



Installation Procedures

P/N 126-0903-004 Rev. 00

21 July 2010

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Preface

Centracs[™] is a true client-server application. The *server* side maintains the database, performs device communications, performs periodic functions, etc. The *client* is the component that provides the user interface. *Centracs* can be set up with all components on a single computer or can be distributed across several separate servers and multiple client workstations. The client-to-server communication is very efficient, even across a wide-area network.

The software installation procedures in this manual are given in separate chapters:

1. Centracs Core Server Install
2. Centracs NTCIP Communication Server Install
3. Centracs NTCIP Client Workstation Install

Prerequisites

To install and uninstall software, you must be logged into Windows[®] with administrative privileges or with the correct permissions set. If necessary, contact your IT/IS department.

Before setup, make sure that Microsoft[®] .NET Framework 3.5 Service Pack 1 is installed¹.

Notes

- If all Microsoft updates have already been installed, then Microsoft .NET Framework 3.5 SP1 is included.
 - To download and install Microsoft .NET Framework 3.5 SP1, you must have an Internet connection.
-

More Information about Centracs

For more information, call or email Econolite Technical Support:
800-225-6480 / support@econolite.com

Our website: www.econolite.com

To access the Econolite Technical Support website, go to
<http://techsupport.econolite.com/> and register.

¹ If you were to start the setup without Microsoft .NET Framework 3.5 SP1 installed, the InstallShield[®]:

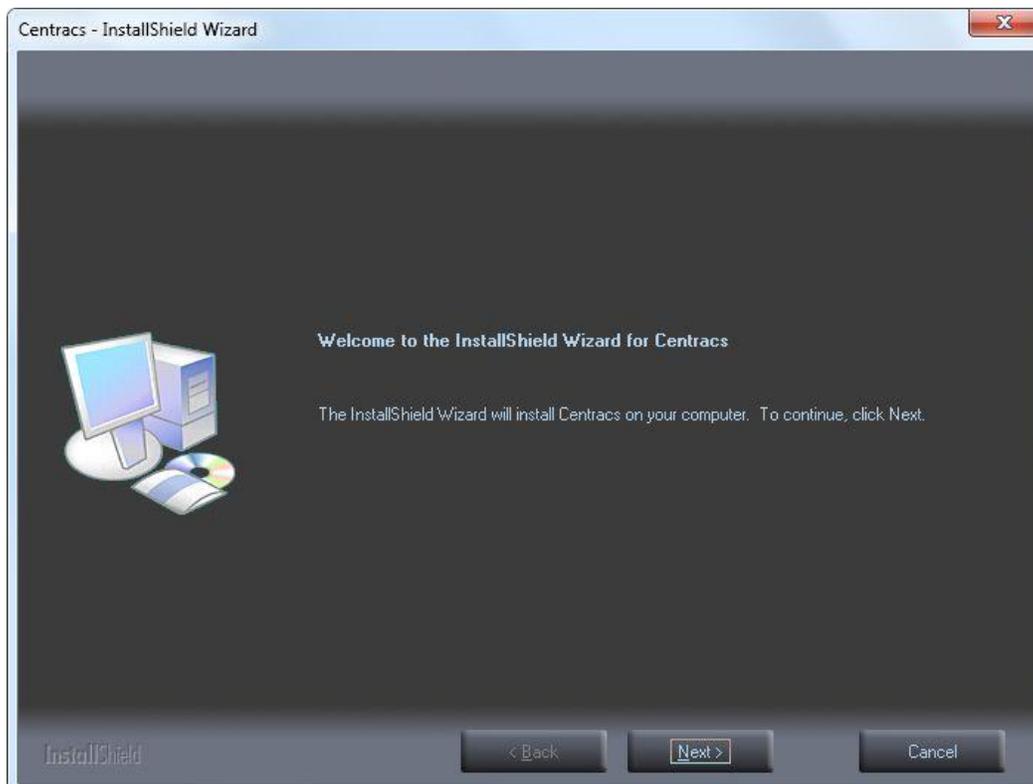
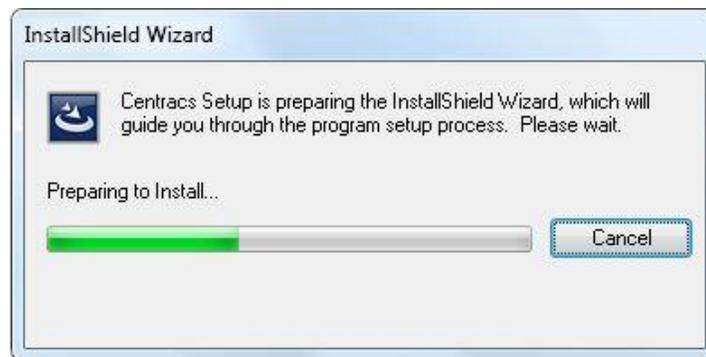
1. Would attempt to download it from Microsoft.
2. After the download, would require a restart of the workstation before it continued with the *Centracs* install.

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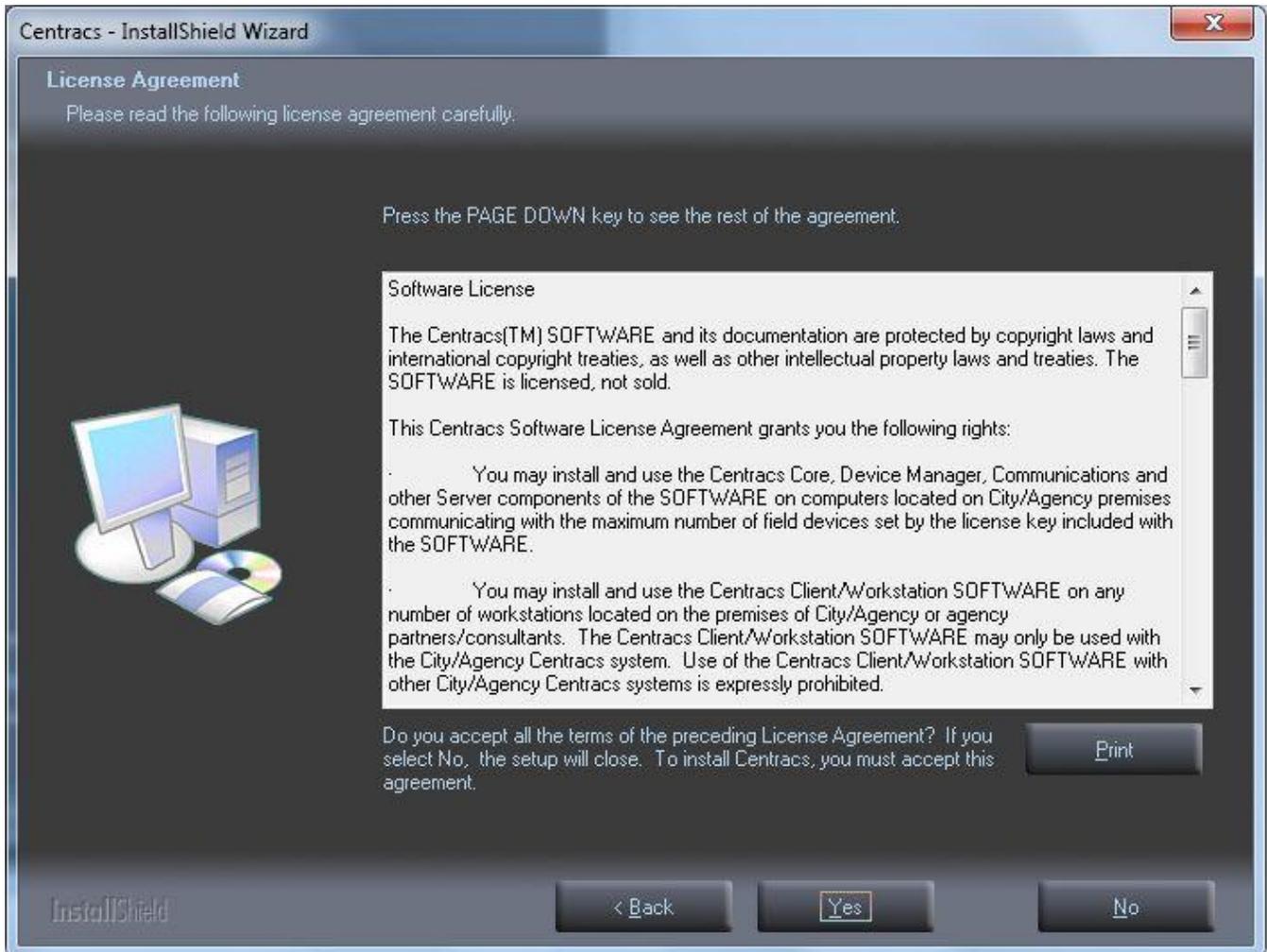
1. Centracs Core Server Install

Start

1. Insert Centracs Installation CD into the workstation CD-ROM Drive or locate the *Centracs* install directory on the server and copy over to local workstation.
2. Location: <Centracs_Server>\!\Installed\Centracs 1.3.x.xxxx - xxxxxxx xxxx
3. In DiskImages\DISK1\ double click on “Centracs 1.3.x.xxxx - xxxxxxx xxxx.exe.”
4. This will start the *Centracs* InstallShield® Wizard that will install *Centracs* on your computer.
5. To continue, click .



