



Millennium Xtra version 4.0.x Installation Guide

Install Guide

Contents: This document provides installation instructions for Millennium Xtra version 4.0.x.

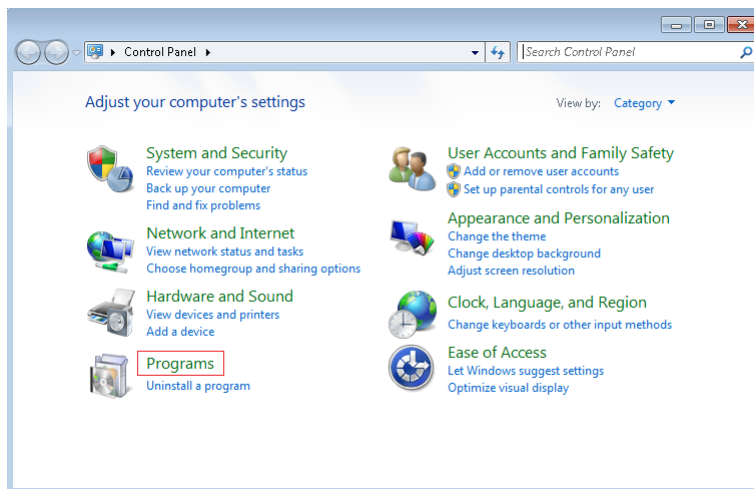
Overview: The installation, including the prerequisites and SQL Server, will generally take 30-35 minutes to complete.

- Installing Prerequisites
- Installing SQL Server 2014 Express with Advanced Services
- Installing Millennium Xtra 4.0.x

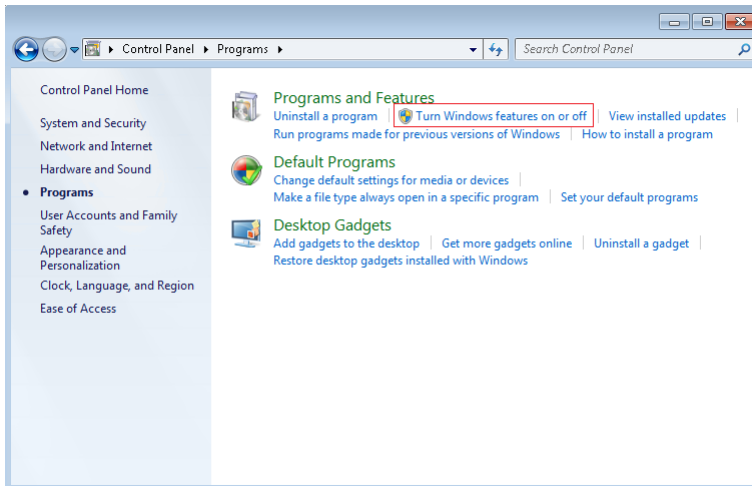
Installing Prerequisites: Microsoft .NET Framework 3.5 Service Pack 1 is required before installing Microsoft SQL Server. The installation of .NET Framework 3.5 differs depending on what version of Windows the software is being installed on.

On Windows 7:

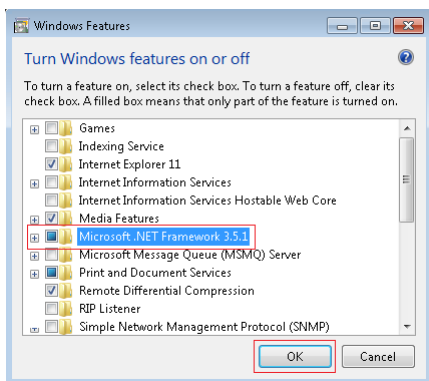
1. From the **Start** menu, select **Control Panel** and then click on **Programs**.



2. Under **Programs and Features**, click **Turn Windows features on or off**.



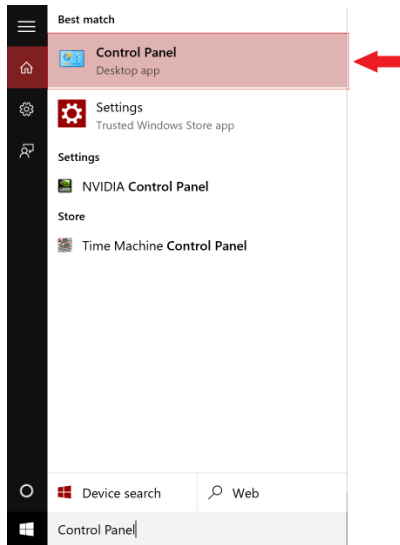
3. The **Turn Windows features on or off** screen will popup. Check the checkbox next to **Microsoft .NET Framework 3.5.1** and click **OK**.



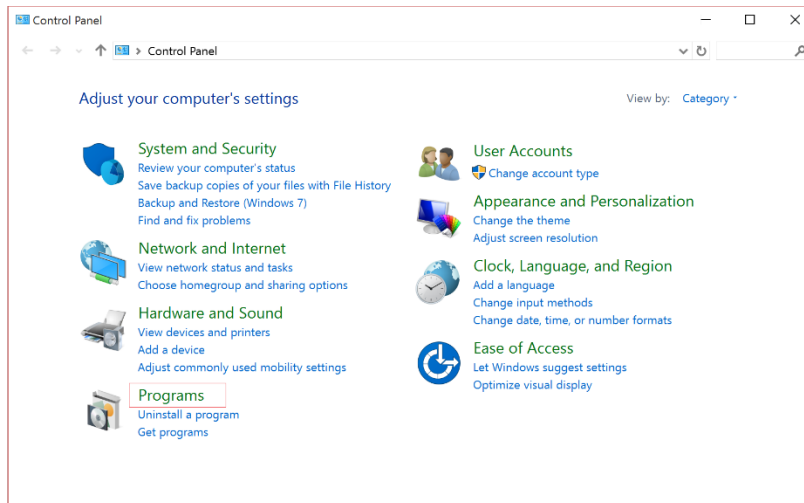
4. Windows will now install Microsoft .NET Framework 3.5.1.

On Windows 10 Professional:

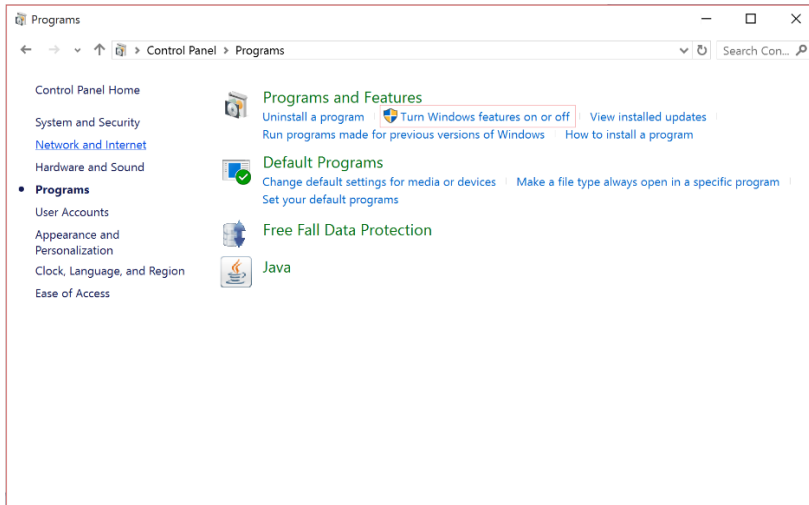
1. In Windows 10, type 'Control Panel' in the **Search the web and windows** box and click the **Control Panel** icon.



