INTELLI-SITE

OSSI
YOUR WORLD SECURED

Documentation

INSTALLATION AND CONFIGURATION GUIDE
Version 3.9.X

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Introduction

Overview

The Intelli-Site software is a scalable PC-based system designed to integrate, control and manage electronic security components and subsystems into a networked security management system. Intelli-Site runs under Microsoft Windows XP and Microsoft Windows 2003 Server, with a focus on performance, security, reliability, and manageability.

Intelli-Site integrates electronic security products and subsystems from multiple manufacturers into a single functionally enhanced, centrally controlled security system. Intelli-Site allows for the integration of the following types of subsystems:

- Access control systems and field panels
- Closed circuit television matrix switchers
- Digital video multiplexers
- Time lapse video recorders (RS-232 compatible)
- Fire alarm systems and panels
- Intercom systems (microprocessor based)
- Radio paging systems
- Burglar alarm digital receivers
- Programmable logic controllers (PLCs)
- Master/Server Redundancy
- Integrated Software DVR

Intelli-Site incorporates a user-defined point and click windows graphic user interface (GUI) that can be configured to meet the unique needs and skill level of each user. Intelli-Site utilizes dockable tool bars that can float over the workspace or dock on the right or left, as well as be removed from the screen. Additionally, Intelli-Site utilizes a directory tree window display that supports full graphical drag and drop configuration and setup. These features are assigned by the system administrator via password controlled user profiles.

The Intelli-Site's GUI is designed to provide an intuitive, flexible and easy to use integrated system. The Graphic User Interface allows the administrator to add site, building and floor plan map graphics or control diagram graphics to support alarm annunciation, device control and device monitoring. User-defined active icons can be added to the screen graphics that allow the user to control and monitor devices utilizing the mouse or a touch screen. Intelli-Site supports four-state active icon displays that graphically show the status of each device. Intelli-Site provides the user with a true integrated interface for all system devices that is unique to each facility, allowing the user to respond to security conditions in a simple yet comprehensive manner.

Minimum System Requirements

Operating System:	Microsoft Windows 7, Server 2008 R2, XP SP3, Server 2003 SP2
CPU (Processor):	Pentium IV 2.5 GHz
RAM (Memory):	1GB DDR2 667mhz
HDD (Disk Space):	20GB 7200RPM IDE
VGA (Video):	64MB VRAM @ 1024 x 768, (64K colors)
Display:	17" VGA (Touch screen optional)
Network & Protocols:	10/100/1000 network adapter with Windows TCP/IP.
Sound:	Windows compatible sound card or USB sound adapter
Input Devices:	Mouse, keyboard, and 24X CD drive

Recommended System Requirements

Operating System:	Microsoft Windows 7, Server 2008 R2
CPU (Processor):	Intel Core2Duo 2.0GHz
RAM (Memory):	2GB DDR2 800mhz
HDD (Disk Space):	200GB 7200RPM SATA-II 300
VGA (Video):	128MB VRAM @ 1280x1024, (32 bit color)
Display:	17" VGA (Touch screen optional)
Network & Protocols:	10/100/1000 network adapter with Windows TCP/IP.

Sound: Windows compatible sound card (Onboard or exp. card slot)

Input Devices: Mouse, keyboard and 8X DVD-ROM drive

NOTE: Windows XP 64-bit and Windows Vista are not supported by Intelli-Site 3.9.x

Contact Information

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Fax: **262-522-1871**
Email: sales@ossi-usa.com

Technical Support

Technical support is available via Telephone, Fax or Email. Contact OSSI, technical support 8:00 AM to 5:00 PM Central Standard time. If calling after hours, please leave a detailed voice mail message, and someone will return your call as soon as possible.

Local: **262-522-1870**
Fax: **262-522-1871 (Attention Technical Support)**
E-Mail: support@ossi-usa.com

When calling, please be at the computer prepared to provide the following information:

- Product version number, found by selecting the **About** button from the Intelli-Site main toolbar.

- Product serial number used for registration.

- The type of computer being used, including processor type, speed, amount of memory, type of display, etc.

- Exact wording of any messages that appear on the screen.

- What was occurring when the problem was detected?

- What steps have been taken to solve the problem?

Intelli-Site Software Installation

There are three types of installations: **Drivers Only**, **ServerStation**, and **Workstation**. The **Drivers Only** selection will only install drivers that will connect to a remote Intelli-Site Server. The **ServerStation** selection will install the both the Intelli-Site Server and Workstation software with the option to install Drivers as well. The **Workstation** selection will only install the Intelli-Site Workstation to remotely manage an Intelli-Site Server with the option to install Drivers as well.

1. Verify all System Installation Prerequisites are met.

2. Insert the software installation Compact Disc into the computer CD drive. After a few seconds, the Intelli-Site welcome dialog will display momentarily.