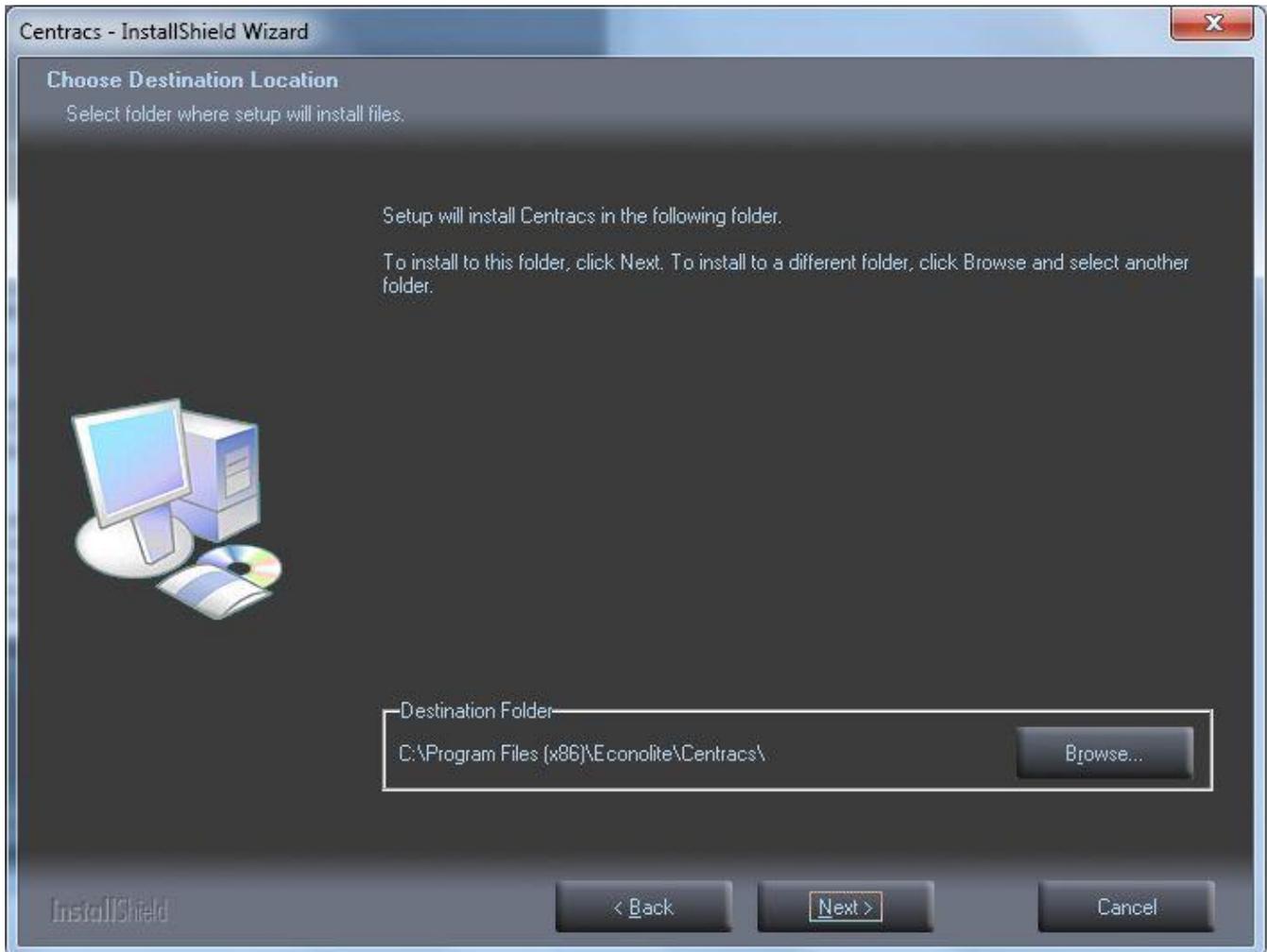
License Agreement



6. To read the rest of the agreement, press **Page Down**.

7. To continue to install Centracs, click **Yes**.

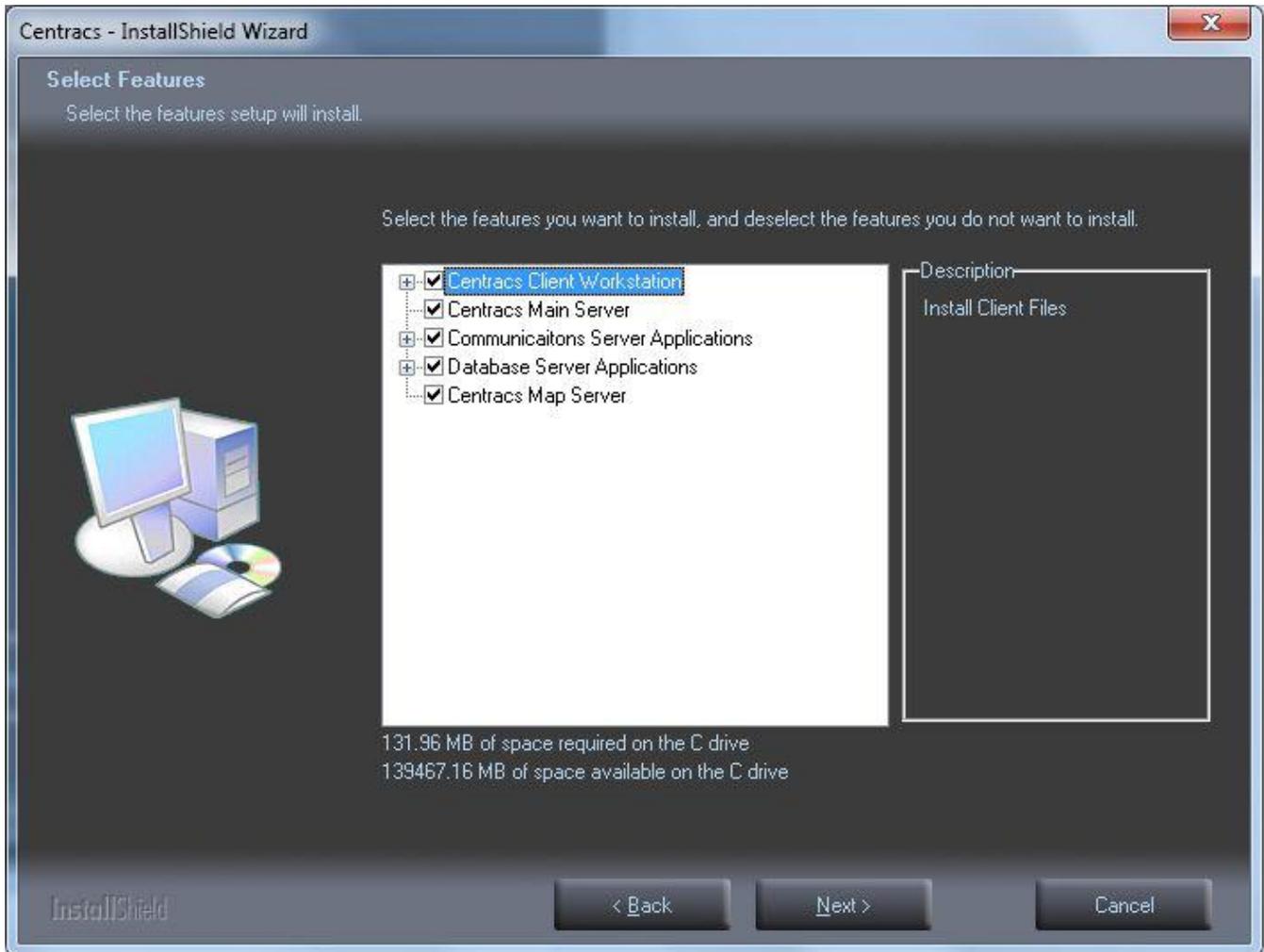
Destination Folder



8. Select the destination folder to install *Centracs*:

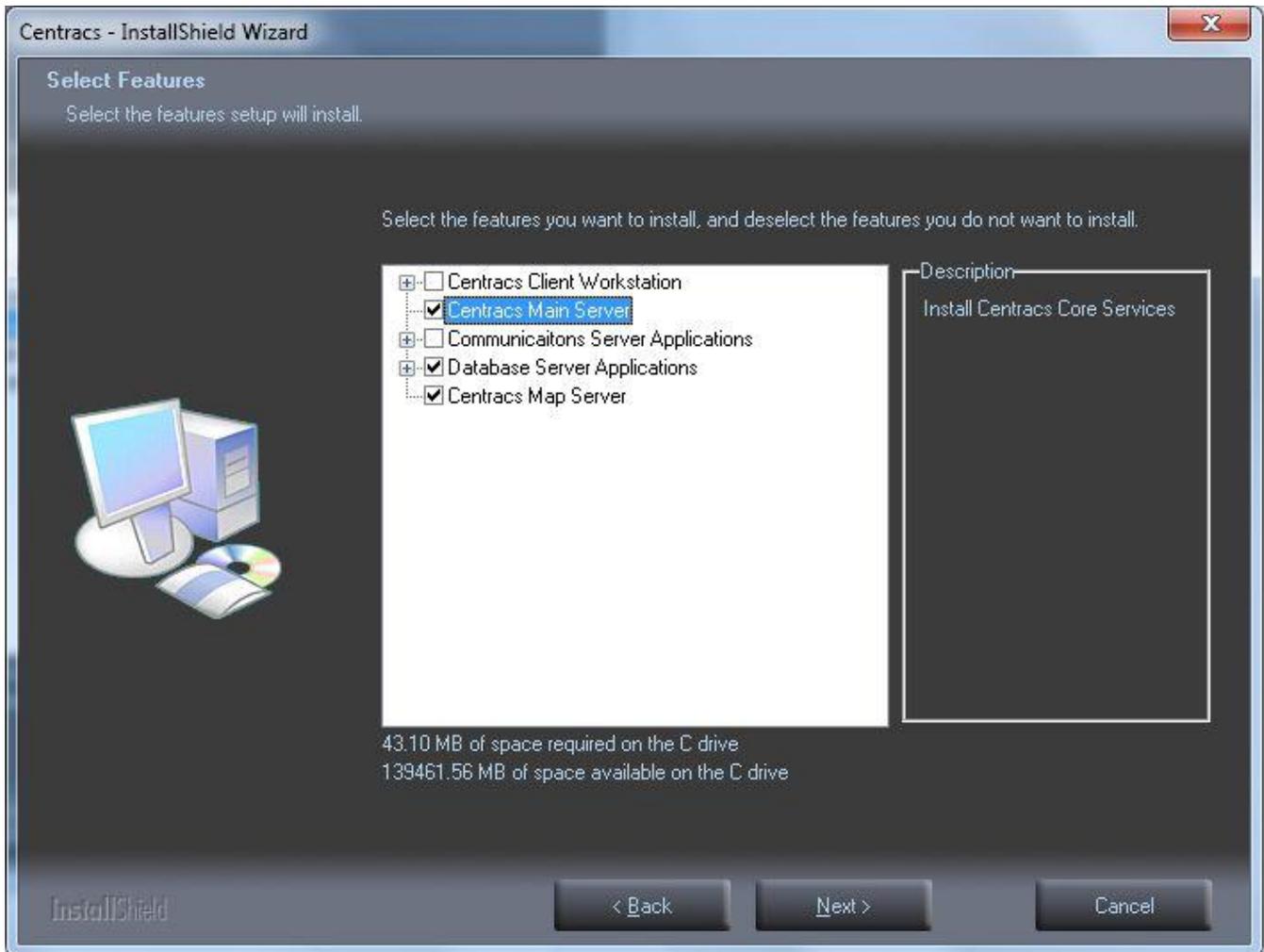
- To install in the default folder
C:\Program Files\Econolite\Centracs\
click **Next >**.
- To install in a different folder, click **Browse . . .**, select that folder, then click **Next >**.