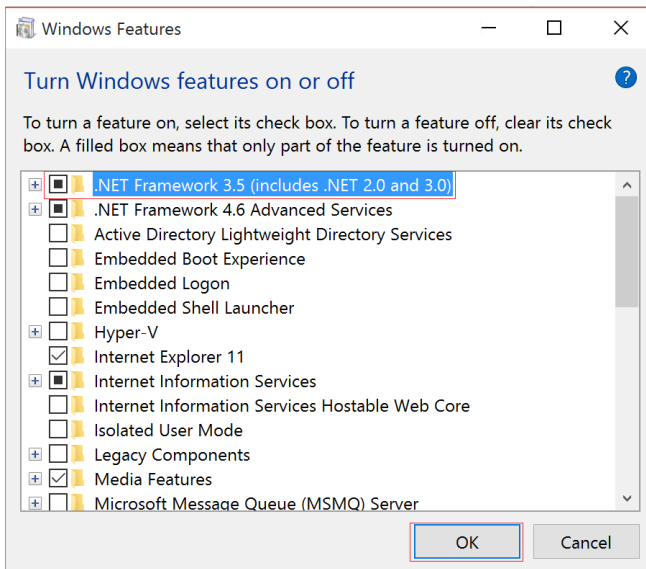
2. Windows **Control Panel** will open. Click the **Programs** link.



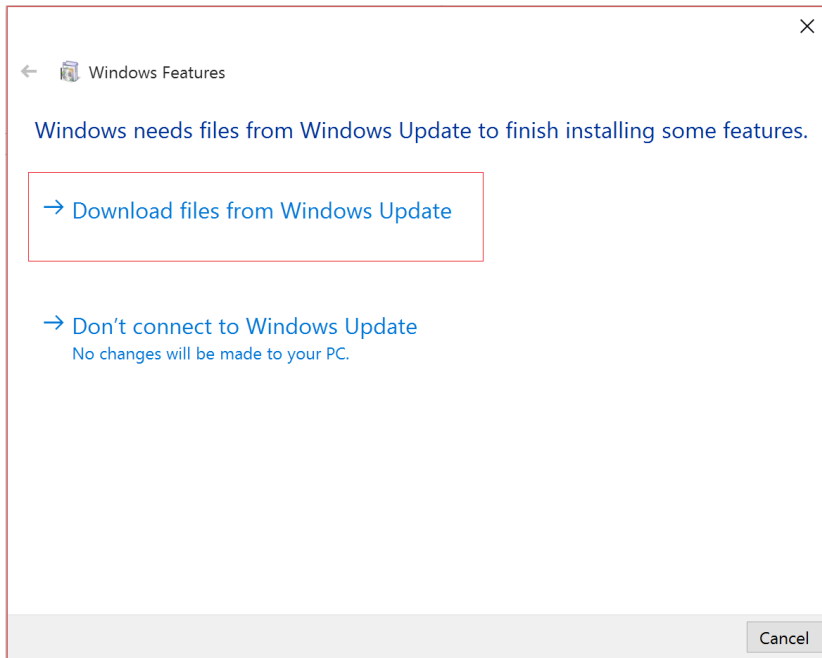
3. Under **Programs and Features**, click **Turn Windows features on or off**.



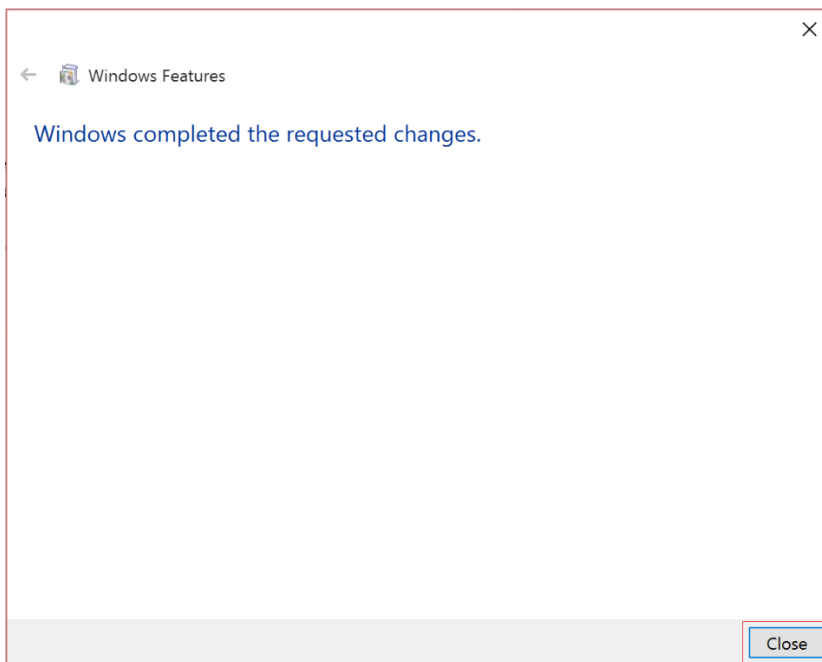
4. A **Windows Features** box will popup. Check the checkbox next to **.NET Framework 3.5 (includes .NET 2.0 and 3.0)** and click **OK**.



5. Windows will begin to install .NET Framework. In some cases, Windows may display a screen indicating that it needs to download files from Windows Update. If you see the screen below, click **Download files from Windows Update**.

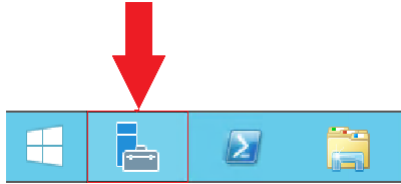


6. The feature installation will complete. Once the installation complete message is displayed, click **Close**.

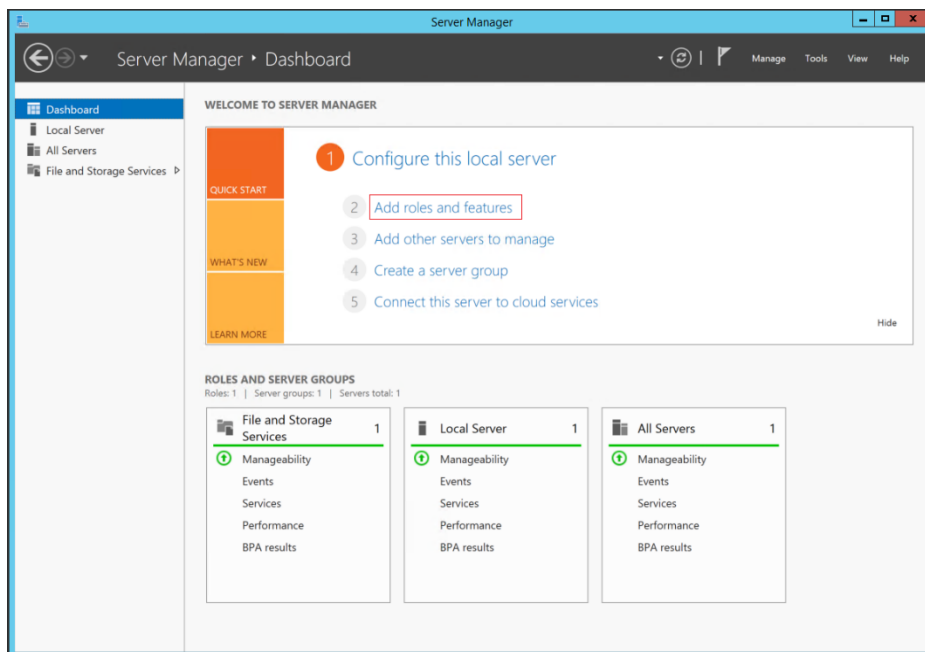


On Windows Server 2012:

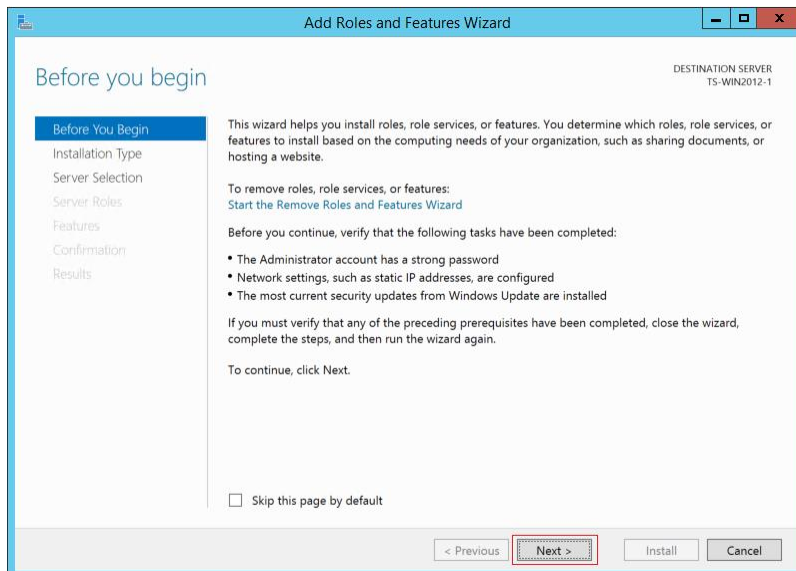
1. On Windows Server 2012, open Server Manager by clicking on the icon located next to the Start button.



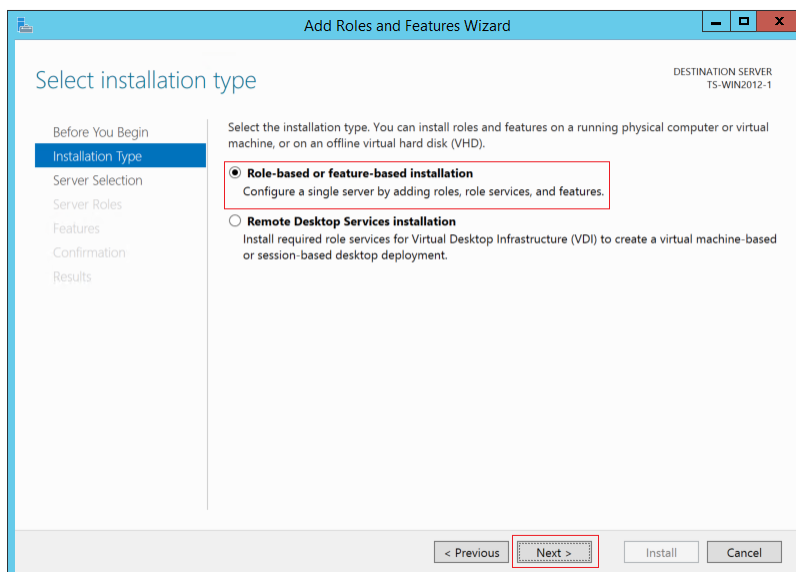
2. Under **Configure this local server**, click **Add roles and features**.



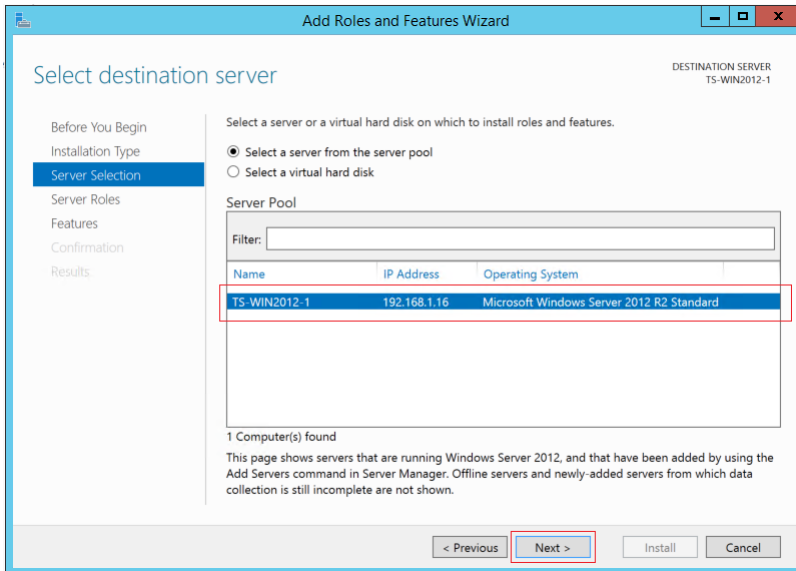
3. The **Add Roles and Features Wizard** will appear. Click **Next**.



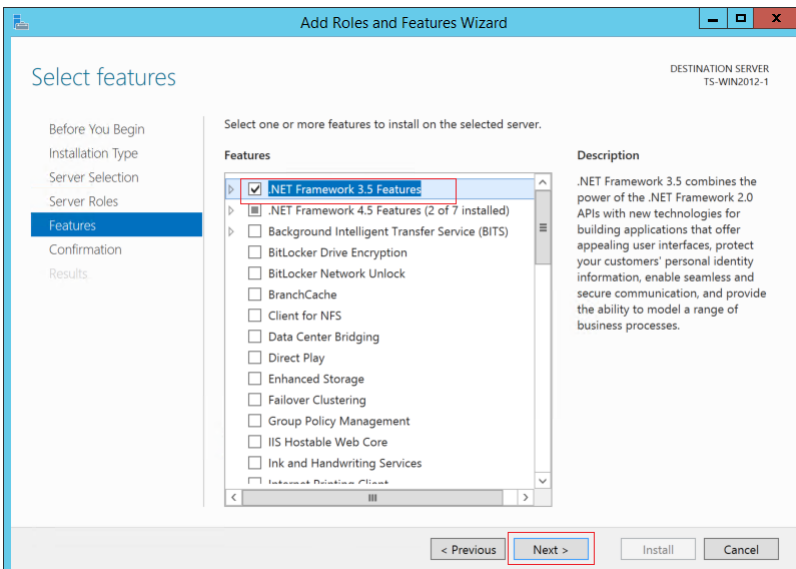
4. Select **Role-based or feature-based installation** and click **Next**.



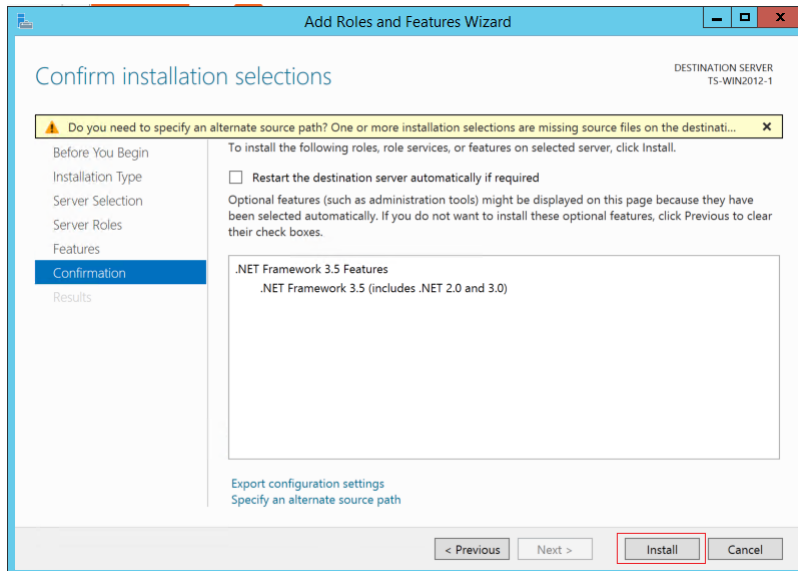
5. A **Select destination server** screen will be displayed. Select the server from the server pool and click **Next**.