The InstallShield Wizard displays in the lower right portion of the screen and then open the Welcome dialog.
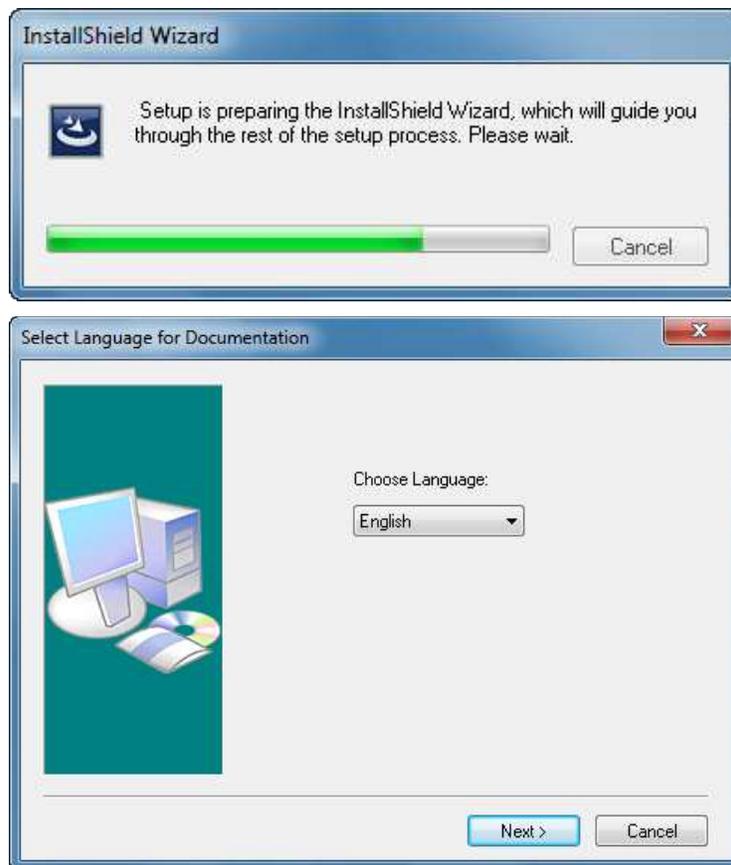
3. When the InstallShield has completed loading the system will display the Setup Screen. Click the **Next**> button on the **Welcome Screen** to start the software installation.
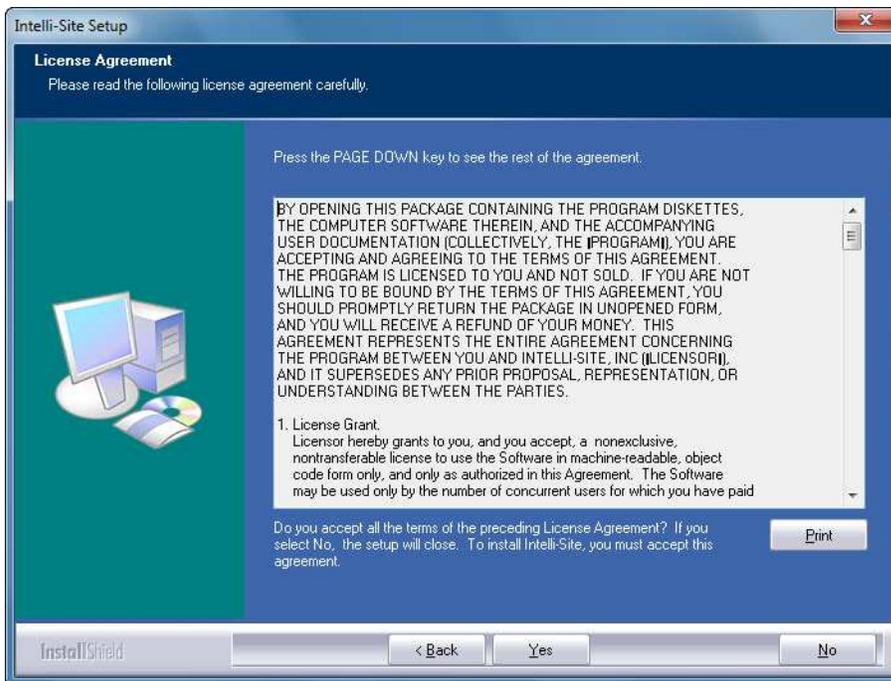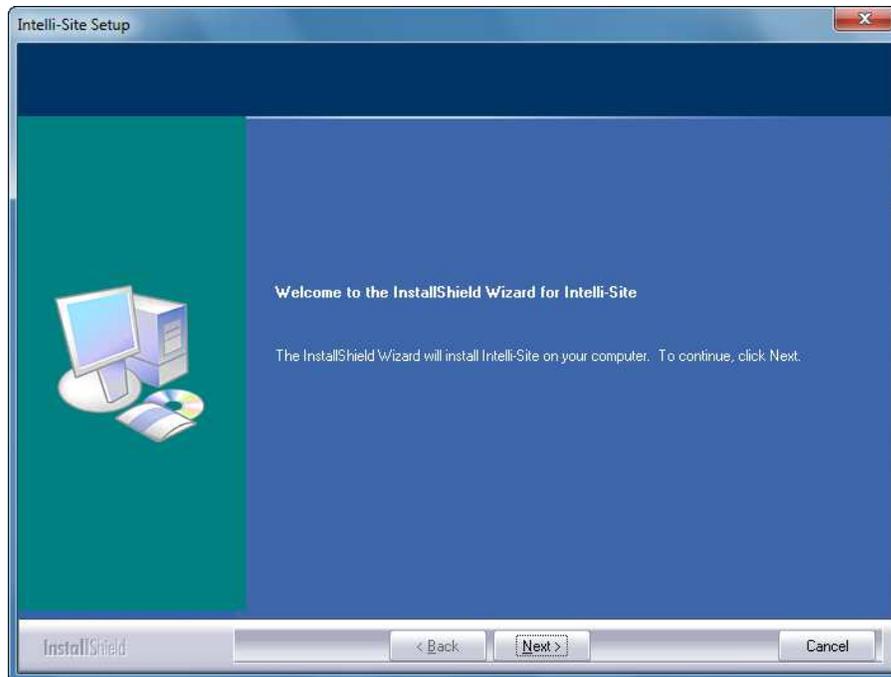
4. Carefully read the License Agreement. Click the **Yes** button to accept the agreement and continue the installation. If you do not agree with the license agreement, click the **No** button and the system will prompt to verify cancellation of the setup. Click the **Yes** button to exit setup.
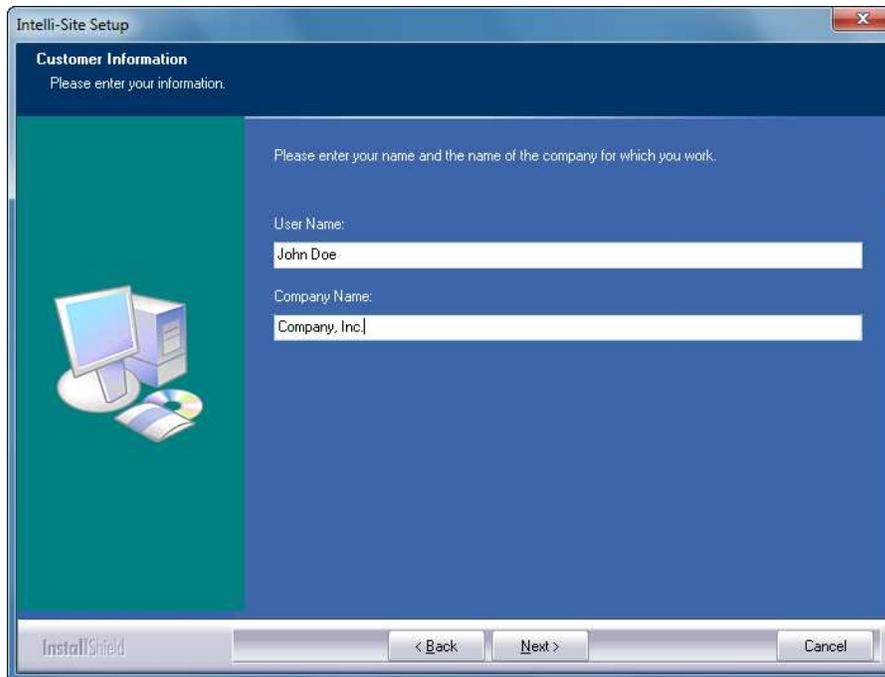
5. At the screen prompt type the **User Name,** click or tab to the second entry and type the **Company Name,** click the **Next>** button to continue.
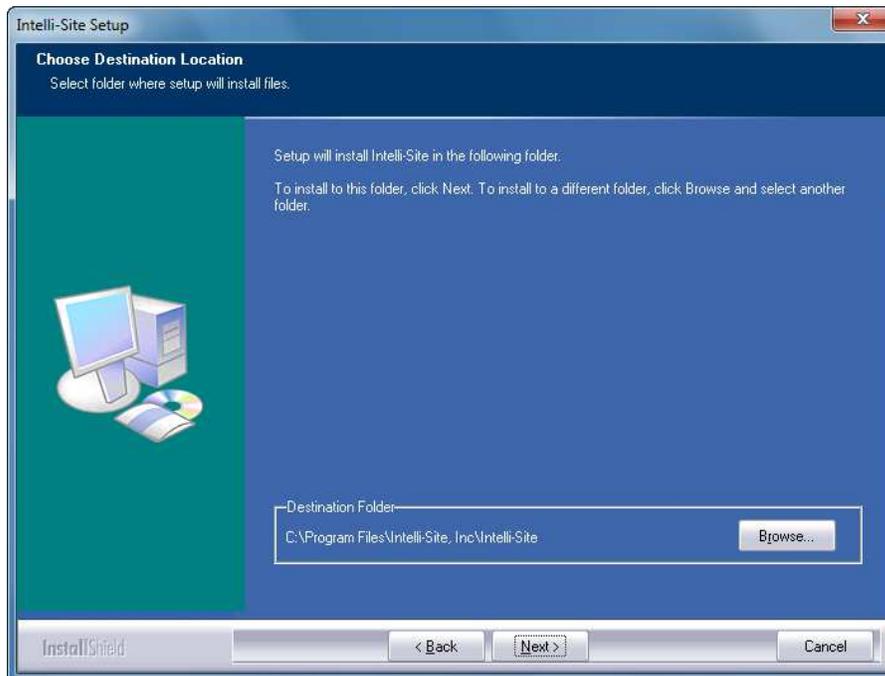
6. To accept the default destination (C:\Program Files\OSSI\Intelli-Site), click the **Next>** button to continue. To select a different folder click the **Browse...** button to locate the folder you would like to install the software on the computer.

The following screen will display and present the three available options for installation.
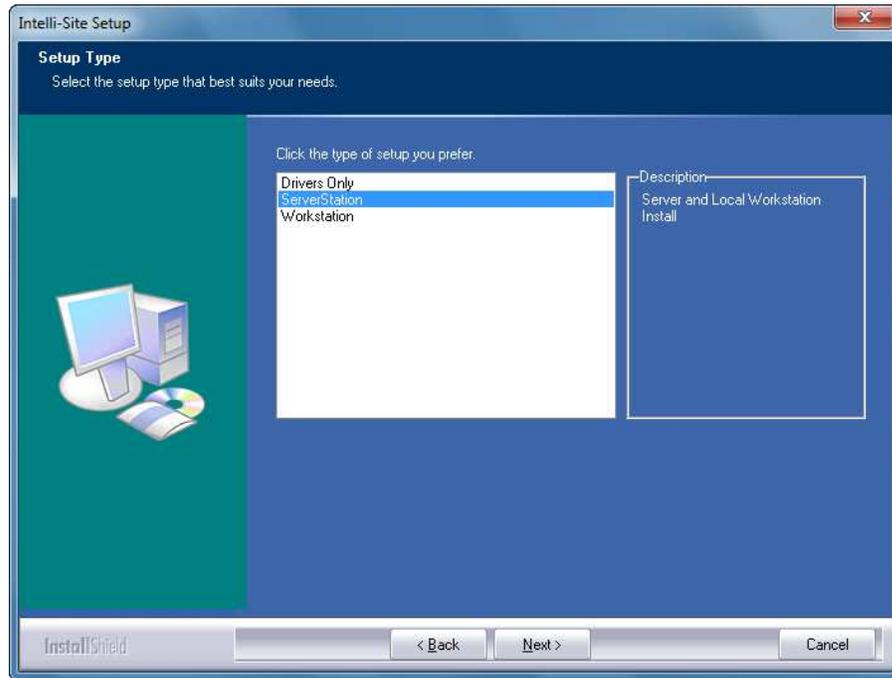
7. Click to highlight the type of Installation you require and click the **Next>** button to continue.