Select Features

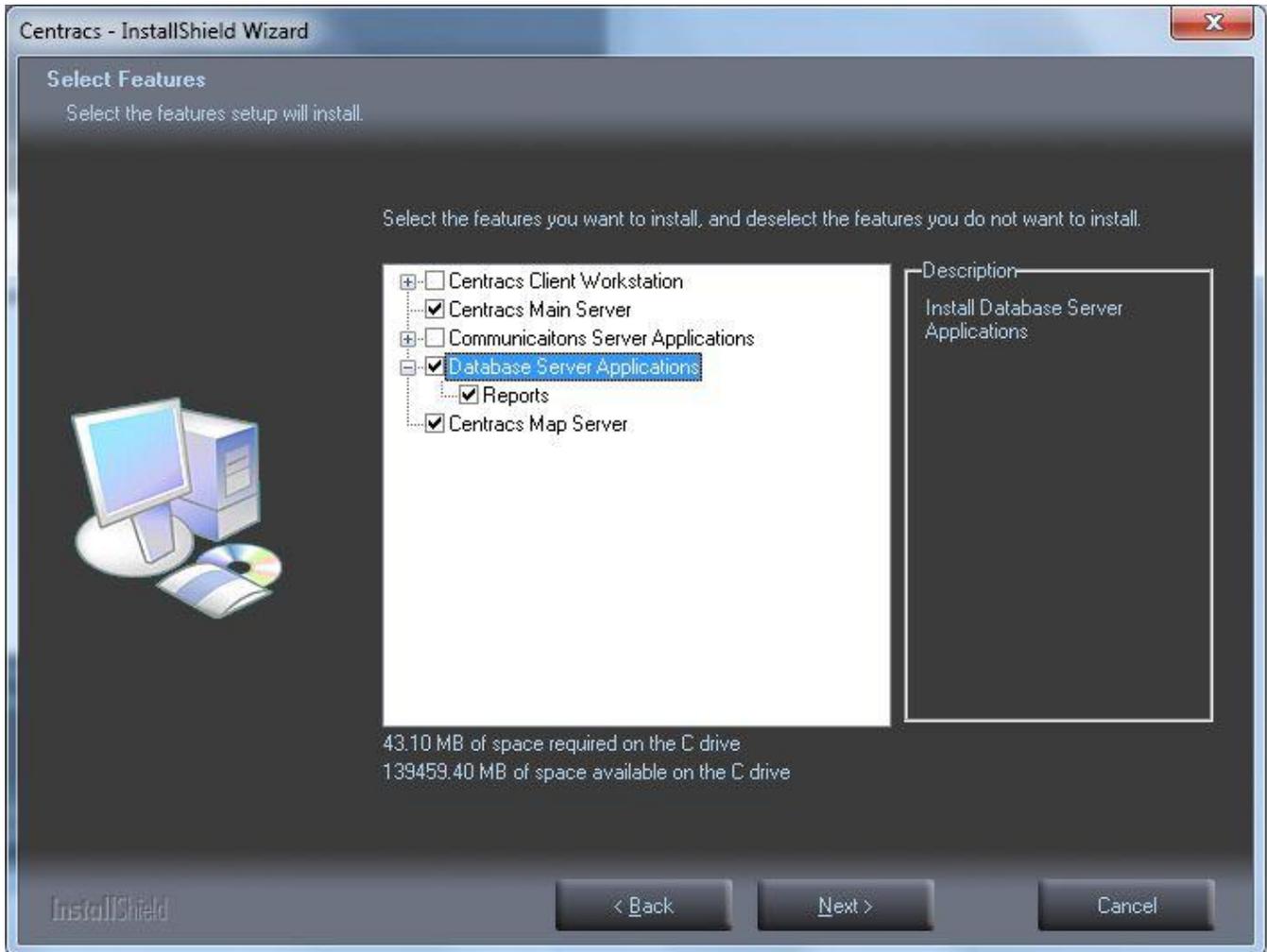


9. As shown in the screen on the subsequent page:

- Deselect:
 - Centracs Client Workstation
 - Communications Server Applications
- Select:
 - Centracs Main Server
 - Database Server Applications
 - Centracs Map Server



10. Next to “Database Server Applications,” click .



11. Make sure that “Reports” is selected, as shown above.

12. Click **Next>**.

Database Server Login

Centracs - InstallShield Wizard

Database Server Login
Select database server and authentication method

Connection Name:

Database server that you are installing to:
CATMSFS

Browse...

Connect using:

Windows authentication

SQL Server authentication using Login ID and password below

Login ID:
sa

Password:
•••

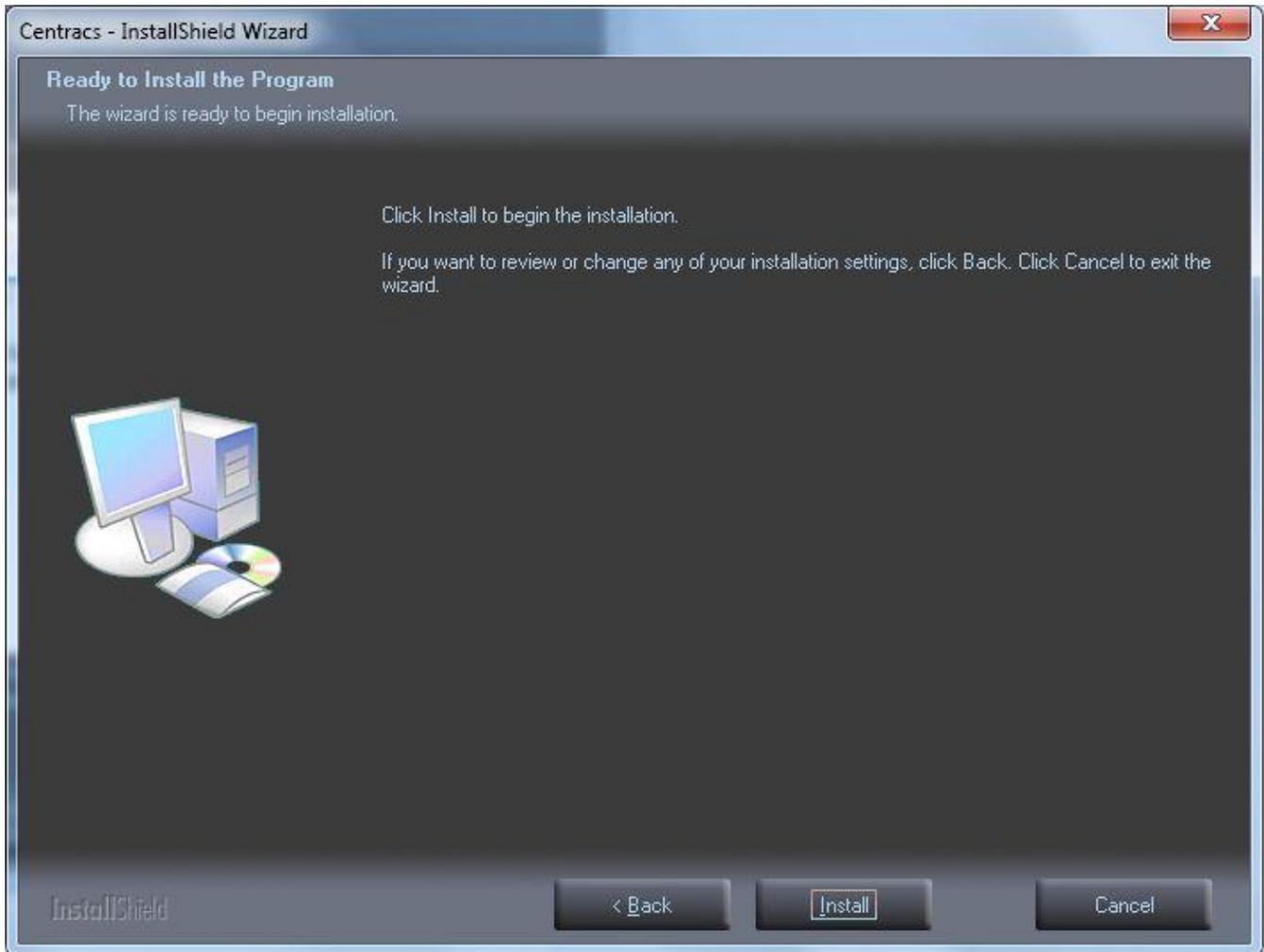
Name of database catalog:
Browse...