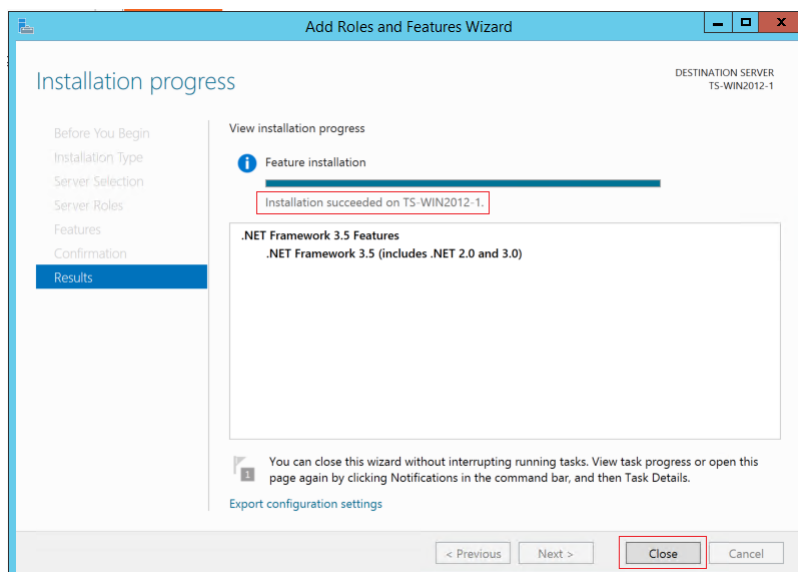
- The **Select server roles** screen will be displayed. In the left pane, click **Features**. The screen will change to **Select features** and a list of features will be displayed. Check the checkbox next to **.NET Framework 3.5 Features** and click **Next**.



- A **Confirm installation selection** page will appear. Click **Install**.

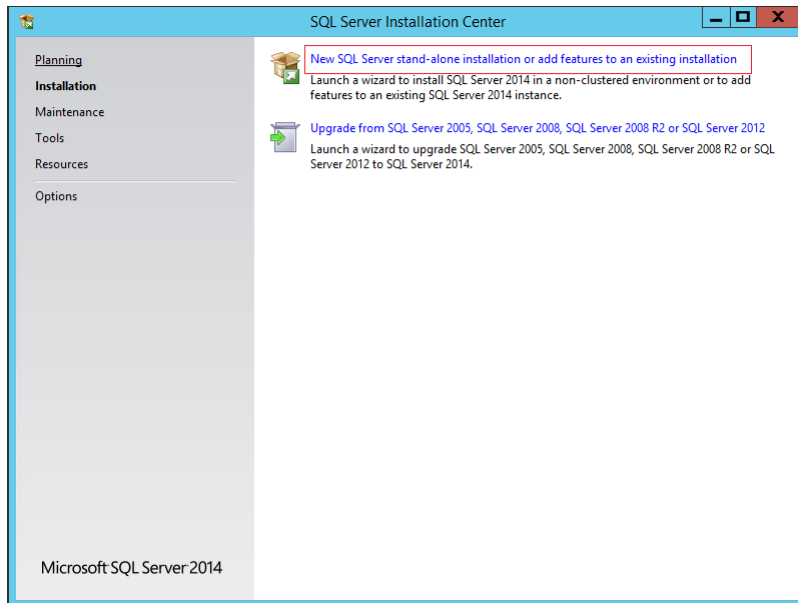


8. An **Installation progress** screen will be displayed and the installation will begin. It may take several minutes to complete. When the installation completes, click **Close**.

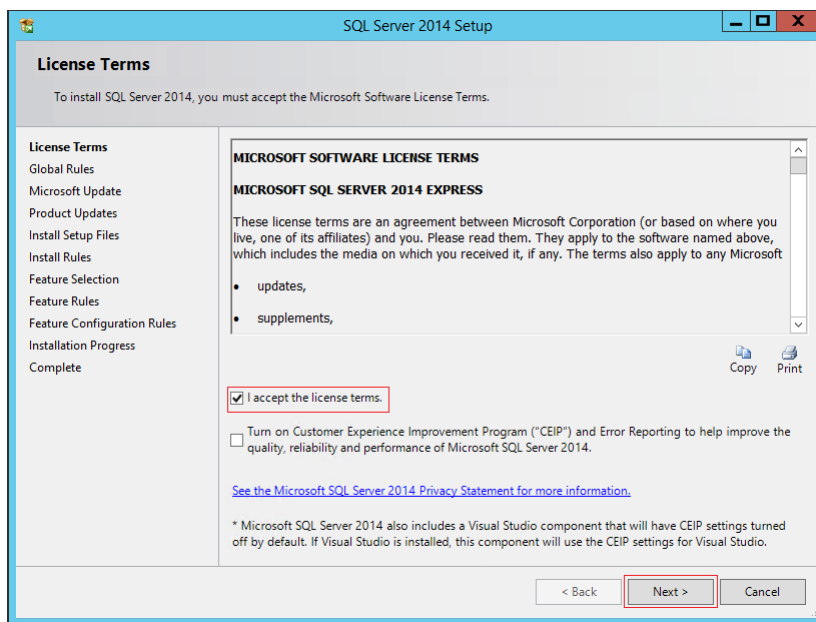


SQL Server Installation: *Note* It is strongly recommended that the Xtra application and SQL Server are installed on the same computer.

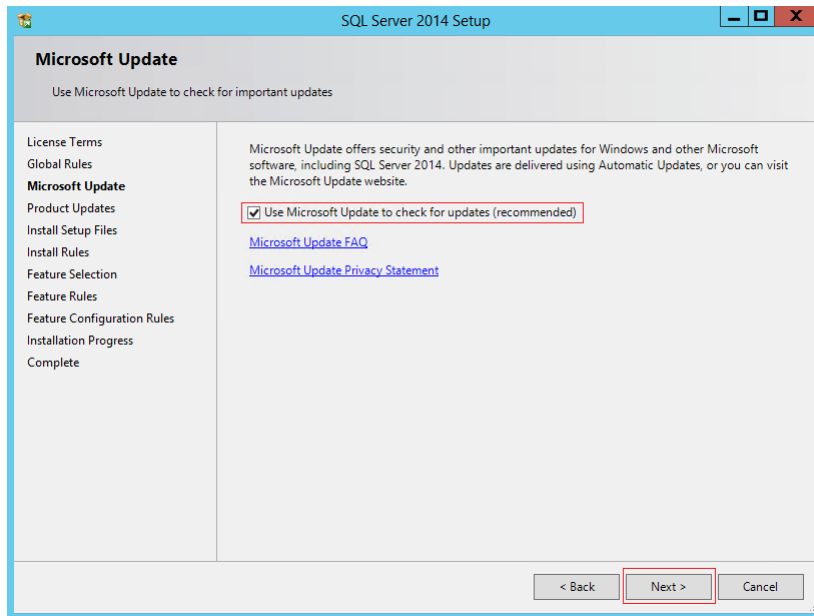
1. Place the installation disk in the DVD drive and browse to the **SQLEXPRESS** folder.
2. Double-click **SETUP.exe**. *Note* file extensions may be hidden. Be sure to execute the application file and not the XML configuration file.
3. The **SQL Server Installation Center** screen will be displayed. Click the blue link titled **New SQL Server stand-alone installation or add features to an existing installation**.