If installing type ServerStation or Workstation, the following screen prompt will display to install drivers.
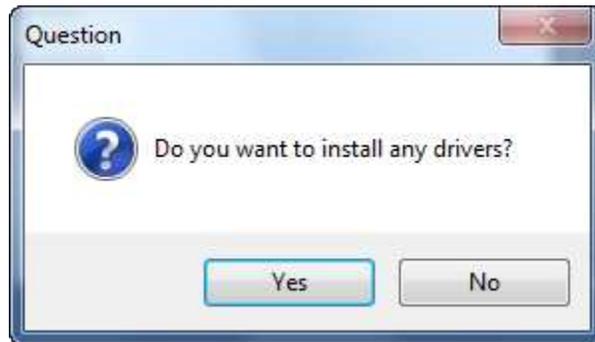
8. Click the **Yes** button to install one or more drivers and Driver Service to the computer. The system will display a list of available drivers. If you click the **No** button, no drivers or driver service will install and the system automatically moves on to the next install screen.

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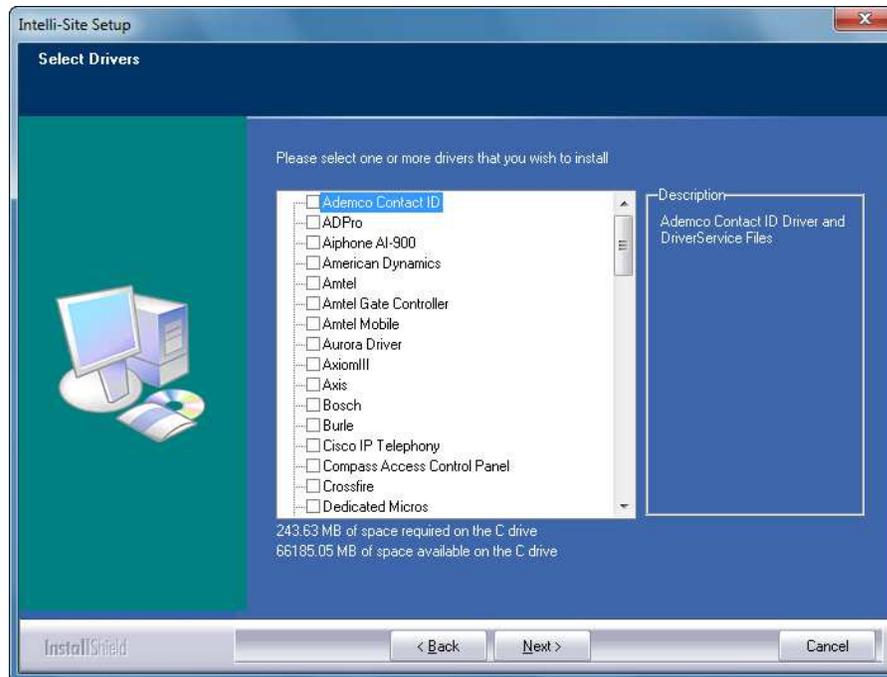
9. To select a driver, click to check the box of the driver to be installed. When all drivers have been selected, click the **Next>** button to continue.

    NOTE: The selected driver will only connect and function properly after configuration within the Intelli-Site Registration Window and in the hardware layout for that particular project. (See the Reference Guide for instructions on configuring hardware drivers in a project.)

    Drivers can be installed during installation or added at a later time through the **Control Panel, Add/Remove Programs Icon**.
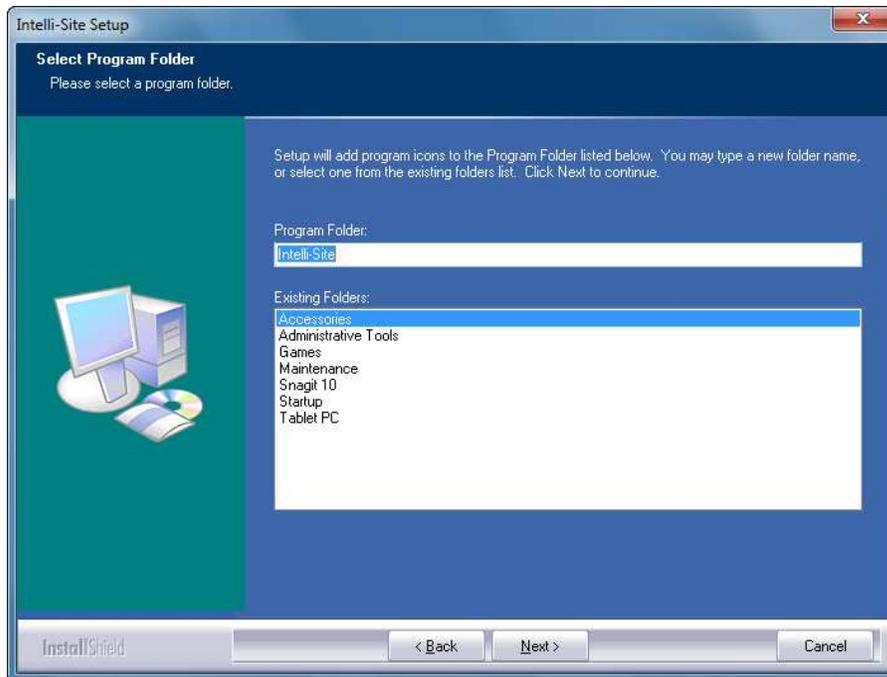
10. To accept the Intelli-Site Program Folder, click the **Next>** button or follow the screen directions to select or create a different Program Folder Name.