InstallShield

< Back Next > Cancel

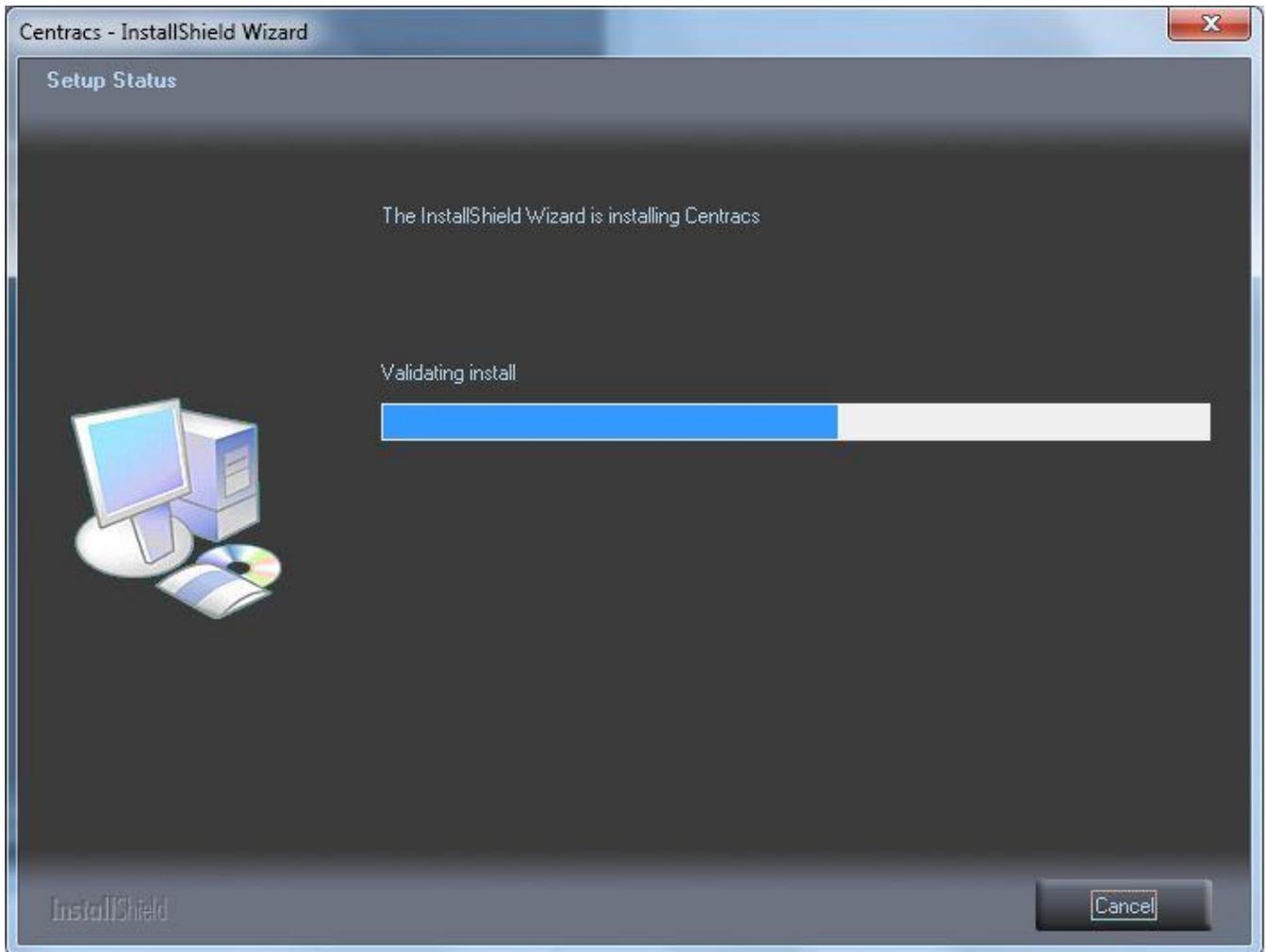
13. Under “Connection Name:” in the field “Database server that you are installing to,” browse to or enter the name of the SQL Server 2008 instance.
14. Click on the radio button for “SQL Server authentication using Login ID and password below.”
 - Make sure the “Login ID” is correct.
 - Enter the “Password.”
15. For “Name of database catalog,” leave the field blank.
16. Click **Next>**.

Start Installation

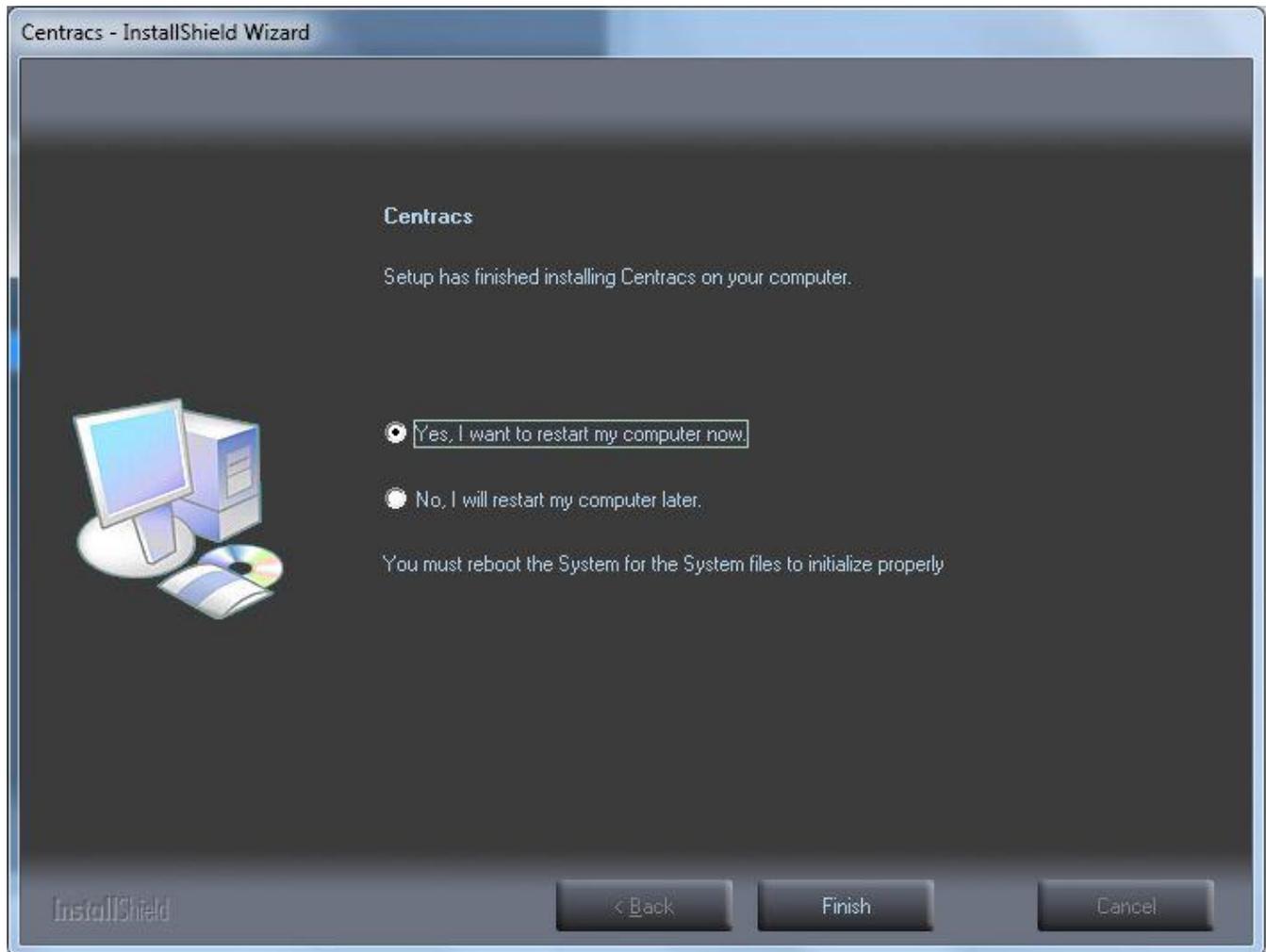


17. Click on the applicable button:

- To review or change the installation settings, click **<Back**.
- To start the installation, click **Install**.
- To exit the wizard, click **Cancel**.



Restart Computer to Initialize Files



18. Click on the applicable radio button:

- Yes, I want to restart my computer now.

