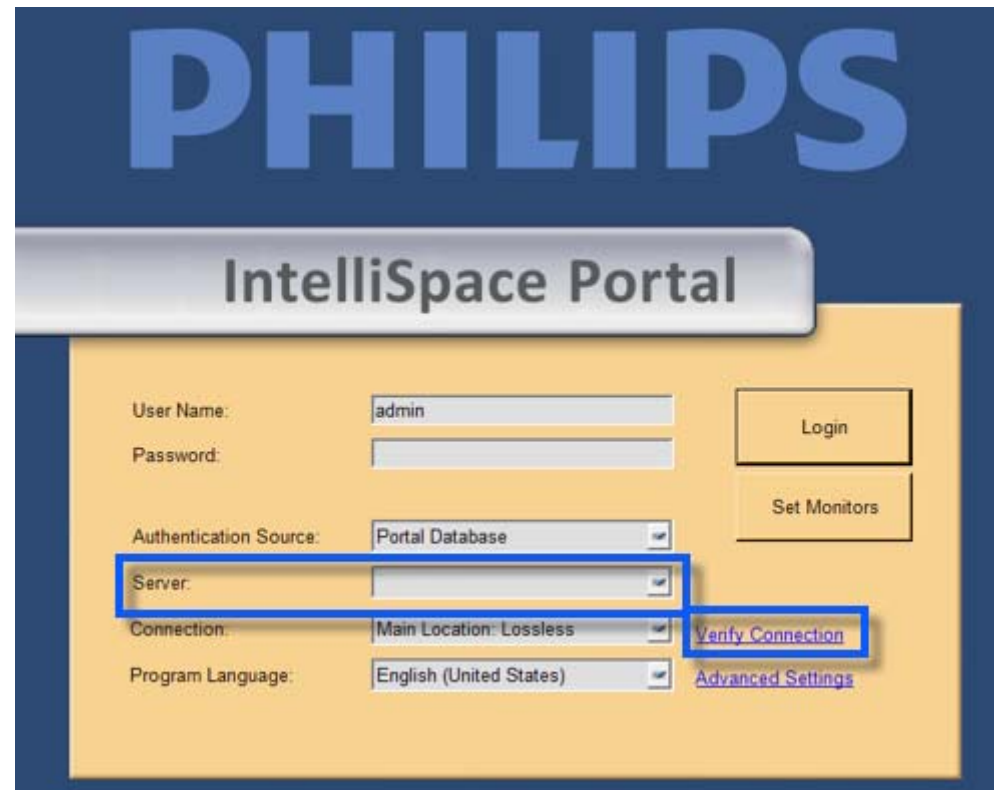


Figure 29: Portal Logon¹

3. In the Server field, enter the IP Address for the ISP Server (you wrote this information down as part of the pre-installation preparation, see [Table 1](#), IntelliSpace Portal Login Information, in [Prerequisites](#) on page 9).

1. The **Set Monitors** button, showed in this Figure, appears only when two monitors are connected to the client workstation.

4. Click **Verify Connection**.

IntelliSpace Portal runs a check and provides information about the connection.

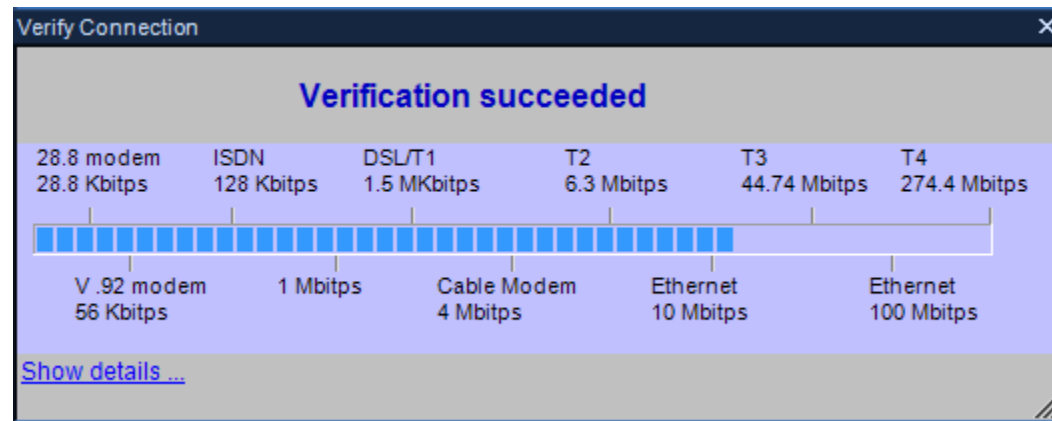


Figure 30: Verification Succeeded

5. Make sure that the connection and network bandwidth are correct.

TIP: If there is a problem, more information is available. Click **Show Details**. If necessary contact Hospital IT to resolve the problem. To remove the additional information from the display, click **Hide Details**.