   If installing *ServerStation*, a screen will display to allow existing Projects site to be copied and updated. Projects copied through this option will automatically be updated to run with the newer version of Intelli-Site.
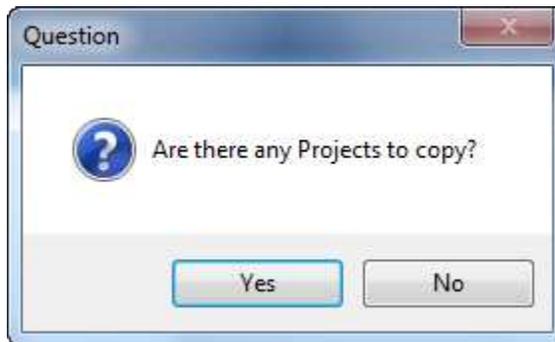
11. Click the **Yes** button if an existing project(s) is to be copied and updated. The following screen will display to enter the location of the project data to be copied and updated. Click the **No** button if there are no existing projects to be copied and updated at this time.
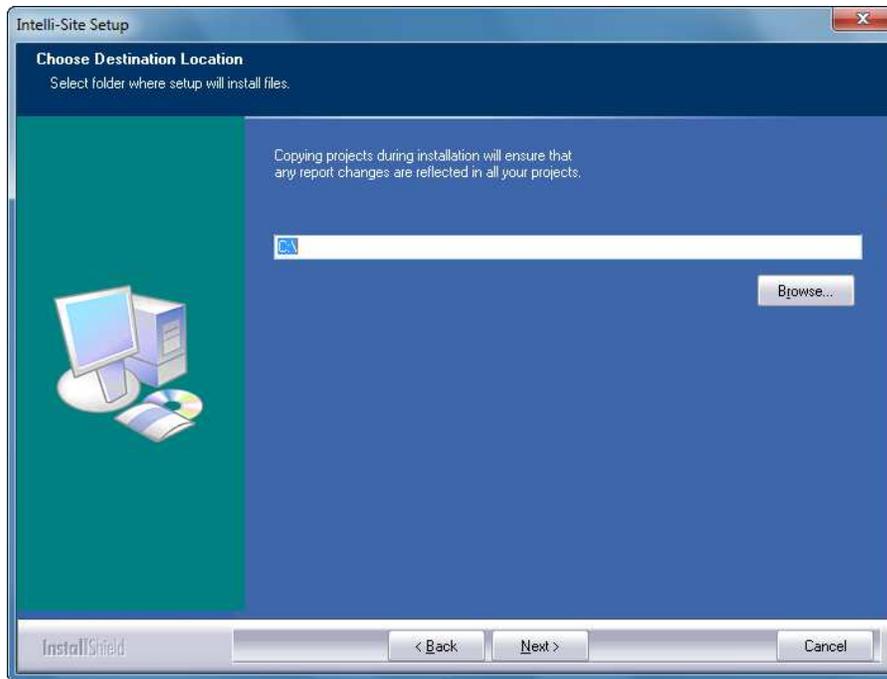
12. Enter the path to the **Project Site Folder** or click the **Browse...** button to search for the Site Folder name. Click the **Next>** button to continue. The system will begin to copy files and the following screen will display to show status of the installation.
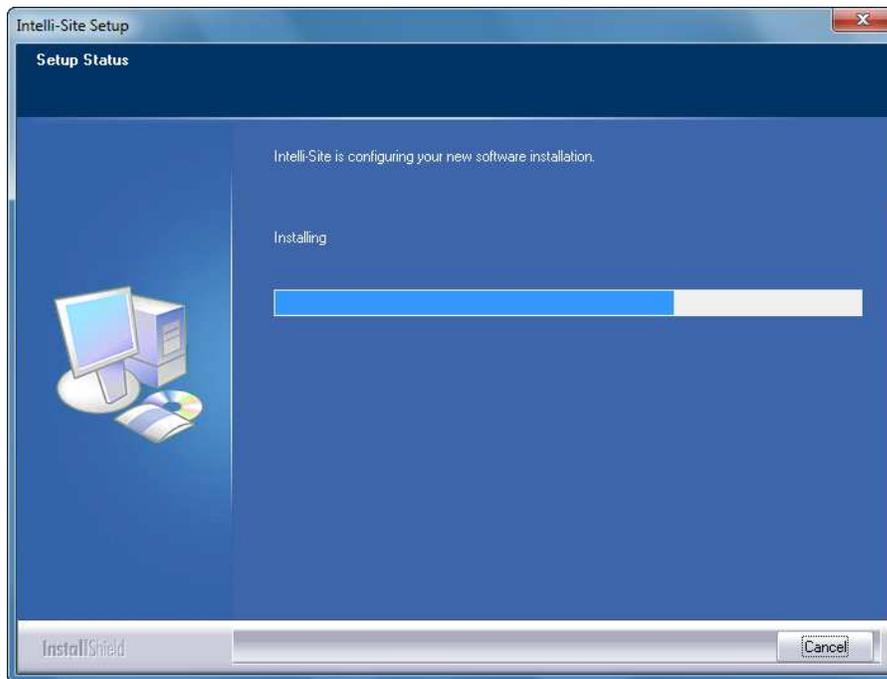
As the system completes installation, information screens will momentarily display to confirm completion of the file extraction and copy process, installation of Hard Lock Drivers, Speech Control Text-to-Speech Etc. If a confirm file replace box will appear advising that the target file exists and is newer than the source. Click No to All to bring the installation to its final screen. A final screen will display to verify that the install process has completed and will request a reboot of the computer.

13. Click the **No to All** button.
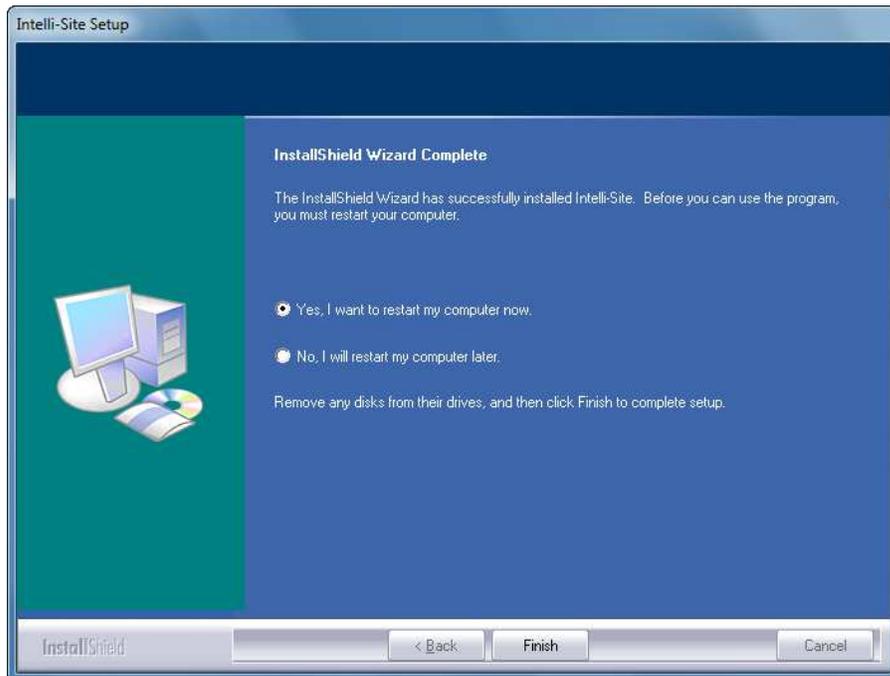
14. Click the **Finish** button to select "Yes" to reboot the computer and complete the installation of the Intelli-Site software.

The Intelli-Site software will be accessible through the Windows 2003 Server/XP **Start, Programs** or the **Intelli-Site Icon** created on the Windows 2003 Server/XP desktop during installation.

Important!

The Intelli-Site folder created on the ServerStation computer must be shared at the Operating System level. See your Windows System Administrator for assistance.

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Upgrade Intelli-Site

> ***NOTE:** The upgrade procedure documented below is for versions 3.7 or higher. If upgrading from earlier versions, contact OSSI for specific directions.*

1. In view of best practices in change management, we recommend you back up your current configuration (the Sites directory/folder on the server computer).

2. Insert the software installation Compact Disc into the computer CD drive. After a few seconds, the Intelli-Site welcome dialog will display momentarily. If the software installation does not start automatically you can select **Start, Run, Browse...** and double-click the **Setup.Exe** File located on the drive letter of your CD drive.