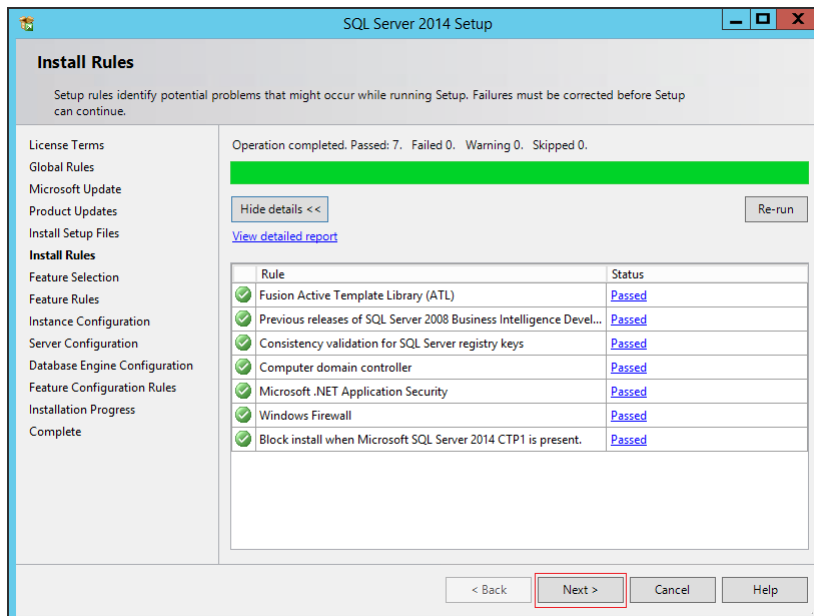
4. A **License Terms** screen will be displayed. Check the check box next to **I accept the license terms** and click **Next**.



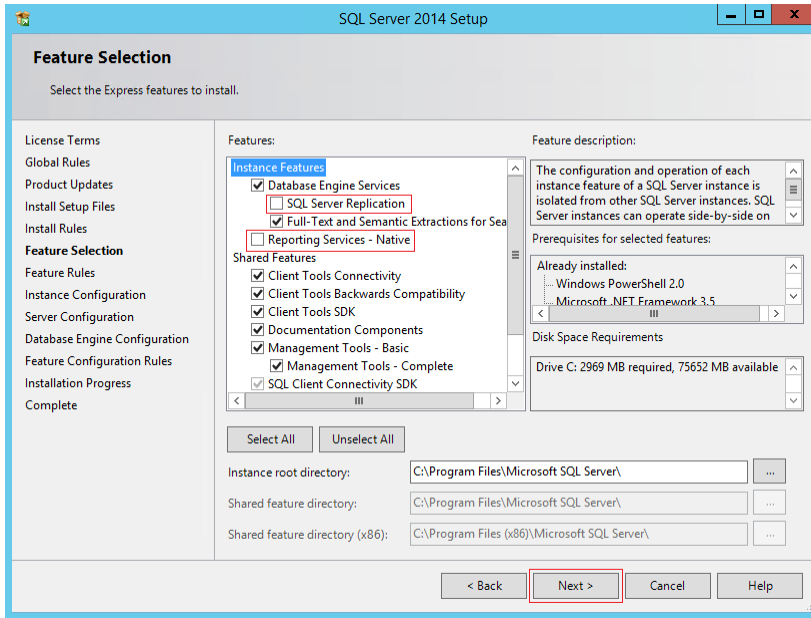
5. A **Microsoft Update** screen will appear. If you would like to use Microsoft Update to apply the latest updates to SQL Server 2014, check the checkbox and click **Next**.



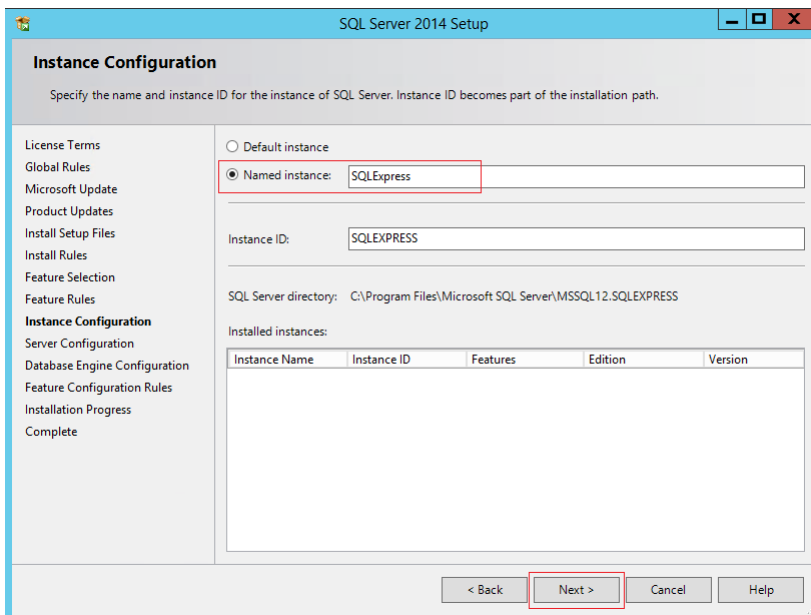
6. An **Install Rules** screen may be displayed. Click **Next**.



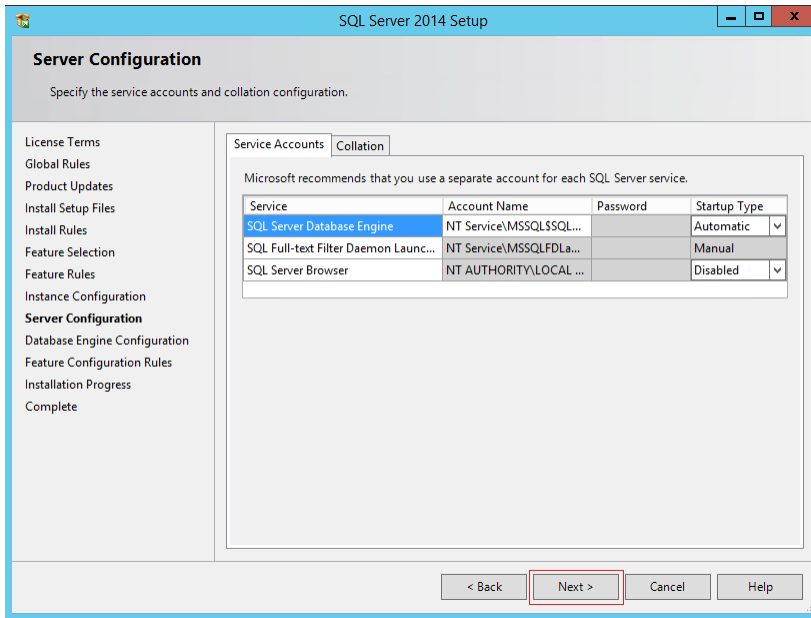
7. The **Feature Selection** screen will be displayed. Uncheck **SQL Server Replication** and **Reporting Services – Native**. All other features should be selected. click **Next**.



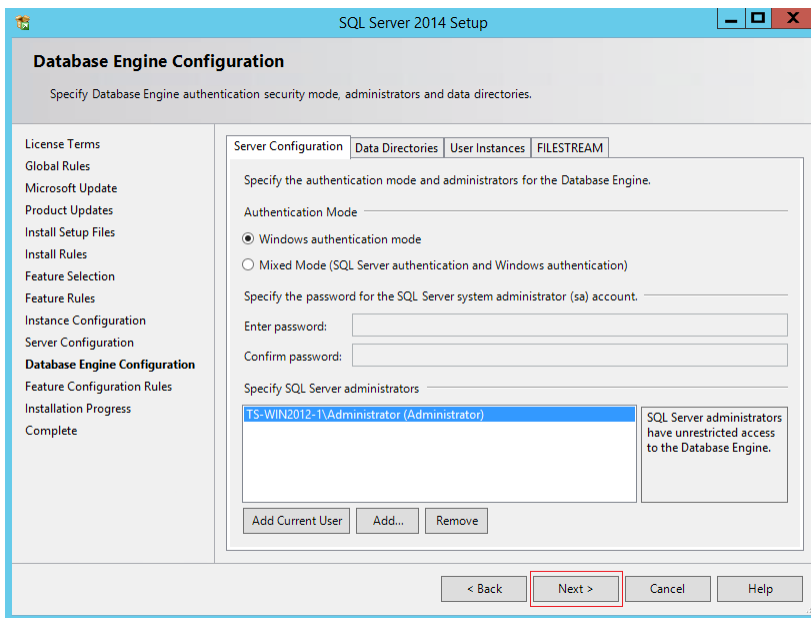
8. An **Instance Configuration** screen will be displayed. Select **Named instance** and provide a name. Typically it is recommended to leave the default name, **SQLEXPRESS**. Click **Next**.