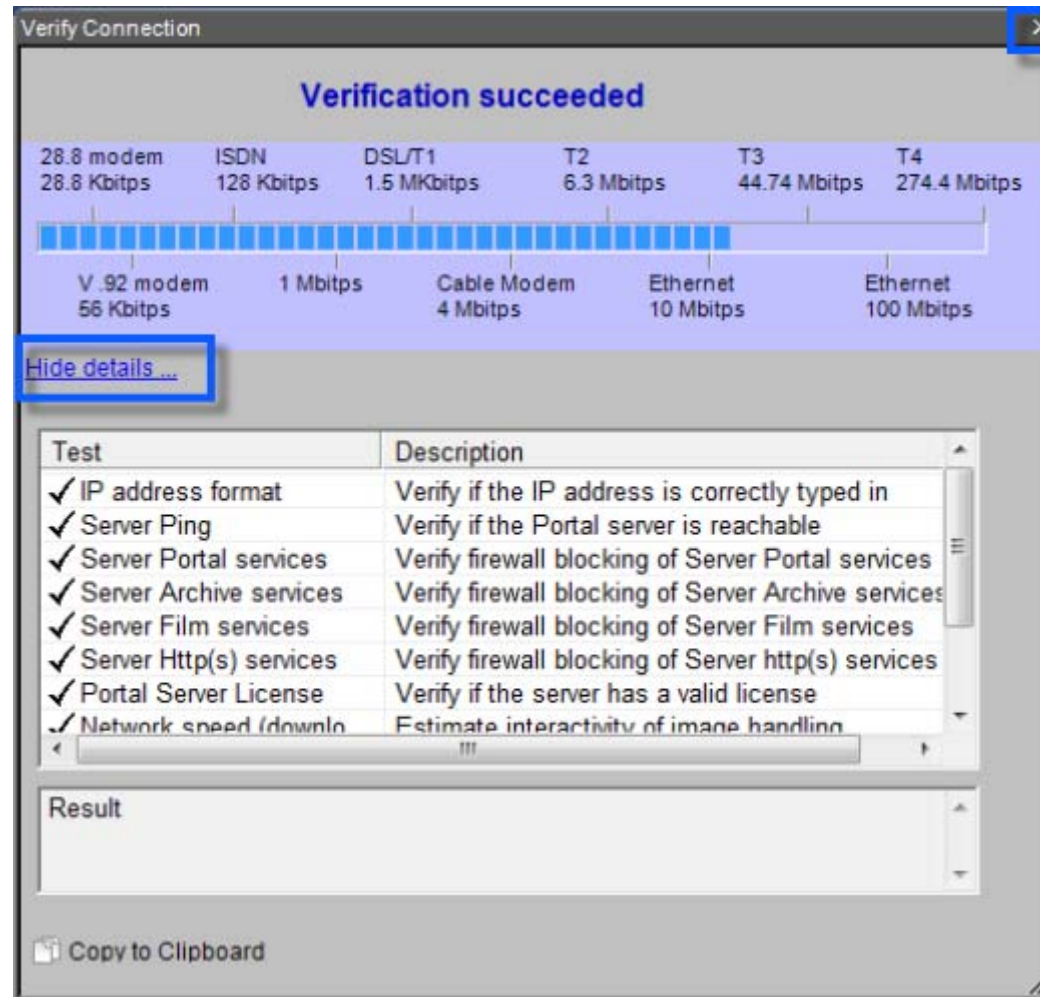


Figure 31: Verification (with Details Displayed)

- To close the screen, click **Close** ('x' in upper left corner).

7. On the IntelliSpace Portal Logon screen, enter the admin user name and password in the fields provided.
8. Select the connection type:
 - If you are on hospital grounds, select **Main Location:Lossless**.
 - If you are not on hospital grounds, select the connection type (consult with local IT).
9. Click **Login**.