The InstallShield Wizard displays in the lower right portion of the screen.
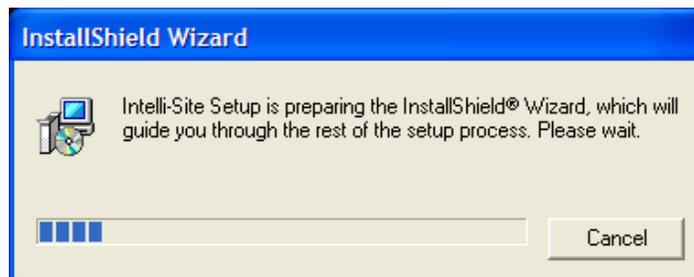
3. When the InstallShield has completed loading the system will display the following screen if a valid SMA Number has not been entered previously.
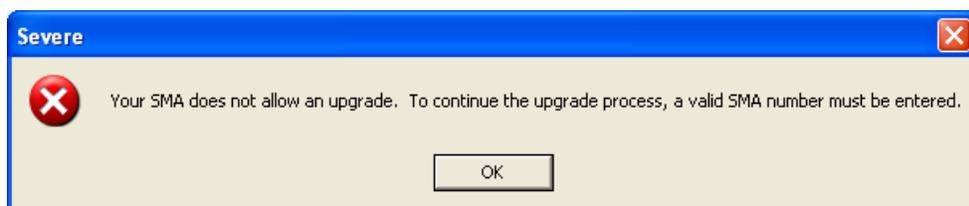
4. Enter the provided SMA Number at the following screen and click the **Next>** button.
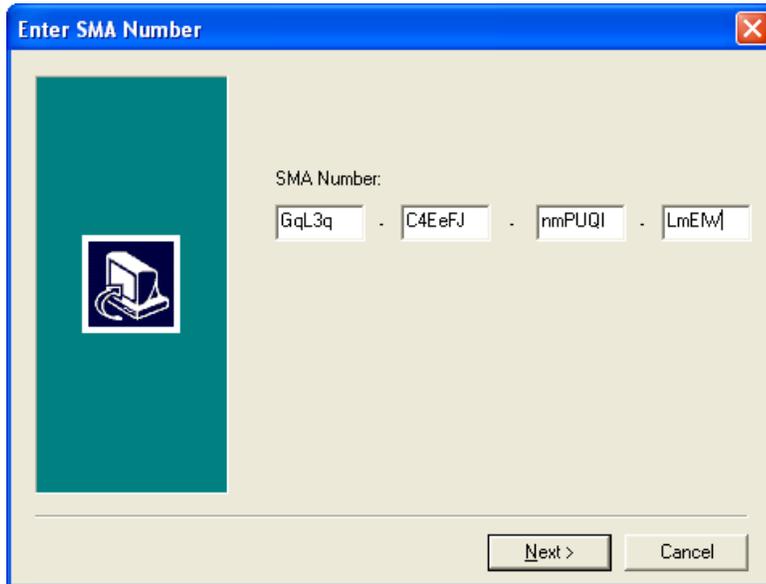
5. Click the **Next**> button on the **Welcome Screen** to start the software installation. The License Agreement screen will display.
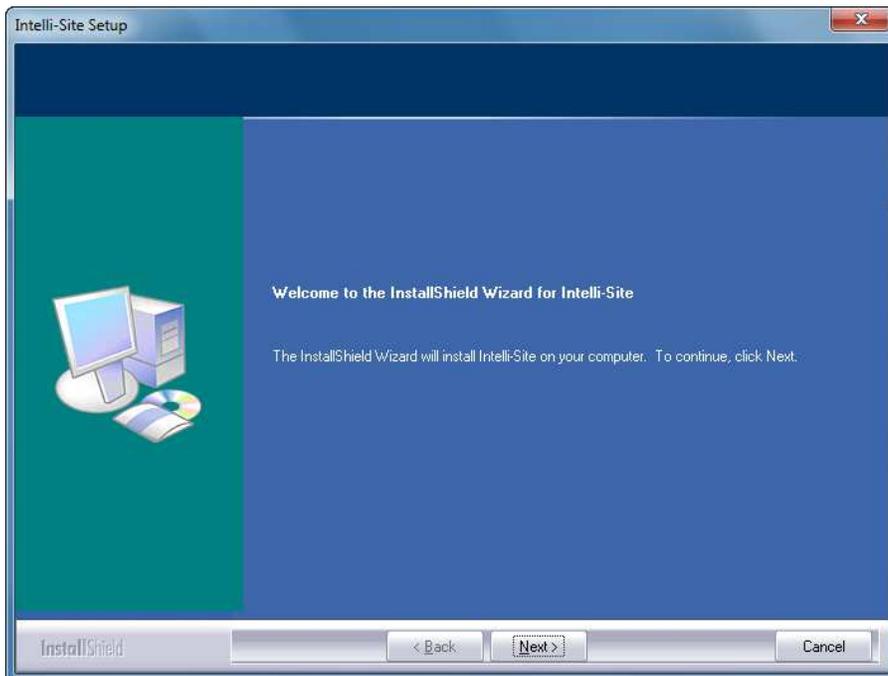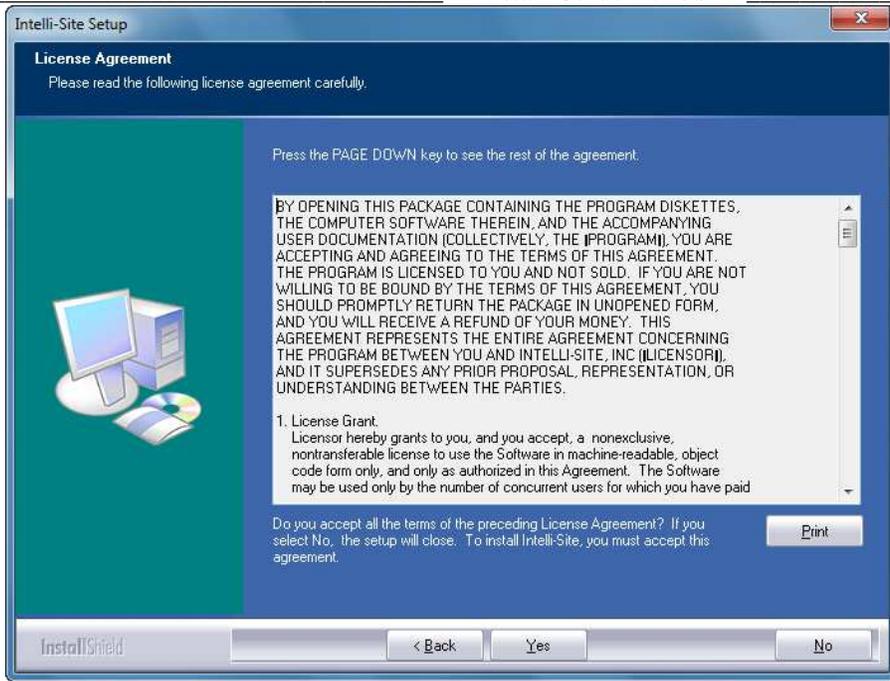
6. If you do not agree with the license agreement, click the **No** button and the system will prompt to verify cancellation of the setup. Click the **Yes** button to exit setup.
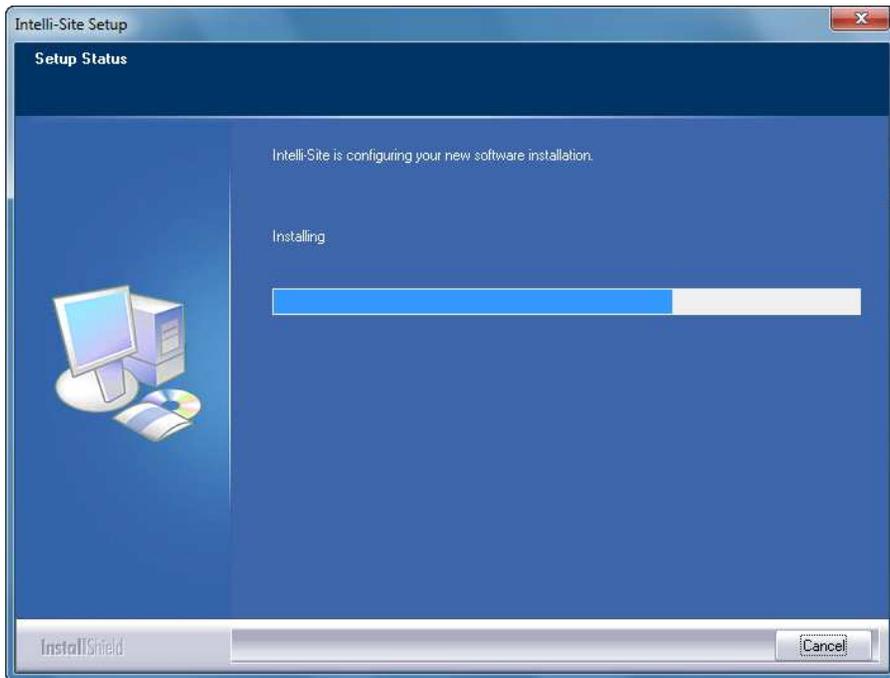
As the system completes installation, information screens will momentarily display to confirm completion of the file extraction and copy process, installation of Hard Lock Drivers, Speech Control Text-to-Speech Etc. A final screen will display to verify that the install process has completed and will request a reboot of the computer.
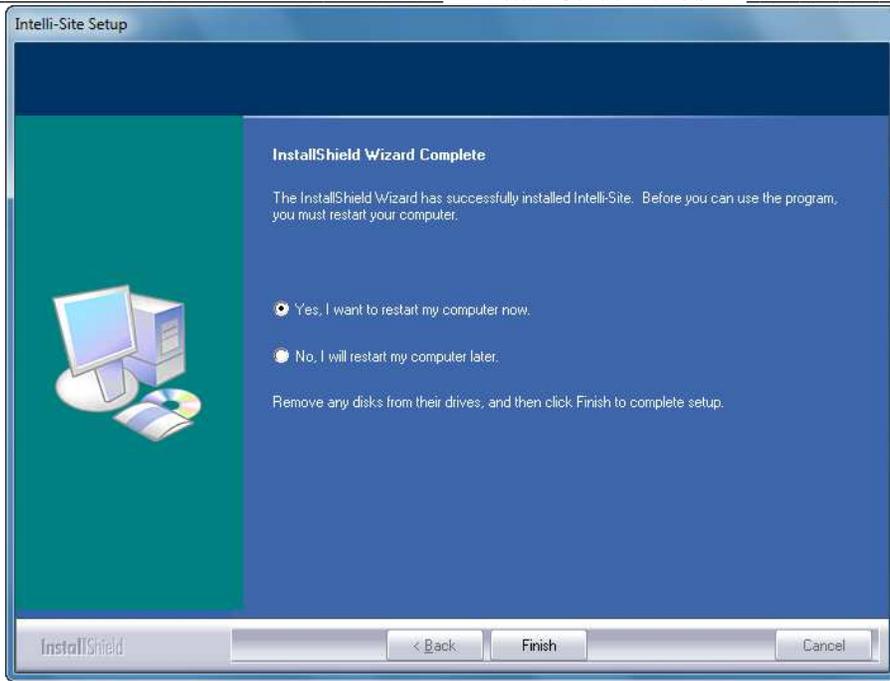
7. Click the **Finish** button to select "Yes" to reboot the computer and complete the installation of the Intelli-Site ServerStation software.