-or-

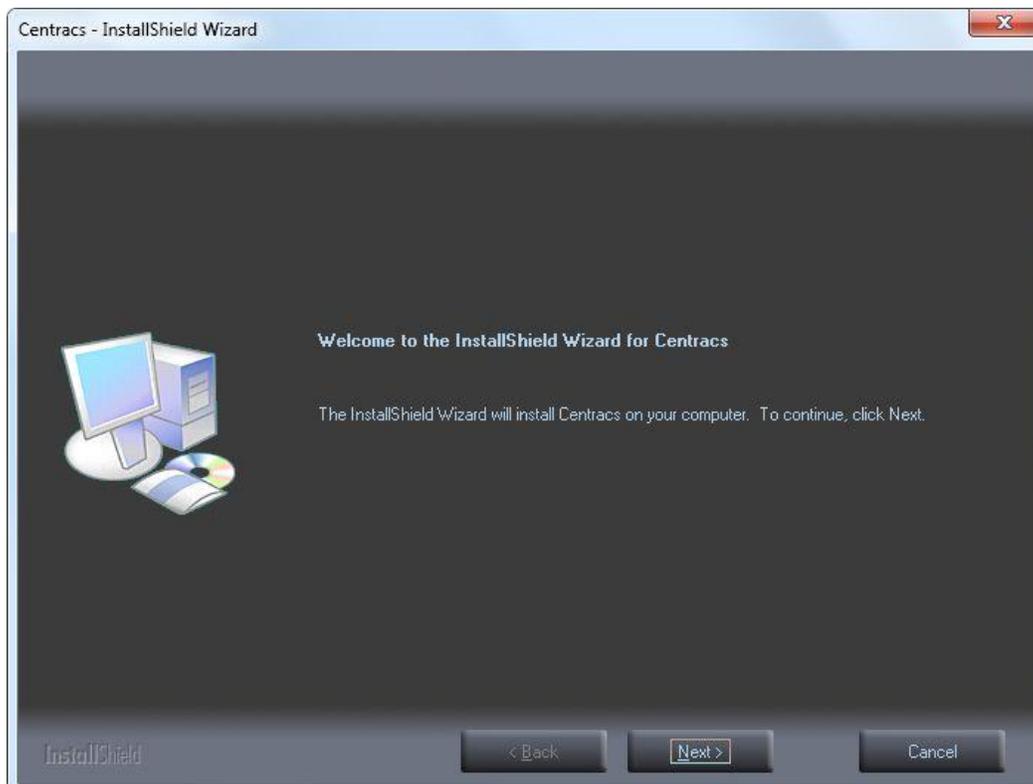
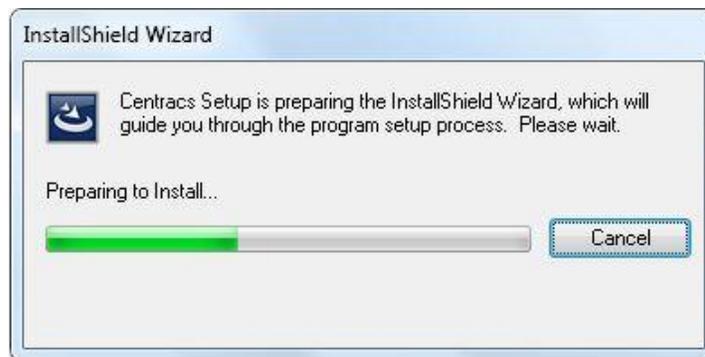
- No, I will restart my computer later (necessary for system files to correctly initialize).

19. Click **Finish**.

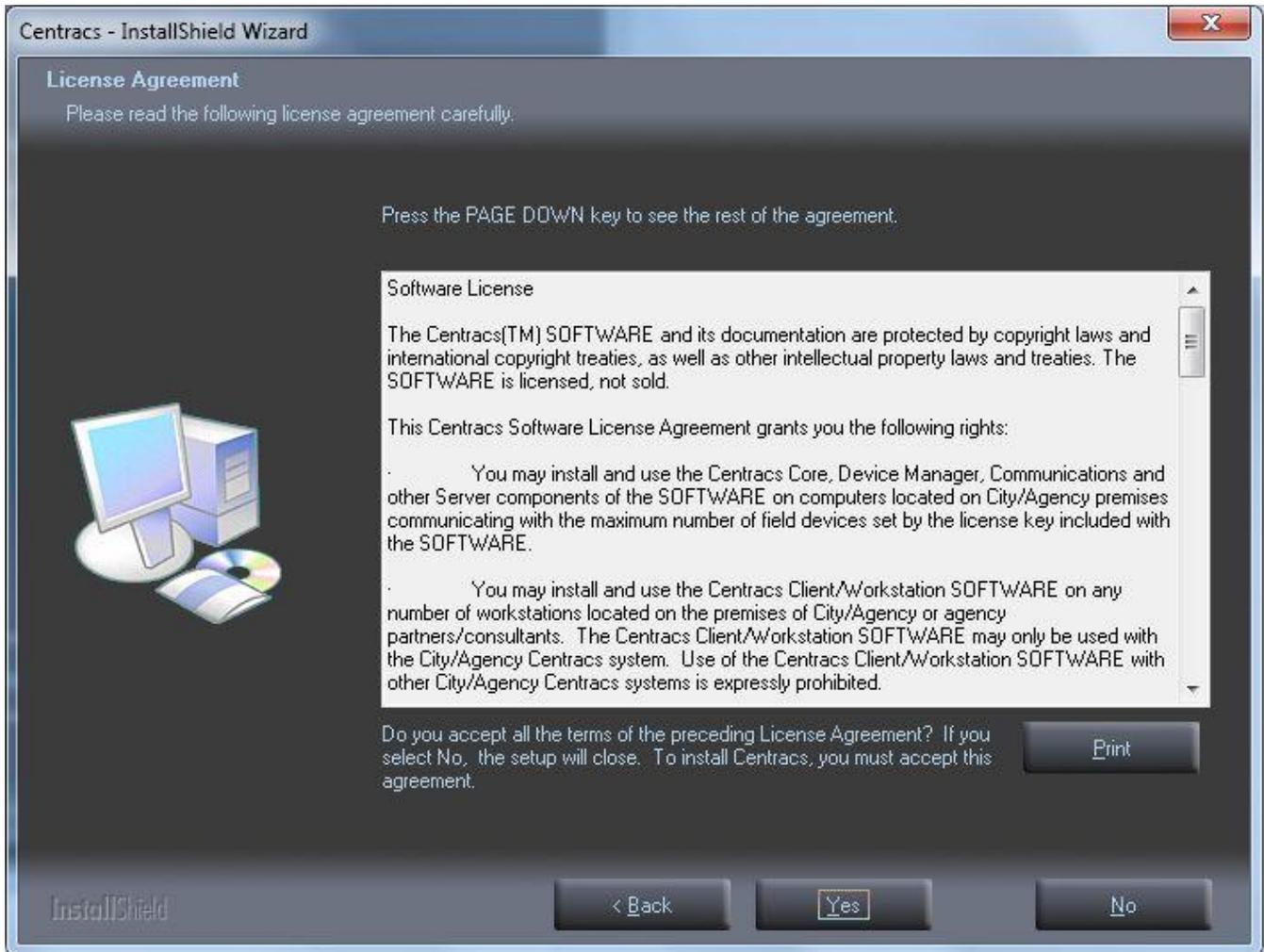
2. Centracs NTCIP Communication Server Install

Start

1. Insert Centracs Installation CD into the workstation CD-ROM Drive or locate the *Centracs* install directory on the server and copy over to local workstation.
2. Location: <Centracs_Server>\!\Installed\Centracs 1.x.x.xxxx - xxxxxxx xxxx
3. In DiskImages\DISK1\ double click on “Centracs 1.x.x.xxxx - xxxxxxx xxxx.exe.”
4. This will start the *Centracs* InstallShield® Wizard that will install *Centracs* on your computer.
5. To continue, click .