Figure 32: ISP Patient Directory

Make sure that you can see the Patient Directory.



Note: *This can take a few minutes because it is the first time that you log in.*



Figure 33: Click Help

10. Click **Help**.

11. Click **Online Help**.



Figure 34: Online Help

12. Make sure that Web-CBT opens.

If Web-CBT does not open, check the ISP Server settings for the Web-CBT configuration.

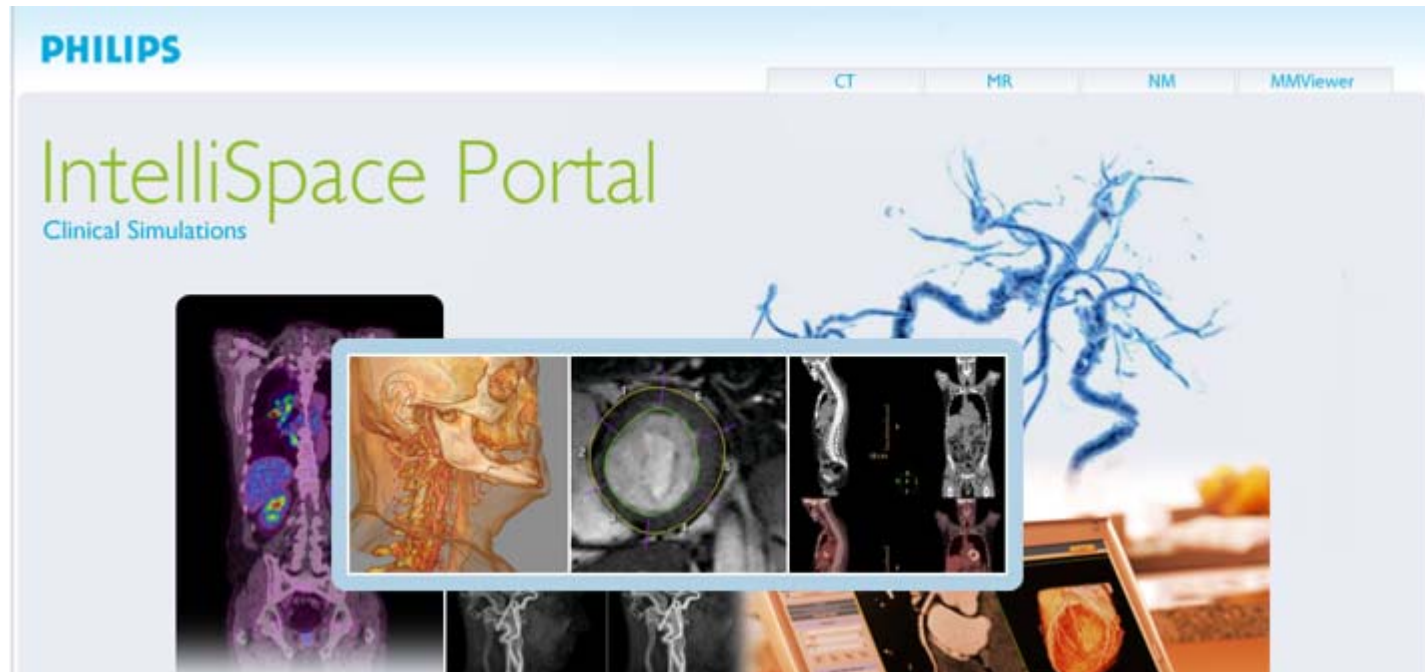


Figure 35: Web-CBT

4.1 Where to Go Next

- If you have iSite, Sectra or MDCr PACS, refer to the IntelliSpace Portal PACS Integration Instructions available on InCenter.
- If you do not have iSite, Sectra, or MDCr PACS, the installation is complete.

Appendix A

Setting Up Multiple Monitors at the Client

This procedure defines which monitor is the primary and which is the secondary monitor when you have more than one monitor. The primary monitor displays the Patient Directory. The secondary monitor displays the application. The Monitor Manager Setup is described in detail in the IntelliSpace Portal System Administrator IFU.