Uninstall Intelli-Site Software

The uninstall process will remove the program files and the Intelli-Site folder from the computer and remove Windows Registry entries and the desktop icons from the desktop. If a project has been created, the Intelli-Site folder will not automatically be removed.

1. To uninstall the Intelli-Site software, select the **Programs and Features** icon in Control Panel *("Add/Remove Programs" icon in Windows 2003/XP)*
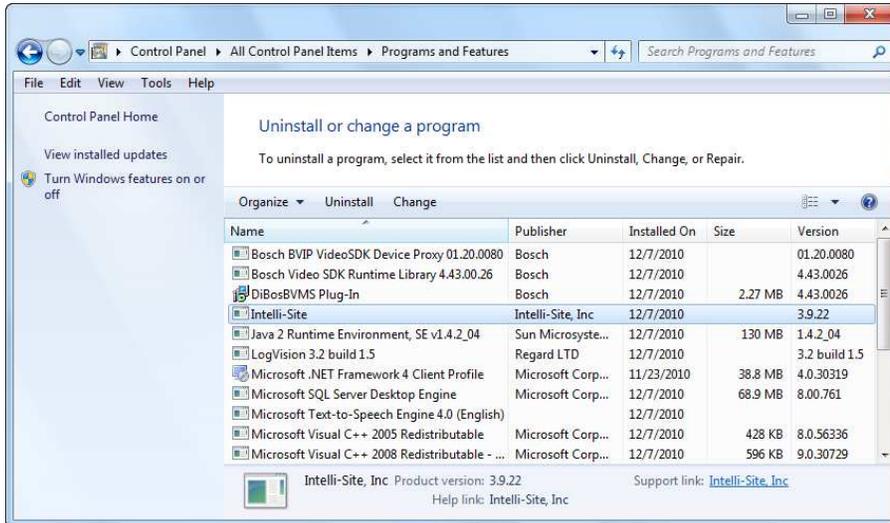
2. Highlight the **Intelli-Site** selection and click the **Change/Remove** button. The following screen will be displayed.
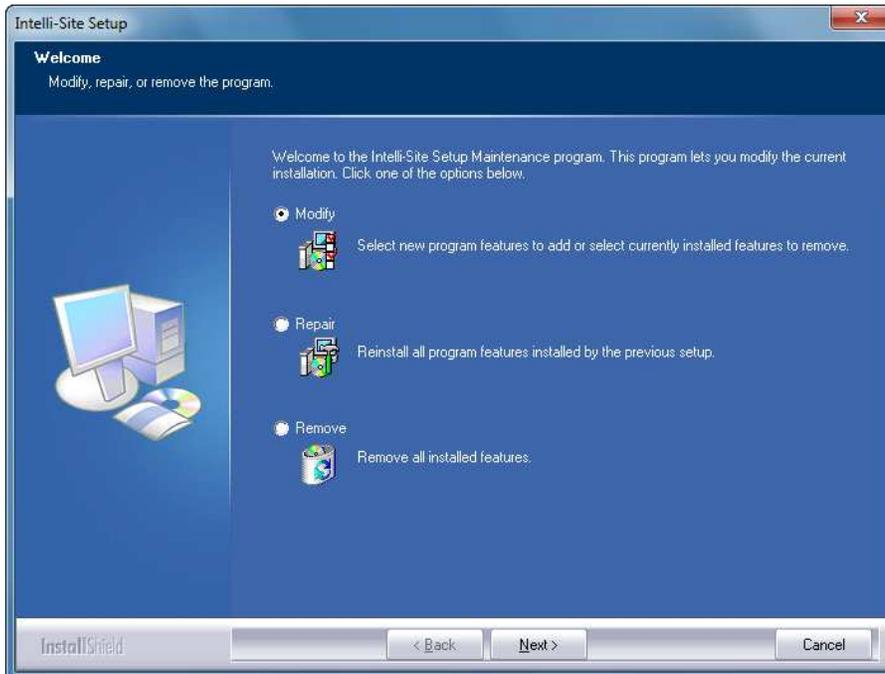
Three options are available through the Intelli-Site Setup Screen.
- Modify – Adds or removes components of the software.
- Repair – Repairs non-project specific files (exe, dll etc.).

- Remove – Removes all the installed software components.

3. Select **Remove** and click the **Next>** button to continue.
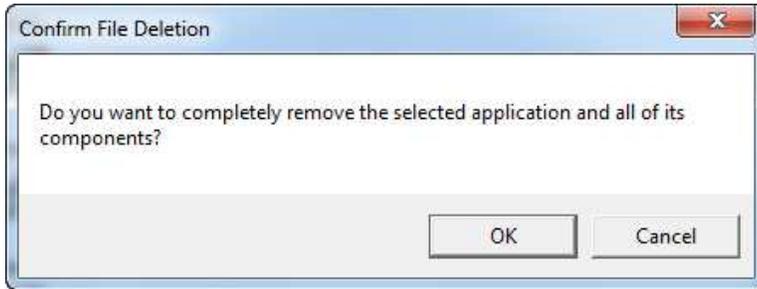
4. Click **OK** at the screen prompt.

A message will display to verify the removal of the program, and a Maintenance Complete screen like the following will display.
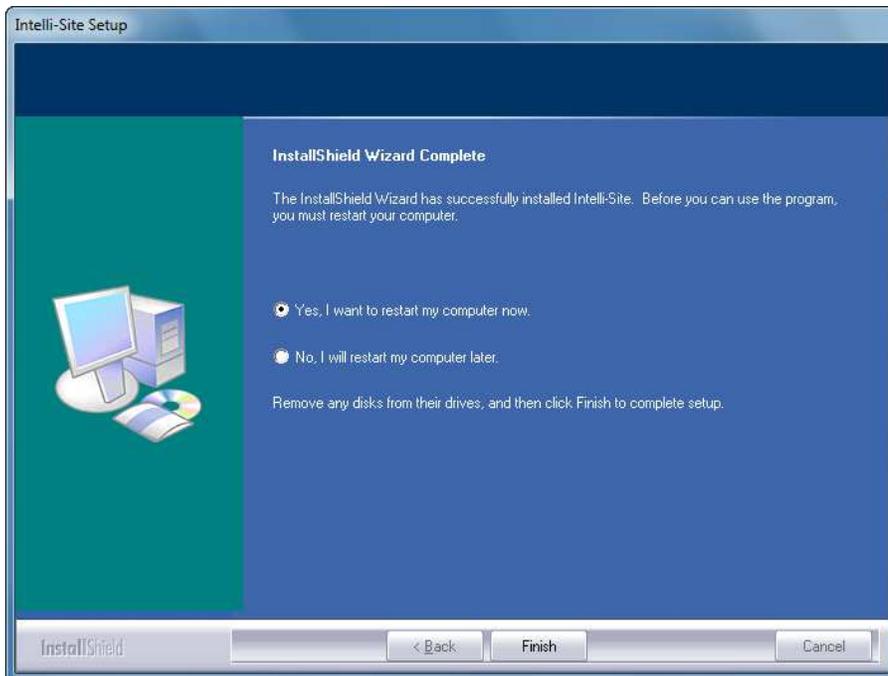
5. As a reboot is required to finish an uninstall, verify **"Yes, I want to restart my computer now."** is selected and click the **Finish** button to reboot the computer now.