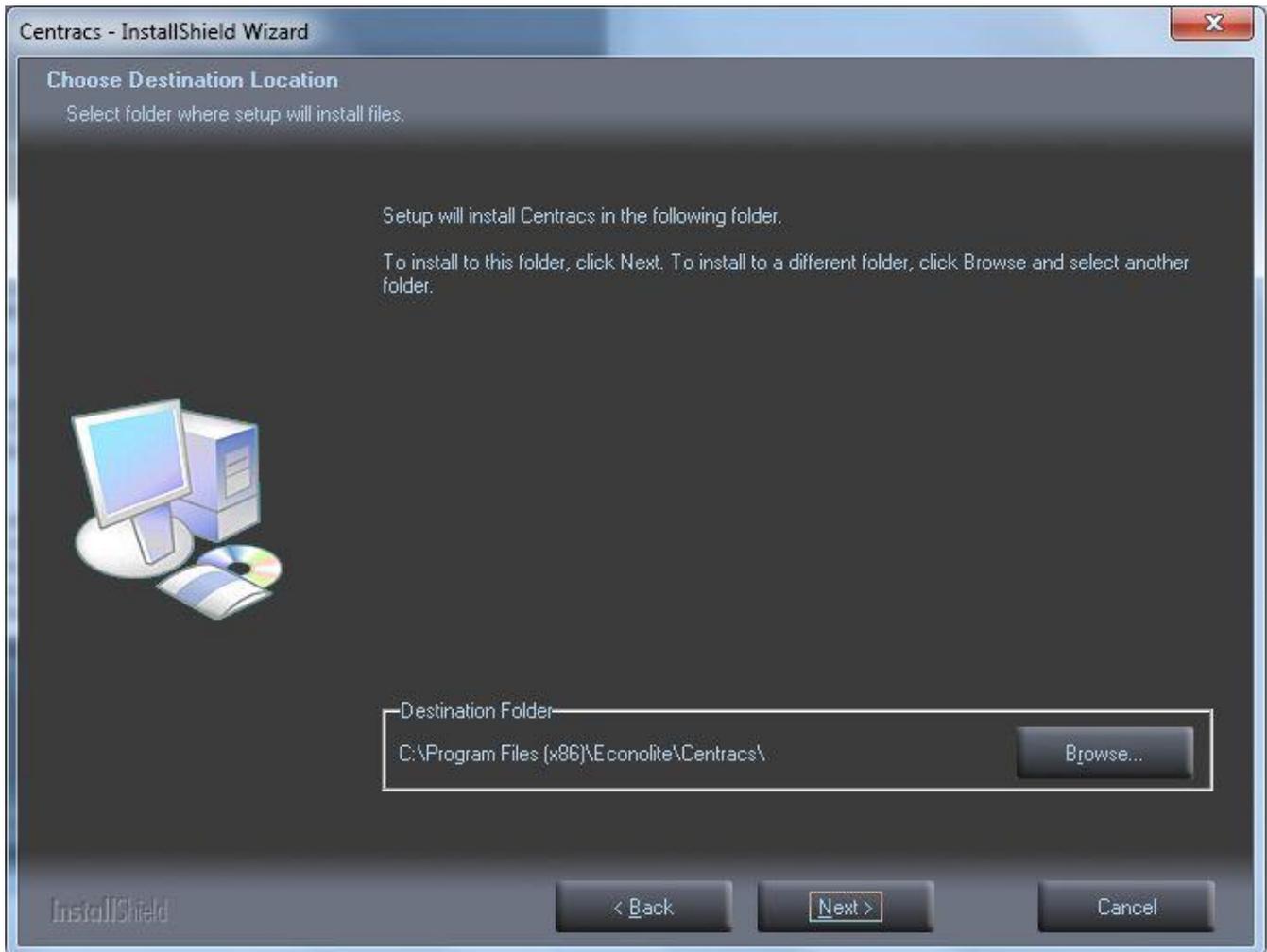


License Agreement



6. To read the rest of the agreement, press **Page Down**.
7. To continue to install *Centracs*, click **Yes**.

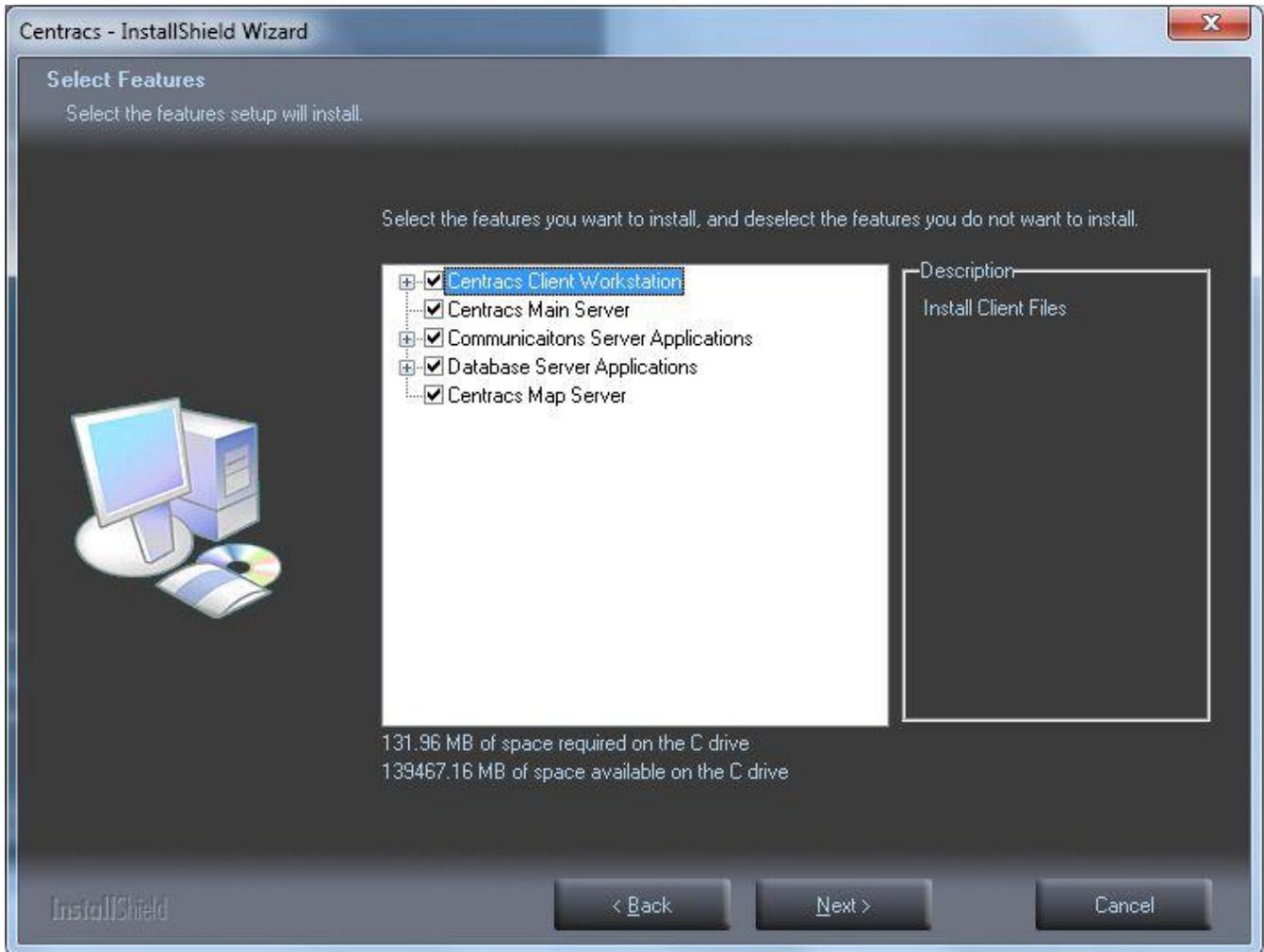
Destination Folder



8. Select the destination folder to install *Centracs*:

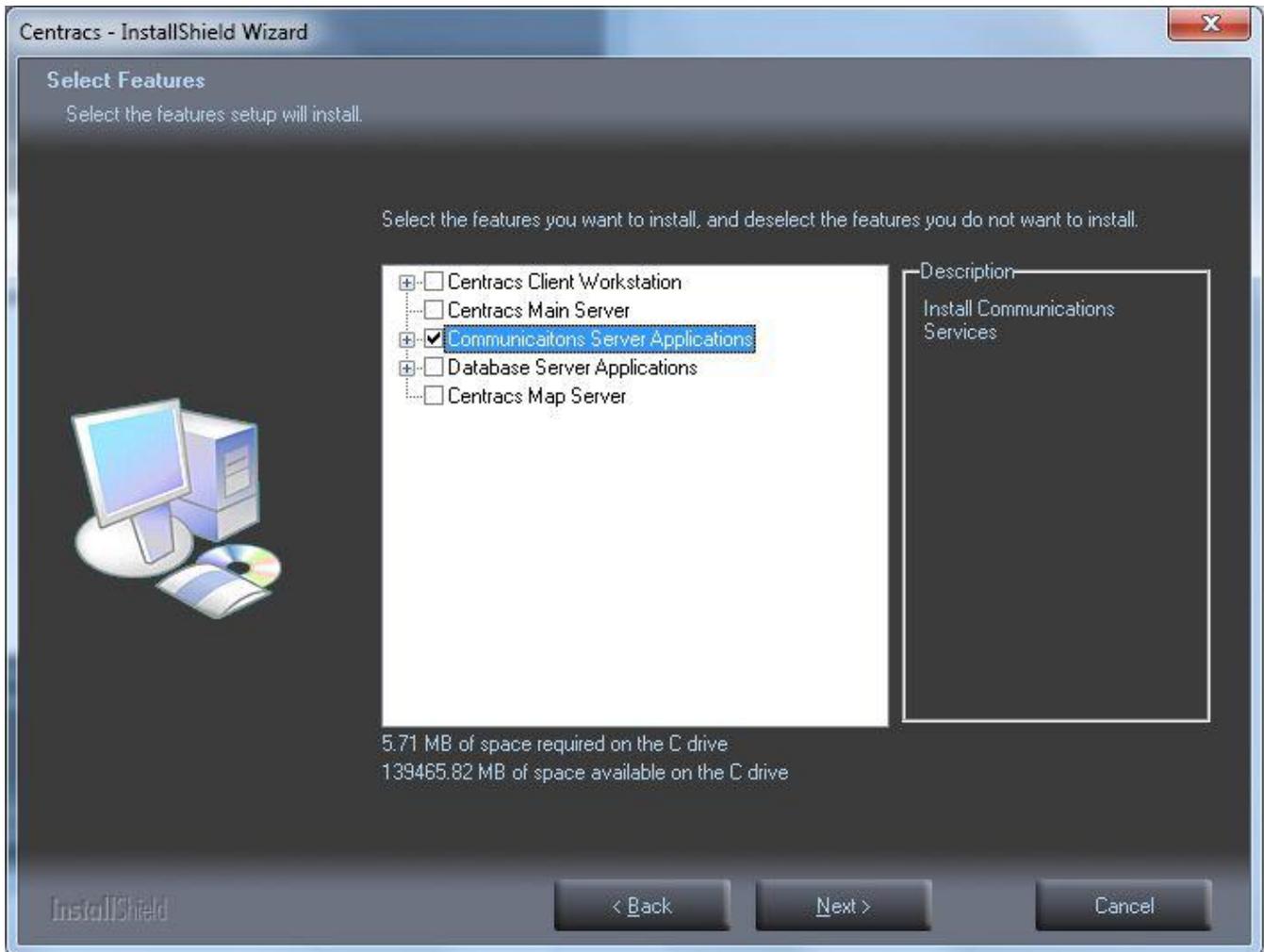
- To install in the default folder
C:\Program Files\Econolite\Centracs\
click **Next >**.
- To install in a different folder, click **Browse . . .**, select that folder, then click **Next >**.