Note: *You can configure only two monitors at a time.*

1. Double-click the **IntelliSpace Portal** icon.
2. Log on as **admin**.
3. Click **Set Monitors**.



Note: *The **Set Monitors** button does not appear if only one monitor is attached to the client computer.*

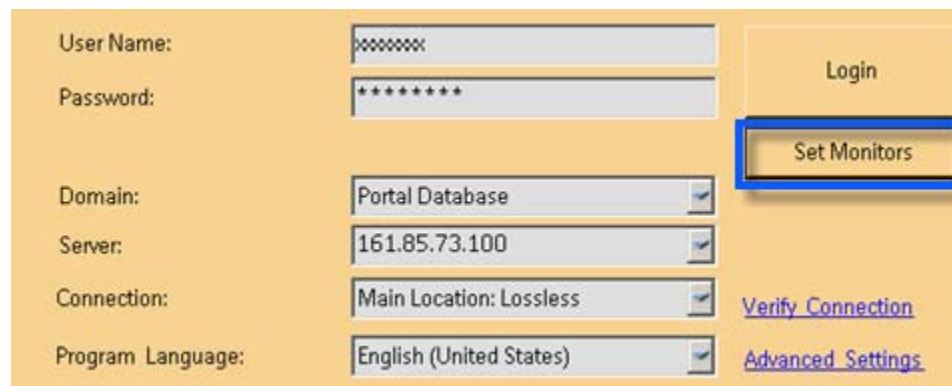


Figure 36: Log on screen

4. In the *Monitors Available Options* field, select which monitors to use for IntelliSpace.
5. If you want to swap the monitors, click the swap icon to switch between the left and right monitors.



Figure 37: Monitor Manager

6. Click OK.



Note: When a monitor does not have the minimum required screen resolution (for example if the resolution is 800x600), you will see *Can't be used*.