Intelli-Site Software Registration

1. Make sure the computer is turned on and Windows 2003 Server/XP Desktop is displayed.

2. From the Desktop, double-click the **Intelli-Site Loader** Icon the Intelli-Site Program Loader dialog will display.
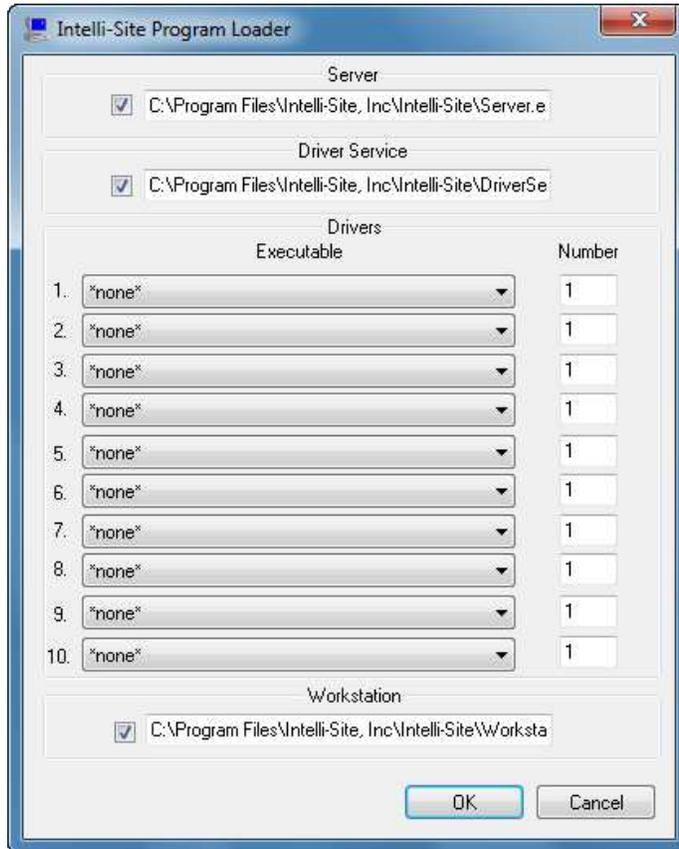
The Program Loader window verifies which components have been installed. In the example on the previous page, the ServerStation, Driver Service and Workstation have been installed along with specific device drivers. The checked box next to the program verifies the selection and a list of loaded drivers will display in the numbered entry boxes when the down arrow is clicked.

3. Click the **OK** button to start the registration. A screen prompt will momentarily display to verify the Loader is working. The following Server Registration screen will display.

Server Registration
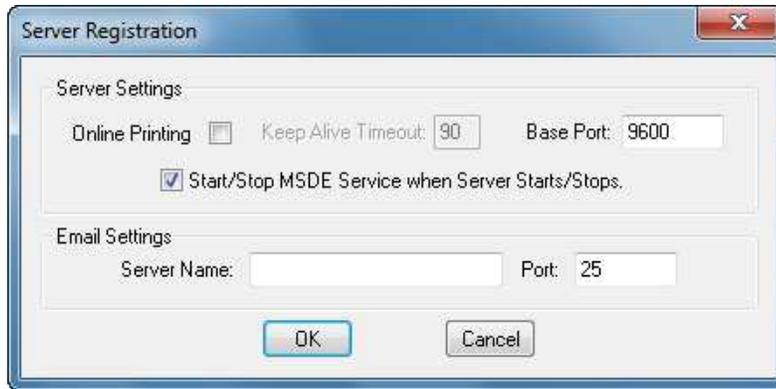
Online Printing – Select this checkbox to enable printing of the files while Intelli-Site is running. The default setting is **unselected**.

Keep Alive Timeout – Enter a time, in seconds, to which the workstation will be notified that server has gone offline.

4. Select the settings to setup the system, and click the **OK** button to continue the Loader process.

A screen will appear with a key number and an area to input the license number. The key number and license is case sensitive so please make note of the case of all characters.
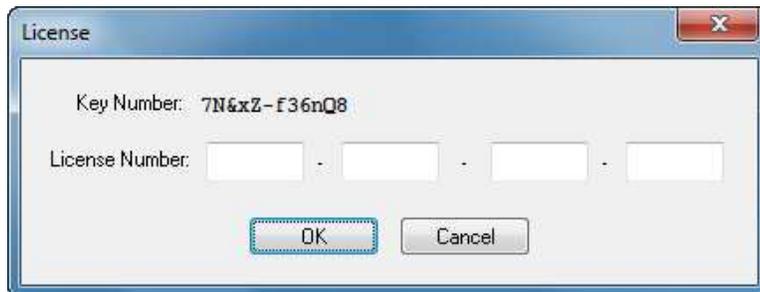
Once a valid license number is placed in the License Number fields Intelli-Site will continue to load.

Workstation Registration
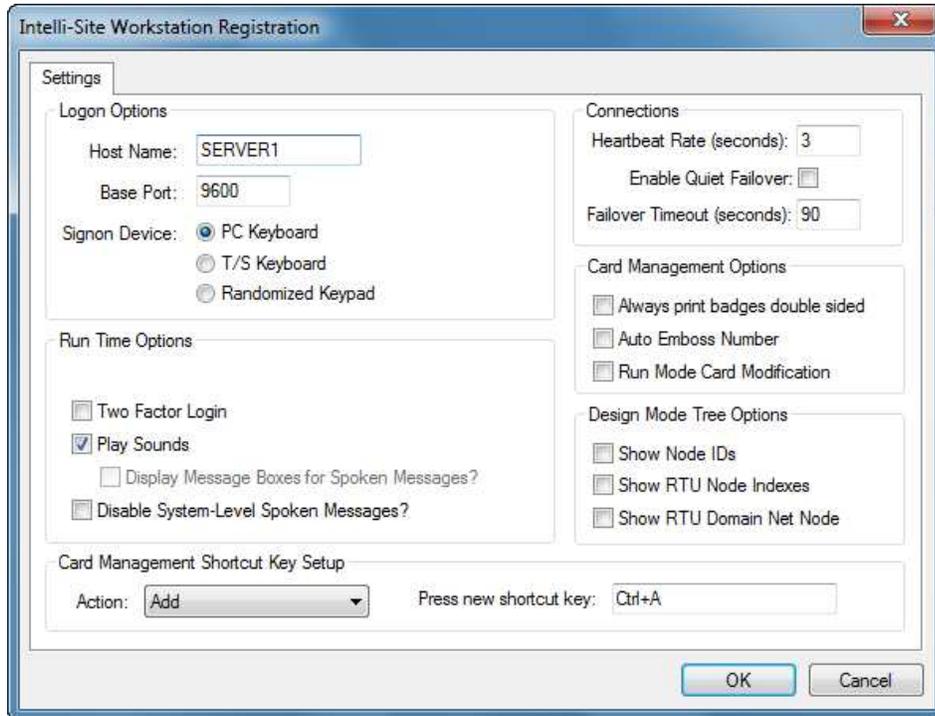
Default Server - Enter the TCP/IP address or computer as it is seen on the network (*must match exactly, CAPS, underscores etc.*.) for the server. The default Service Port setting is **9600**. This number must be unique to the computer. If any other software is to be used that runs with TCP/IP, it is important that each TCP/IP service port be unique.

LiveVideo – Enable the live video capability of the system if there will be video screens monitoring in the project. The default setting is **unselected**.

Play Sounds – Enable the system to play sounds. The default setting is **unselected** even though the system specification requires sound.

Display Message Boxes for Spoken Messages – This option becomes available if **Play Sounds** is not selected. This option allows all spoken messages to appear as text messages on the screen.

Disable System-Level Spoken Messages – This option is always available to enable the workstation to not be alerted to system-level messages.

PC Keyboard – Select this button to designate that only the computer keyboard can be used to enter the sign on user name and password. The default setting is **selected**.

T/S Keyboard – Select this button to designate that the touch screen keyboard should display upon sign on and that the user name and password can only be entered from this touch-screen keyboard. The default setting is **unselected**.

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Randomized Keypad – Select this button to designate that the touch screen keypad should display upon sign on. The keypad displays the numbers randomly to increase logon security. The user name and password can only be entered from this keypad. The default setting is **unselected**.

Card Management Shortcut Key Setup – Mnemonics are now available and can be customized on a per Workstation basis for each action that can be performed in Card Management.

Heartbeat - Increase or decrease the Heartbeat message rate (in seconds) between Server and Workstation.