Select Features

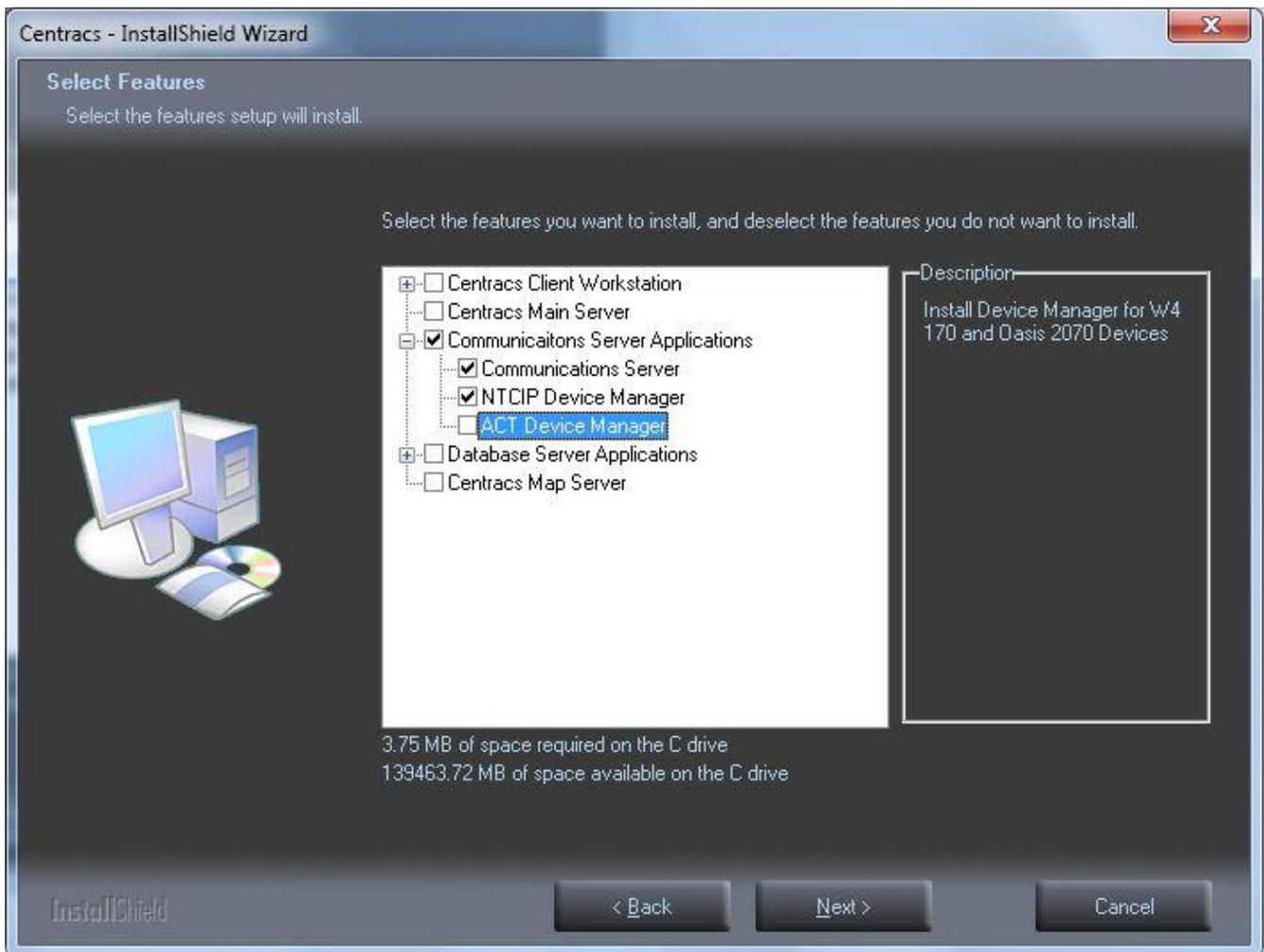


9. As shown in the screen on the subsequent page:

- Deselect:
 - Centracs Client Workstation
 - Centracs Main Server
 - Database Server Applications
 - Centracs Map Server
- Select:
 - Communications Server Applications



10. Next to “Communications Server Applications,” click .

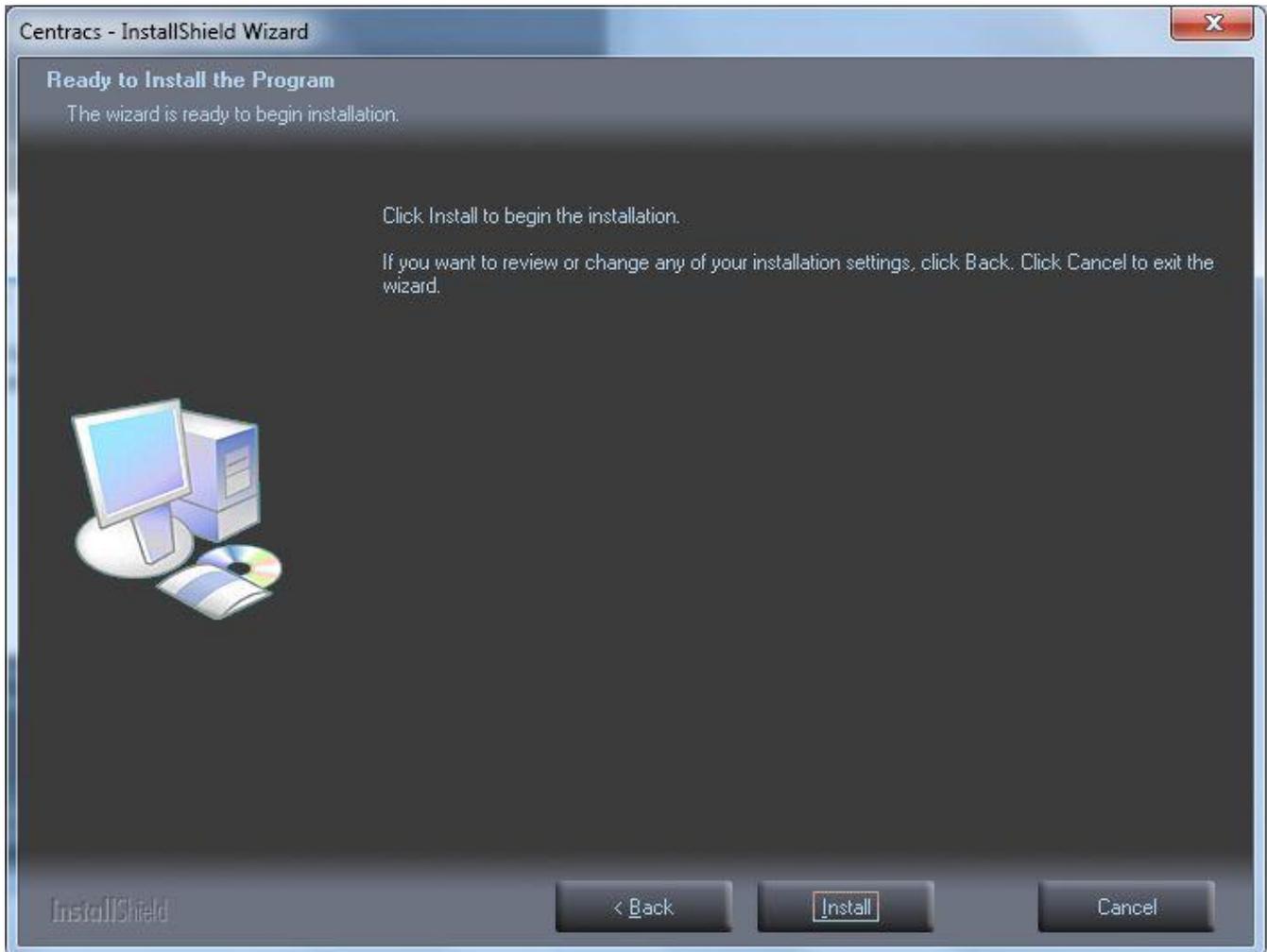


11. As shown in the screen above:

- Select:
 - Communications Servers
 - NTCIP Device Manger
- Deselect:
 - ACT Device Manager