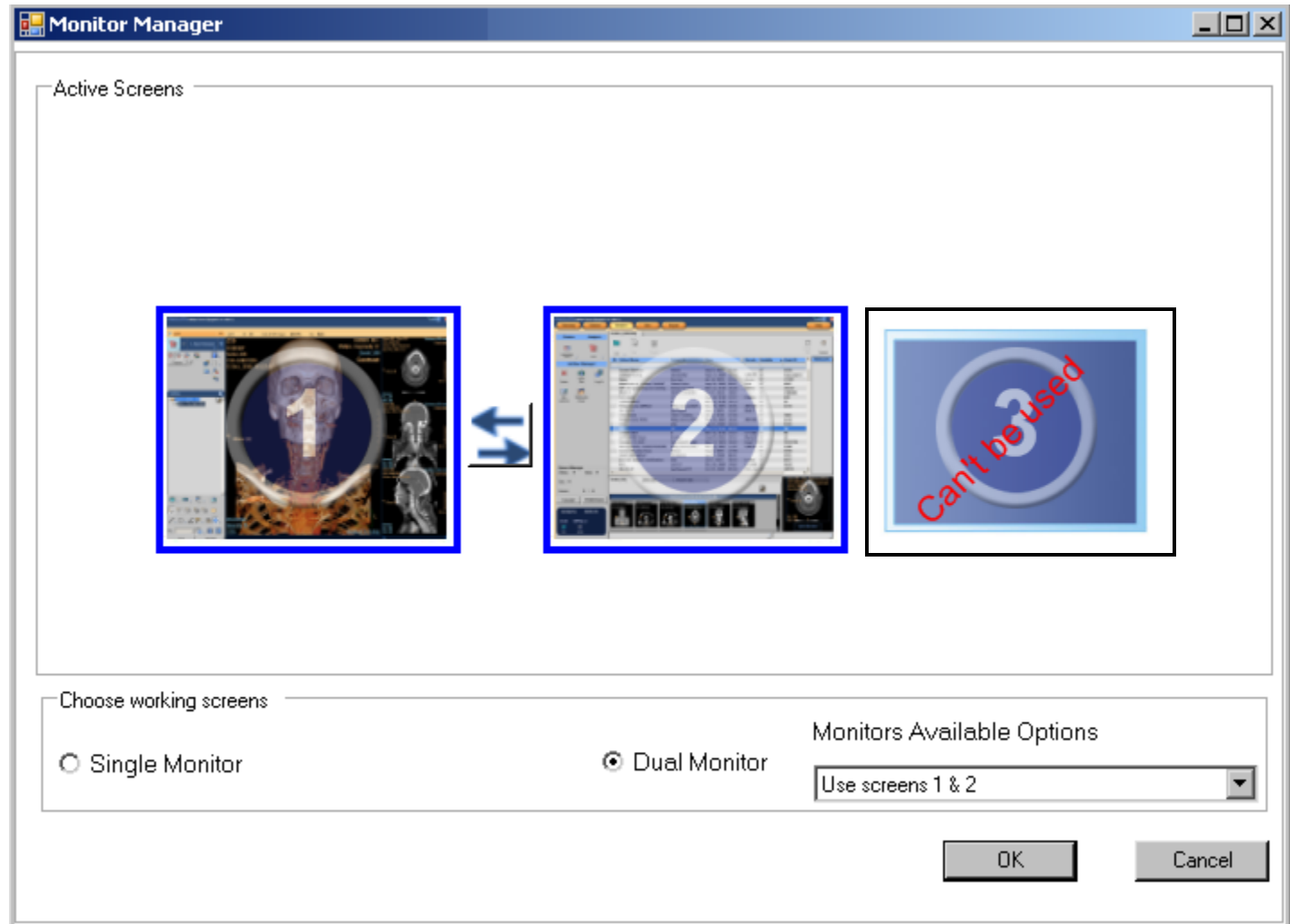


Figure 38: Monitor Manager (Three Monitors, One Cannot Be Used)

Identifying the Type of Client Installation

1. On the Windows desktop, right-click **My Computer**.
2. Identify these:
 - Microsoft Windows operating system (XP, Vista, Windows 7, Windows 8)
 - System Type (32-bit or 64-bit)
3. In the following table, find the Windows operating system and System type.

Table 5: Type of client installation lookup table

Workstation OS	Administrator Client	Non-admin Client
XP 32-bit	c:\Program Files\Philips IntelliSpace Portal\	C:\Documents and Settings\<user>\Local Settings\Application Data\Philips IntelliSpace Portal
XP 64-bit	c:\Program Files (x86)\Philips IntelliSpace Portal\	C:\Documents and Settings\<user>\Local Settings\Application Data\Philips IntelliSpace Portal
Vista 32-bit Win7 32-bit	c:\Program Files\Philips IntelliSpace Portal\	C:\Users\<user>\AppData\Local\Philips IntelliSpace Portal
Vista 64-bit Win 7 64-bit	C:\Program Files (x86)\Philips IntelliSpace Portal\	
Vista 64-bit Win 8 64-bit		

4. At the workstation, look for the IntelliSpace Portal client executable file in the folder for each type of client.

Appendix C

Removing Old Versions of IntelliSpace Portal Client

Use this procedure if the existing version of the IntelliSpace Portal client on the computer prevents you from installing v5.0.

1. From Windows desktop, on the **Start** menu, select **Programs > Philips IntelliSpace Portal Client > Uninstall Philips IntelliSpace Portal Client**.

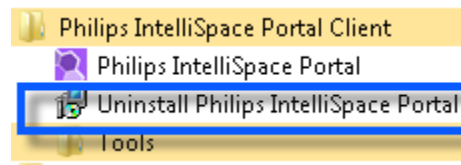


Figure 39: Uninstall Philips IntelliSpace Portal



Note: If there is a problem, download and run the *Cleanup Script*. Refer to [Running the Cleanup Script](#) on page 80.

A message appears asking if you are sure you want to uninstall the Philips IntelliSpace Portal Client.

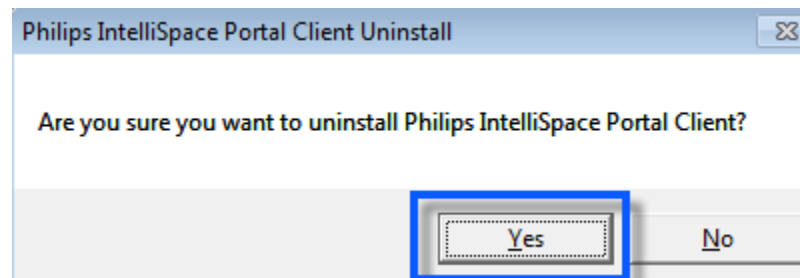


Figure 40: Message Asking If You Want To Uninstall

2. Click **Yes**.