Enable Quiet Failover - If the redundant Master Server goes offline, the Workstation will not logoff, but will automatically attach to the backup Server as soon as the backup Server takes over.

Failover Timeout (seconds) - Retry timeout duration for the Workstation to attempt to connect to the server when quiet failover is selected.

Show Node IDs – Enables the node ID number to display in brackets, at the beginning of each node name in the tree

Show RTU Node Indexes – Enables node index numbers to display at the beginning of each name (NOTE: GenProto nodes will used zero-based numbering)

Show RTU Domain Net Node – Enables the domain, net and node values to display at the end of each node name in parenthesis

Starting Intelli-Site

This section describes the procedure for starting Intelli-Site and opening a project for the first time. All of the Intelli-Site software components must be registered the first time they are started. Unique registration dialogs will display as needed.

There are two types of system configurations that can be assigned when operating Intelli-Site: **ServerStation** or **Workstation**. The Workstation configuration is used when there will be at least two personal computers used to operate a single Intelli-Site project. The ServerStation configuration is used when one computer is used to operate Intelli-Site, that computer operates as both the server and workstation and only the ServerStation is loaded.

When an Intelli-Site system is configured as a ServerStation, all computers connected to the same system can "see" each attached computer. This allows all of the computers to operate the system as if they were the only computer connected. This configuration allows for updates to be made to the system while other computers are connected and operating a system in real-time.

Intelli-Site Splash Screen

Before a project or user access can be generated an initial logon to the system is required. When the main screen displays a voice message will verify connection to the system and request a User Name and Password.

Sign on to Intelli-Site

At the Windows 2003 Server/XP desktop, double click the **Intelli-Site Server Icon** to start the software. For the initial login, type **master** as the user name and when prompted type the letter **m** as the password. The Master Account is a default entry account built into the temporary project template of the software. From this account other user accounts can be created. A voice message will verify successful logon to the Intelli-Site system. The Intelli-Site software is now loaded and ready for the first project and driver configuration.

> **NOTE:** When entering the **User Name** and Password, be aware these entries are case-sensitive. Enter the **User Name** and **Password** as issued by the Intelli-Site Administrator.
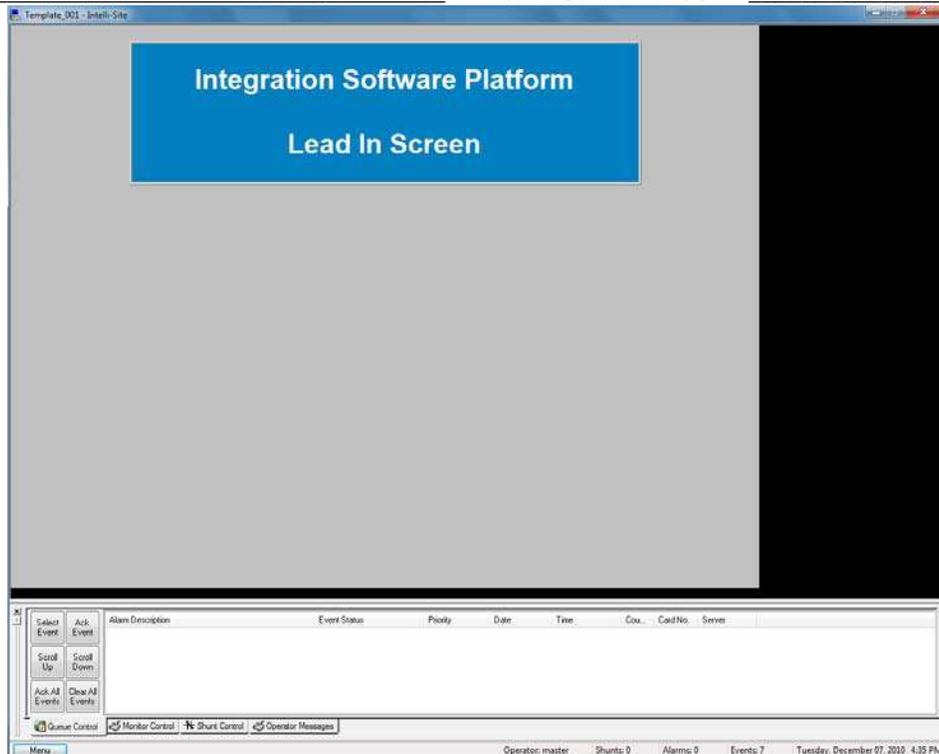
Intelli-Site specific icons will display in the Windows System Tray that represent components of the system and keep the Administrator or User up-to-date regarding the status of the system.

The **Server Icon** is represented by the solid red icon. It will display solid red to verify the server is connected.

The **Driver Icon** is loaded and may display green, red or white representing various connection states. It may also flash as connection states fluctuate.

The Intelli-Site system is now installed, registered and ready for setup to the customer's specified requirements. See the Reference Guide for information on software operation, project design and configuration.

Configuration for Multi-Lingual Support

Intelli-Site is designed to support other languages beyond the English language. Intelli-Site pulls from your Windows 2003 Server/XP configuration of the regional settings for which language it will use as a default. In the screen shots below we have the steps you would take in your regional settings of Windows 2003 Server/XP to allow Intelli-Site to operate with Spanish language settings.

2. First go into the **Control Panel** and select **Regional Options**

.
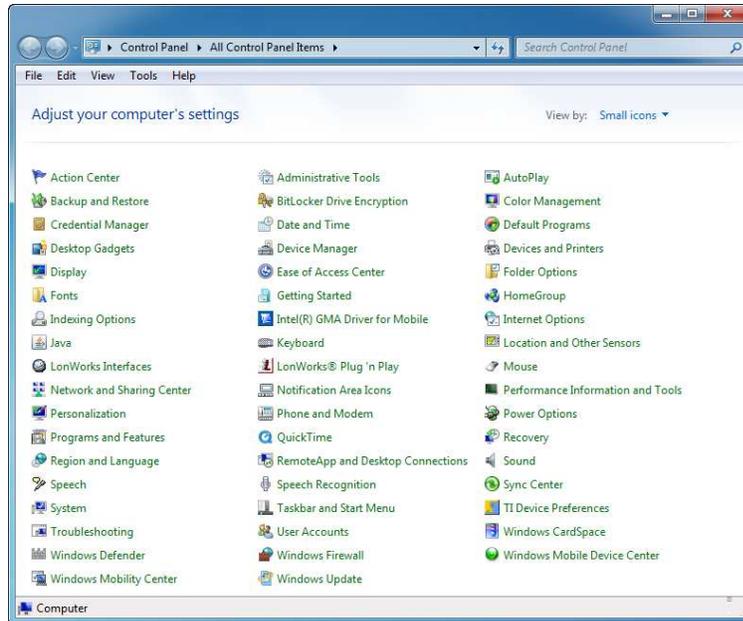
3. Next in the **Regional Options** window on the Formats tab select the applicable country. In our example we chose Spanish (Mexico).

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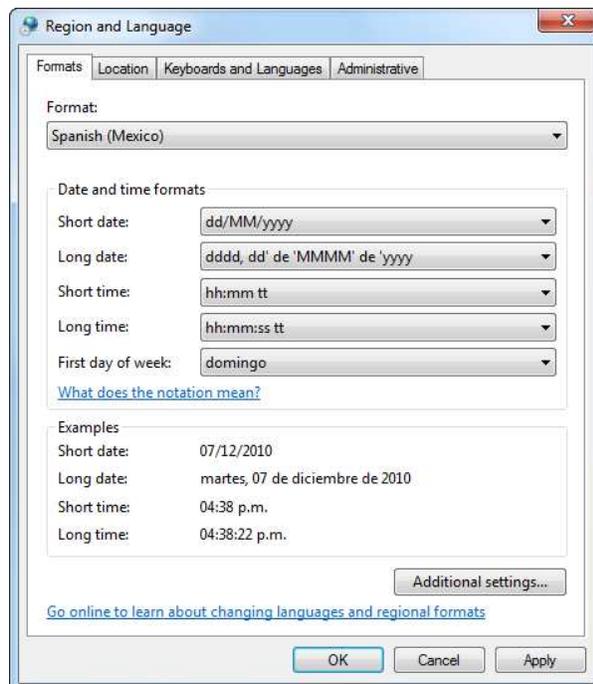
4. Select the Location tab, and choose your area. In this case we chose Mexico. Click OK and then Apply and OK.