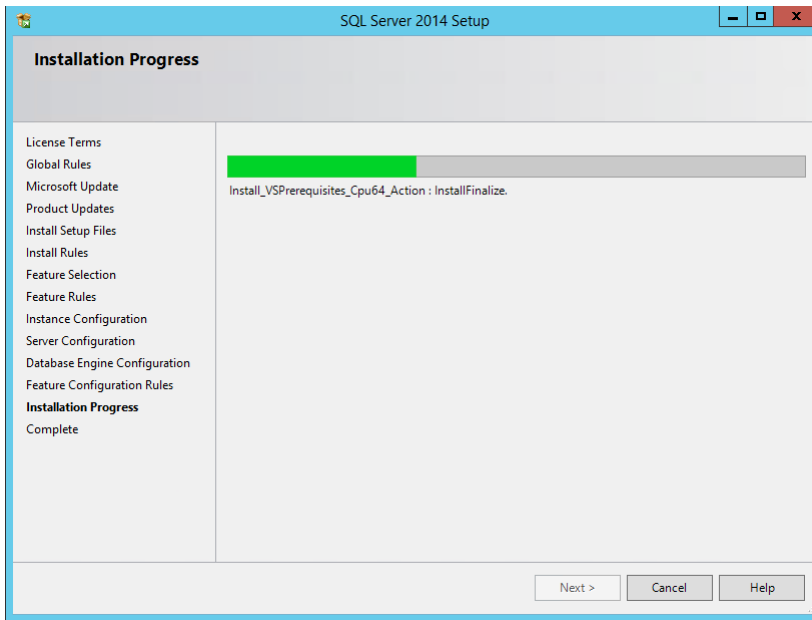
9. A **Server Configuration** screen will be displayed. Click **Next**.



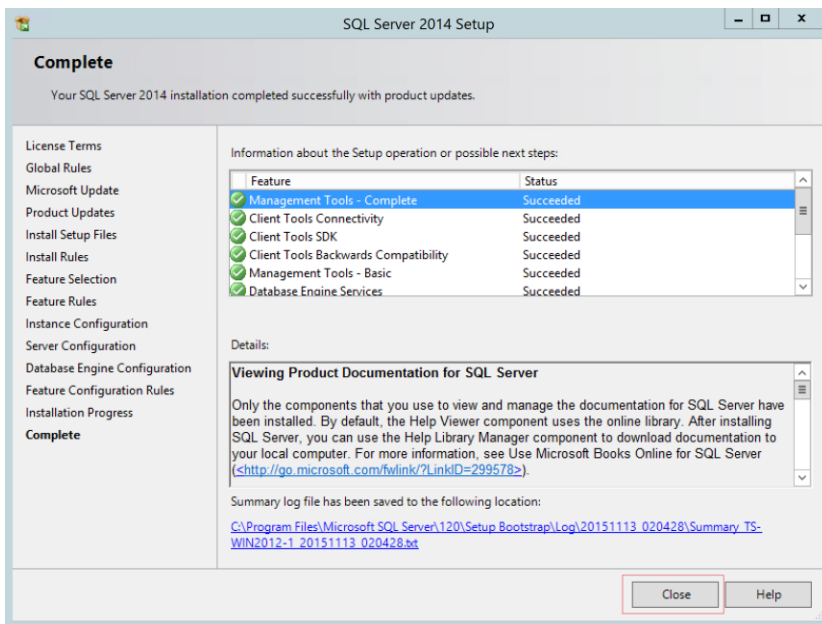
10. The **Database Engine Configuration** screen will be displayed. Click **Next**.



11. An **Installation Progress** window will appear. The installation may take 15-20 minutes or longer depending on the speed of the server. Allow the install to complete.



12. Once SQL Server install has completed, click **Close**.



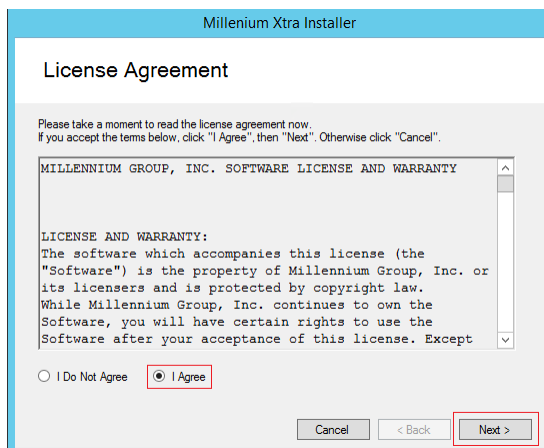
13. A server restart may be required. If prompted, reboot the server.

Millennium Xtra v.4.0.x Installation:

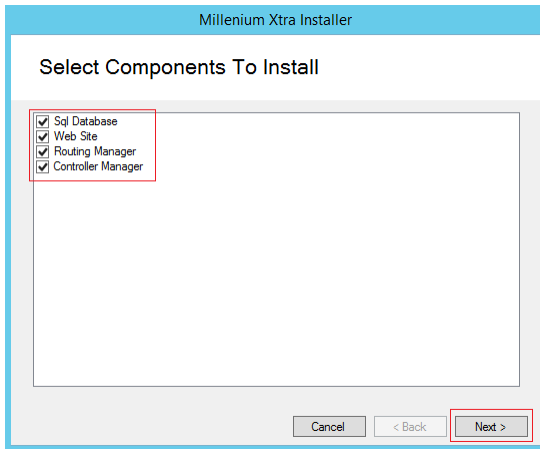
1. If the Millennium Xtra v4.0.x DVD is not already in the DVD drive, insert it now.
2. Explore the DVD and double-click the file **BootstraperInstall.exe**. Be sure to execute the application titled **BootstraperInstall.exe** (file type = application) and not the XML configuration file.

Name	Date modified	Type	Size
Documentation	11/16/2015 9:38 AM	File folder	
SqlExpress	11/16/2015 9:36 AM	File folder	
BootstraperInstall	10/29/2015 6:34 AM	Application	2,758 KB
BootstraperInstall.exe	5/5/2014 4:34 AM	XML Configuration File	1 KB
Common.dll	10/29/2015 6:32 AM	Application extension	188 KB
ControllerManagerInstaller	10/29/2015 6:33 AM	Windows Installer Package	860 KB
DatabaseInstaller	10/29/2015 6:33 AM	Windows Installer Package	237 KB
InstallerHelper.dll	10/29/2015 6:32 AM	Application extension	87 KB
Interop.ActiveDs.dll	10/29/2015 6:32 AM	Application extension	104 KB
Interop.IISole.dll	10/29/2015 6:32 AM	Application extension	10 KB
Ionic.Zip.dll	5/5/2014 4:34 AM	Application extension	435 KB
Microsoft.Web.Administration.dll	5/5/2014 4:34 AM	Application extension	124 KB
RoutingManagerInstaller	10/29/2015 6:33 AM	Windows Installer Package	38,320 KB
System.Management.Automation.dll	7/10/2015 4:01 AM	Application extension	6,502 KB
WebSiteInstaller	10/29/2015 6:34 AM	Windows Installer Package	123,244 KB

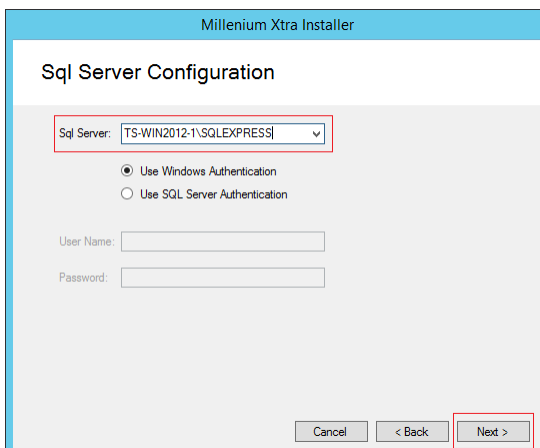
3. A **License Agreement** screen will be displayed. If you accept the license agreement, check **I Agree** and click **Next**.



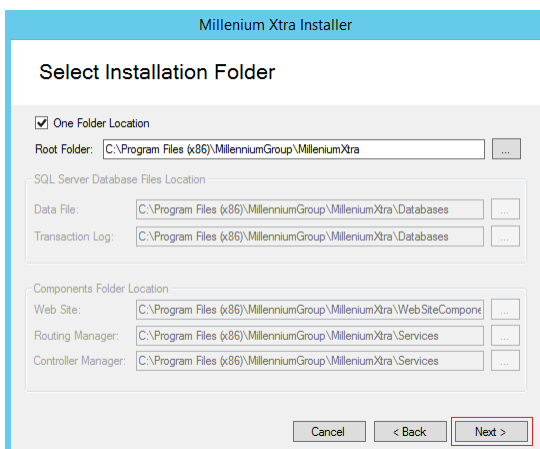
4. A **Select Components To Install** screen will be displayed. Ensure all of the checkboxes are checked and click **Next**.



5. On the **SQL Server Configuration** screen, enter the **SQL Server** name. The SQL Server name is typically in the format **ServerName\InstanceName**. Click **Next**.



6. A **Select Installation Folder** screen will appear. It is recommended to leave the install folders at the default settings. Click **Next**.



7. An **IIS Server Configuration** screen will be displayed. Leave the settings at the default and click **Next**.

The screenshot shows the 'IIS Server Configuration' window of the 'Millennium Xtra Installer'. It has two radio buttons: 'Install like Default Web Site' (selected) and 'Install to Virtual Web Site'. Below is a 'Virtual Web Site Configuration' section with a 'Web Site Name' field containing 'Millenium' and a 'Web Site Port' spinner set to '80'. At the bottom are 'Cancel', '< Back', and 'Next >' buttons, with the 'Next >' button highlighted by a red rectangle.

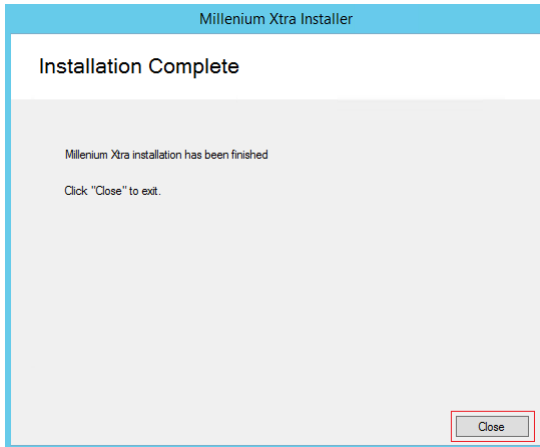
8. On the **.NET Remoting Port Configuration** screen, leave the settings as default and click **Next**.

The screenshot shows the '.NET Remoting Port Configuration' window. It contains five rows of port configuration, each with a label and a spinner box: 'Access Startup Port' (8010), 'Web Server Session Helper Port' (8000), 'Routing Manager Port' (8002), 'External Task Manager Port' (8001), and 'Controller Manager Port' (8006). At the bottom are 'Cancel', '< Back', and 'Next >' buttons, with the 'Next >' button highlighted by a red rectangle.

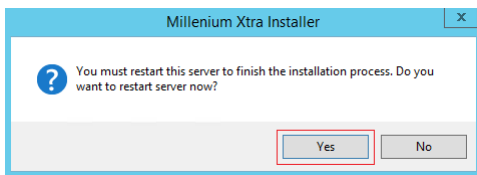
9. The Millennium Xtra software installation will begin.

The screenshot shows the 'Millennium Xtra Installation' window. It features a progress bar at the bottom with a green segment on the left, indicating progress. Above the bar, the text 'Sql Database installation in progress' is visible. A 'Close' button is located in the bottom right corner.

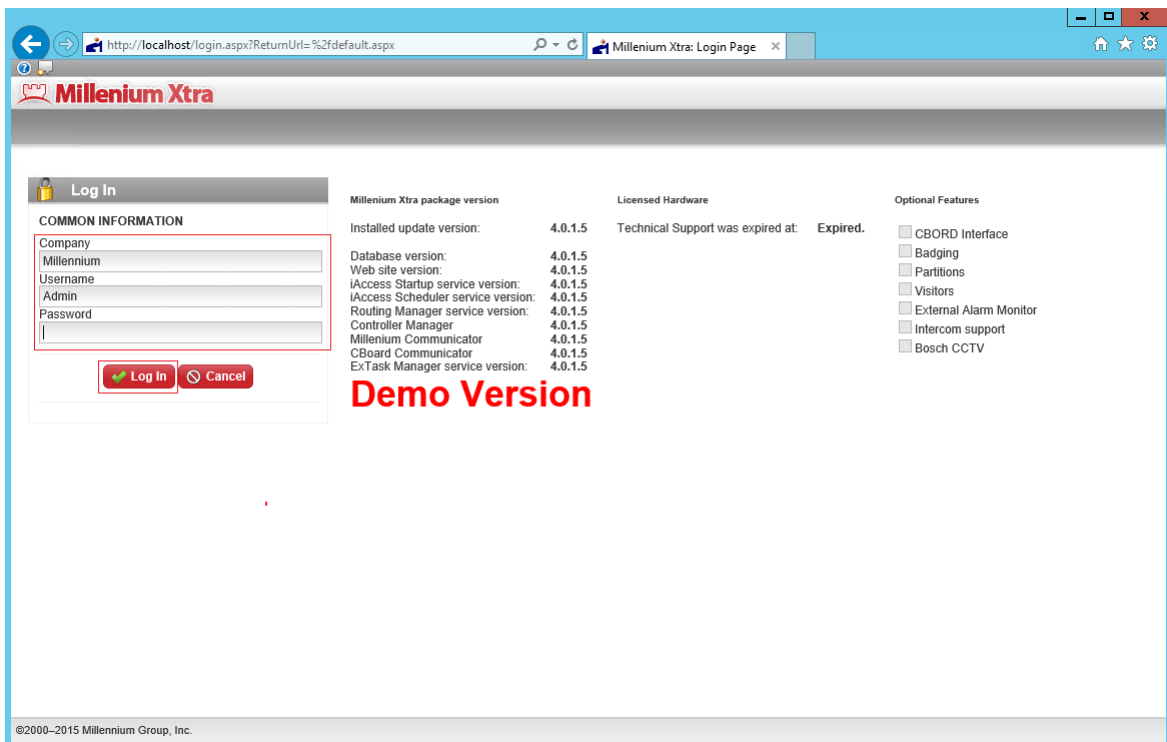
10. Once the installation is complete, click **Close**.



11. If prompted to restart the server, click **Yes** and allow the server to reboot.



12. After the server reboots, log into Windows and open a web browser. Type **localhost** in the address bar and press **Enter**. The Millenium Xtra login page will be displayed. In the **Company** field, enter **Millennium**. Enter the default **Username** of **Admin** and leave the **Password** empty. Click **Log In**.



13. Upon logging into Xtra, the **Product Registration** screen will be displayed. Fill in the required fields on the **Customer Information** and **Dealer Information** screens. Once the information is filled in, click the **Send To Millennium Group** button. The registration information will be automatically emailed to Millennium Group Technical Support, who will send an email response with the Site Key to enable the license.

Note Alternatively, if the server does not have direct internet access, you can click **Save to PDF**, save the file locally and then email to tsupport@millennium-groupinc.com

Product Registration

System Serial Number: ABC123
Date of Installation: 11/17/2015
Site Code: D857 1C78 AF39 8891 65 **Recalculate**

Comments:

Customer Information **Dealer Information** **Millennium Group Information**

Customer Full Name: Millennium
Customer Short Name: Millennium
Vertical Market:

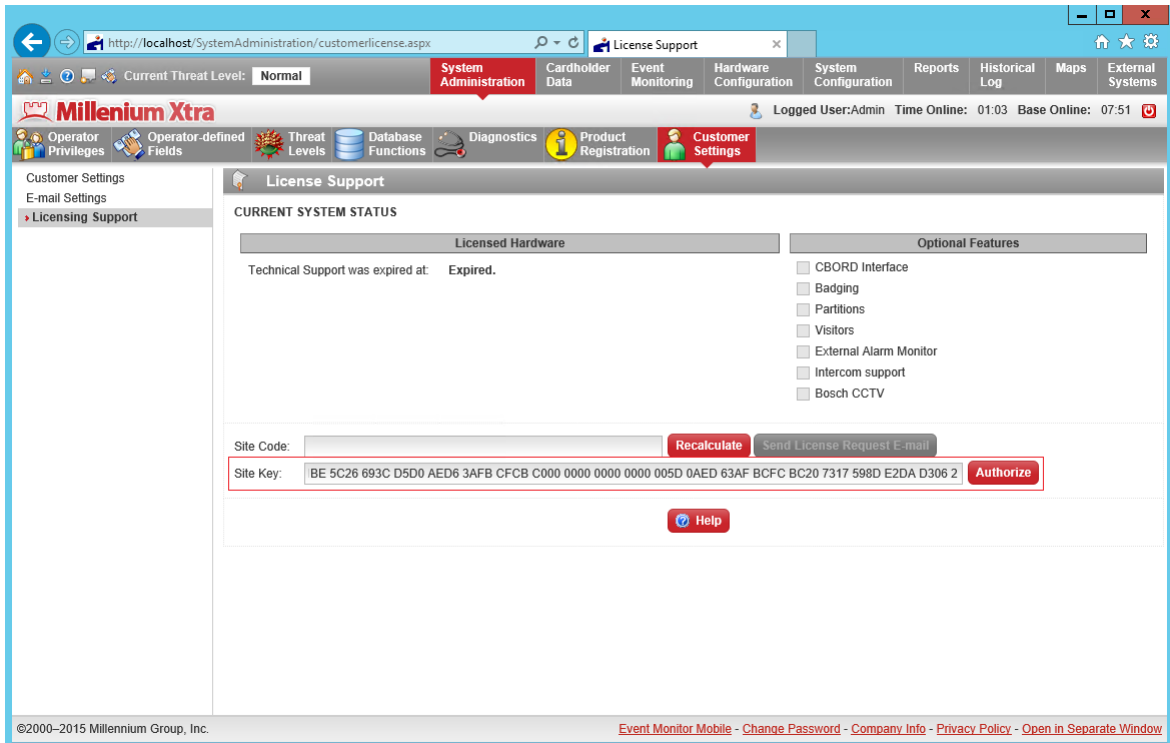
CUSTOMER ADDRESS
Street: 16 Tech Circle
City: Natick
State: Massachusetts
Postal Code: 01760

CUSTOMER CONTACT
Name: John Doe
Phone: 123-456-7890
Email: jdoe@millennium-groupinc.com
Job Title: Security Administrator

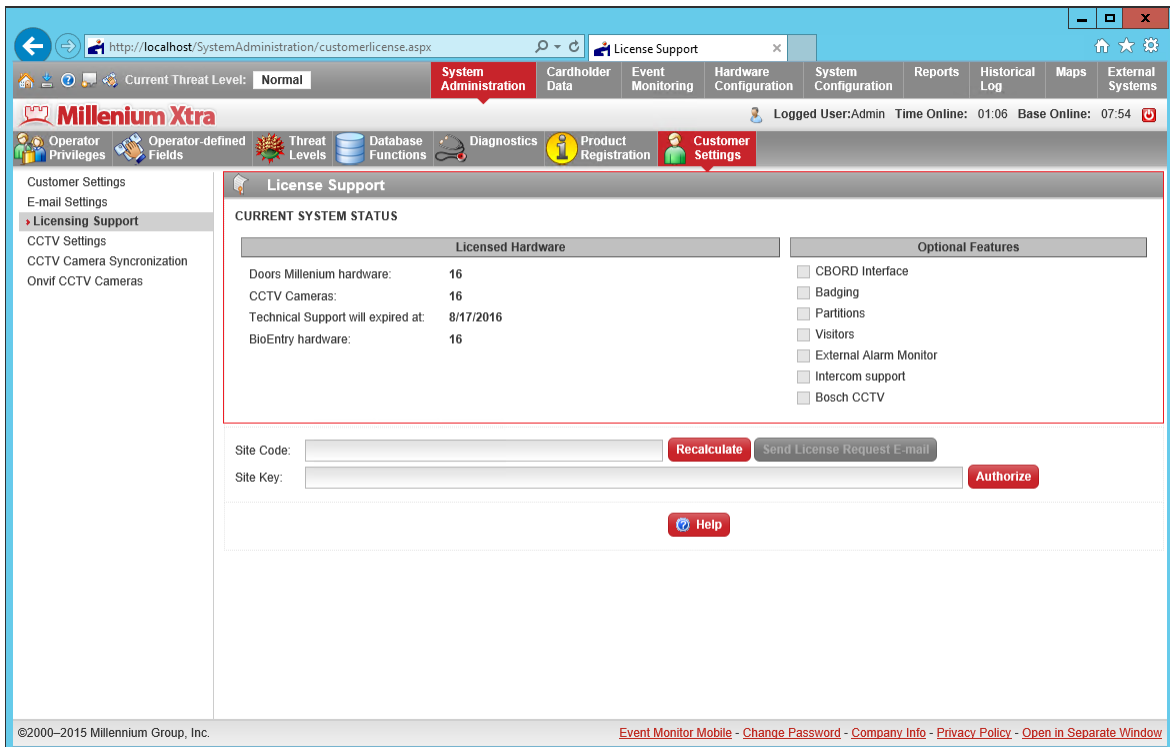
Send to Millennium Group **Save to PDF** **Save** **Cancel** **Help**

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14. After you have received the response that includes the **Site Key** from Millennium Group Technical Support, navigate to the **System Administration > Customer Settings** screen in Xtra. In the left pane, click **Licensing Support**.
15. Copy and Paste the Site Key provided by Millennium into the Site Key field. Click **Authorize**.



16. The Xtra software will validate the Site Key and licensed capacities will be displayed under the **Licensed Hardware** section. Software Options that have been purchased should be displayed under **Optional Features**.



17. The Millennium software installation and licensing is now complete.