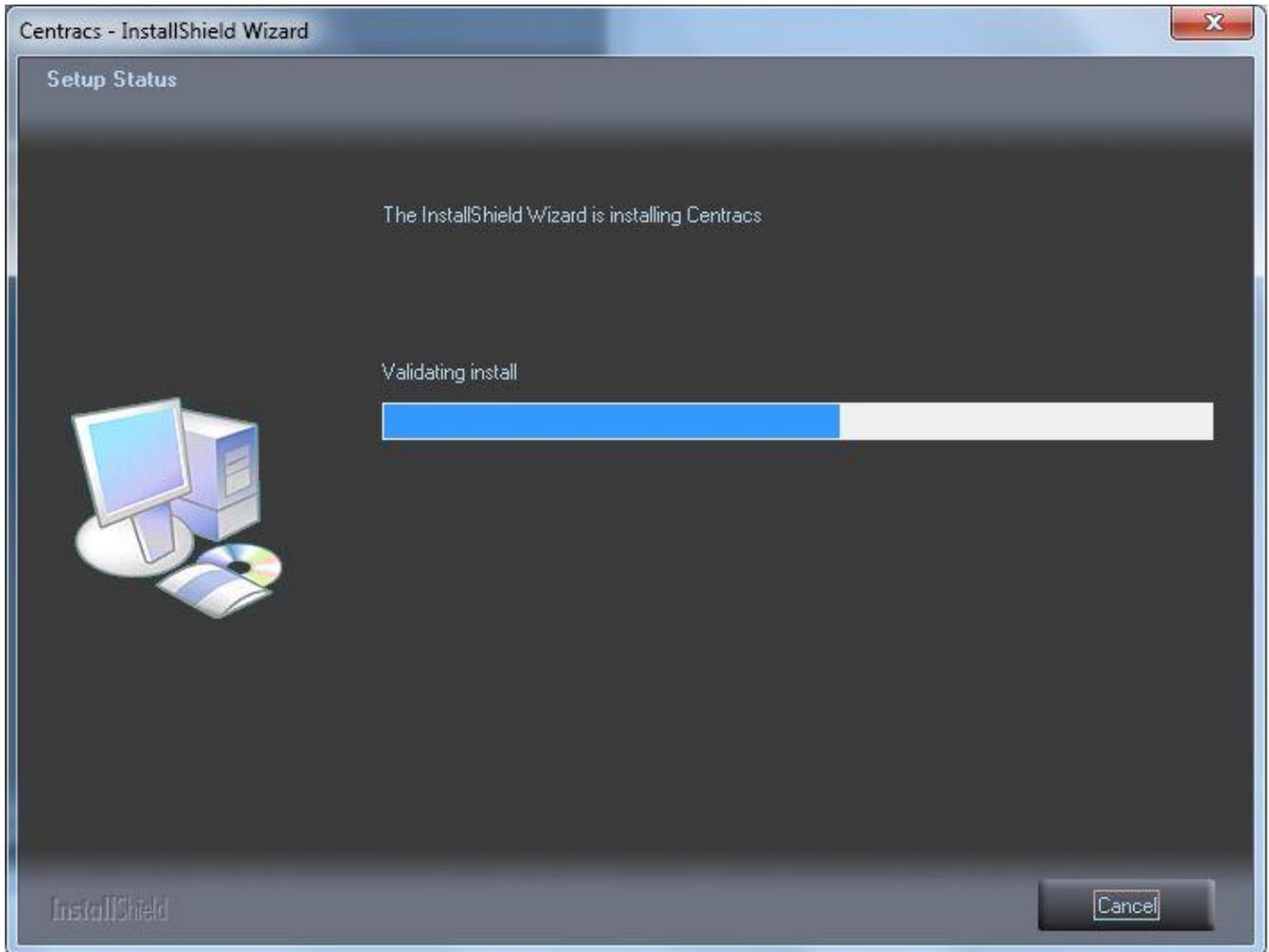
12. Click **Next >**.

Start Installation

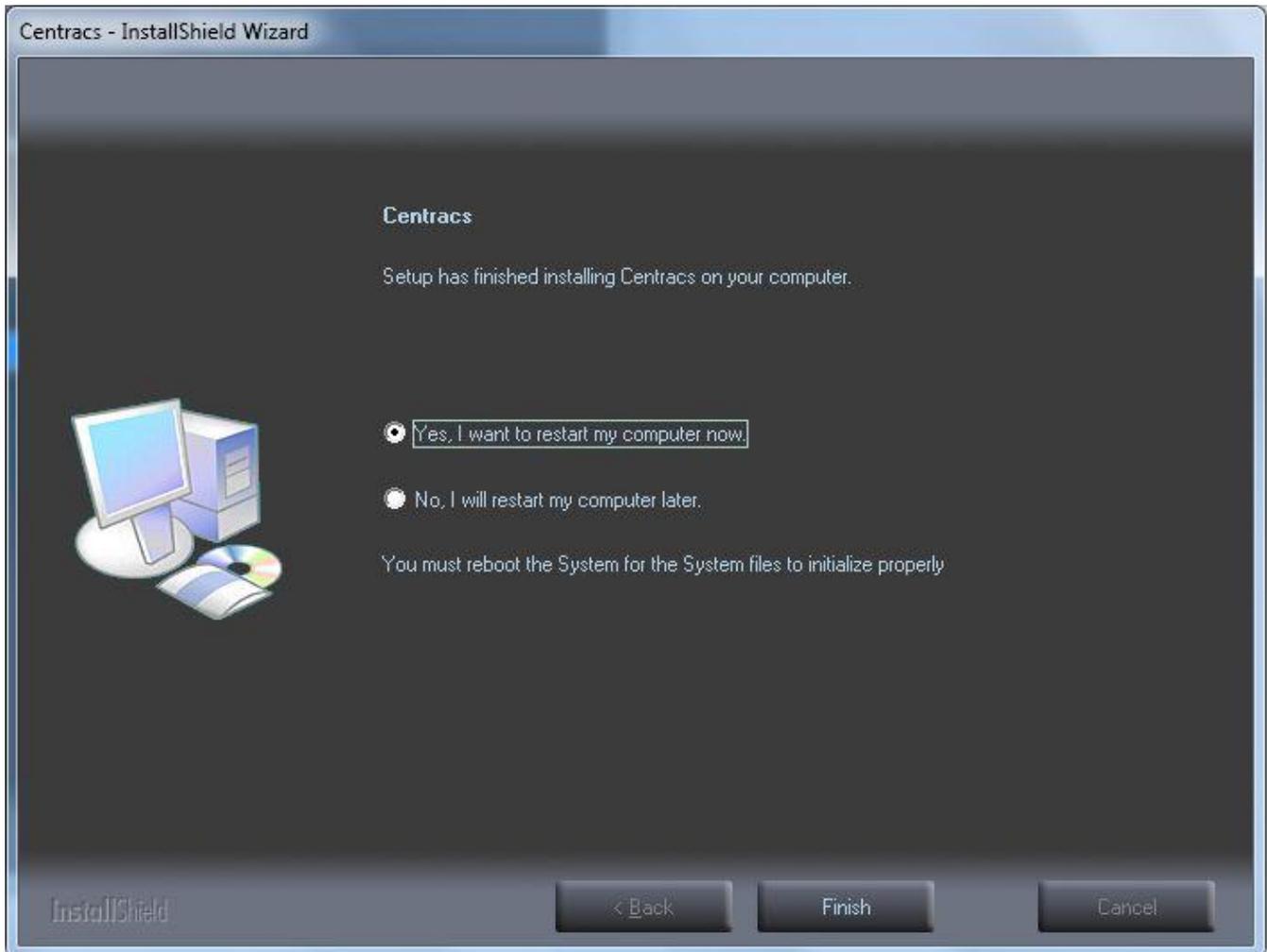


13. Click on the applicable button:

- To review or change the installation settings, click **<Back**.
- To start the installation, click **Install**.
- To exit the wizard, click **Cancel**.



Restart Computer to Initialize Files



14. Click on the applicable radio button:

- Yes, I want to restart my computer now.
- or-
- No, I will restart my computer later (necessary for system files to correctly initialize).

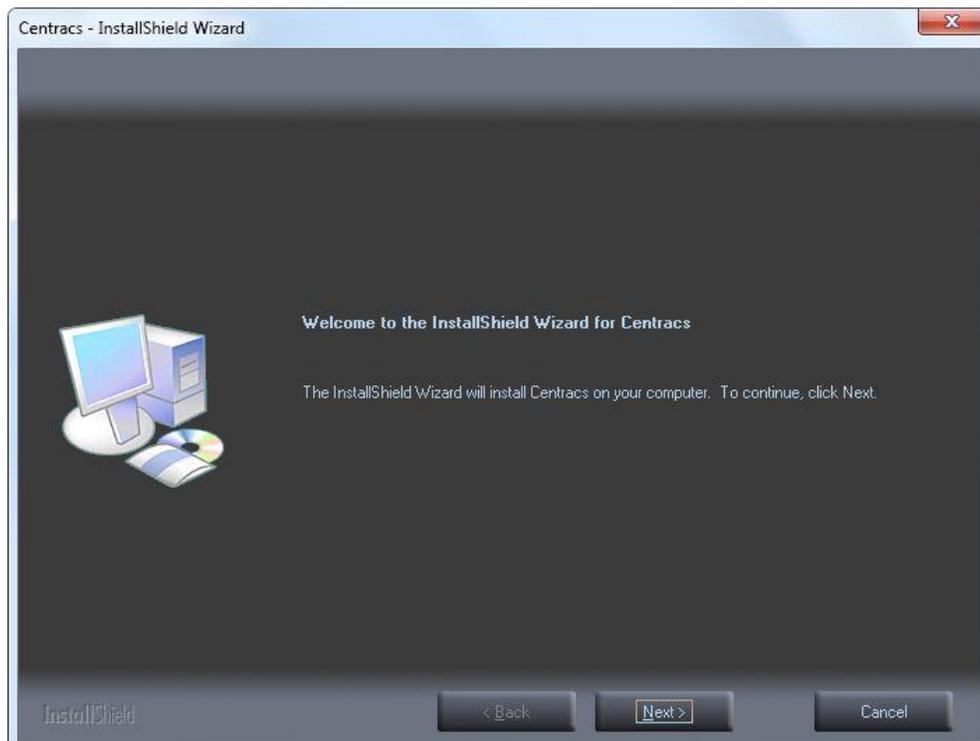
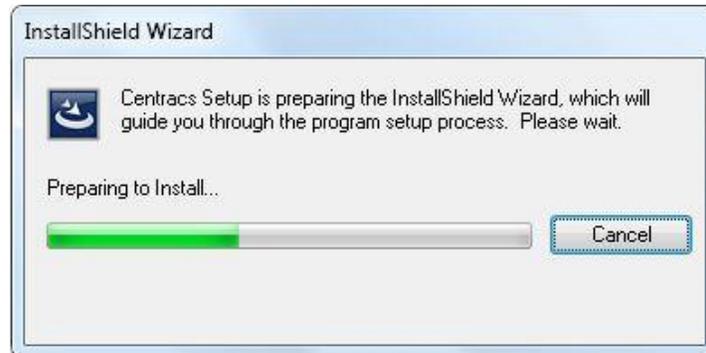
15. Click **Finish**.

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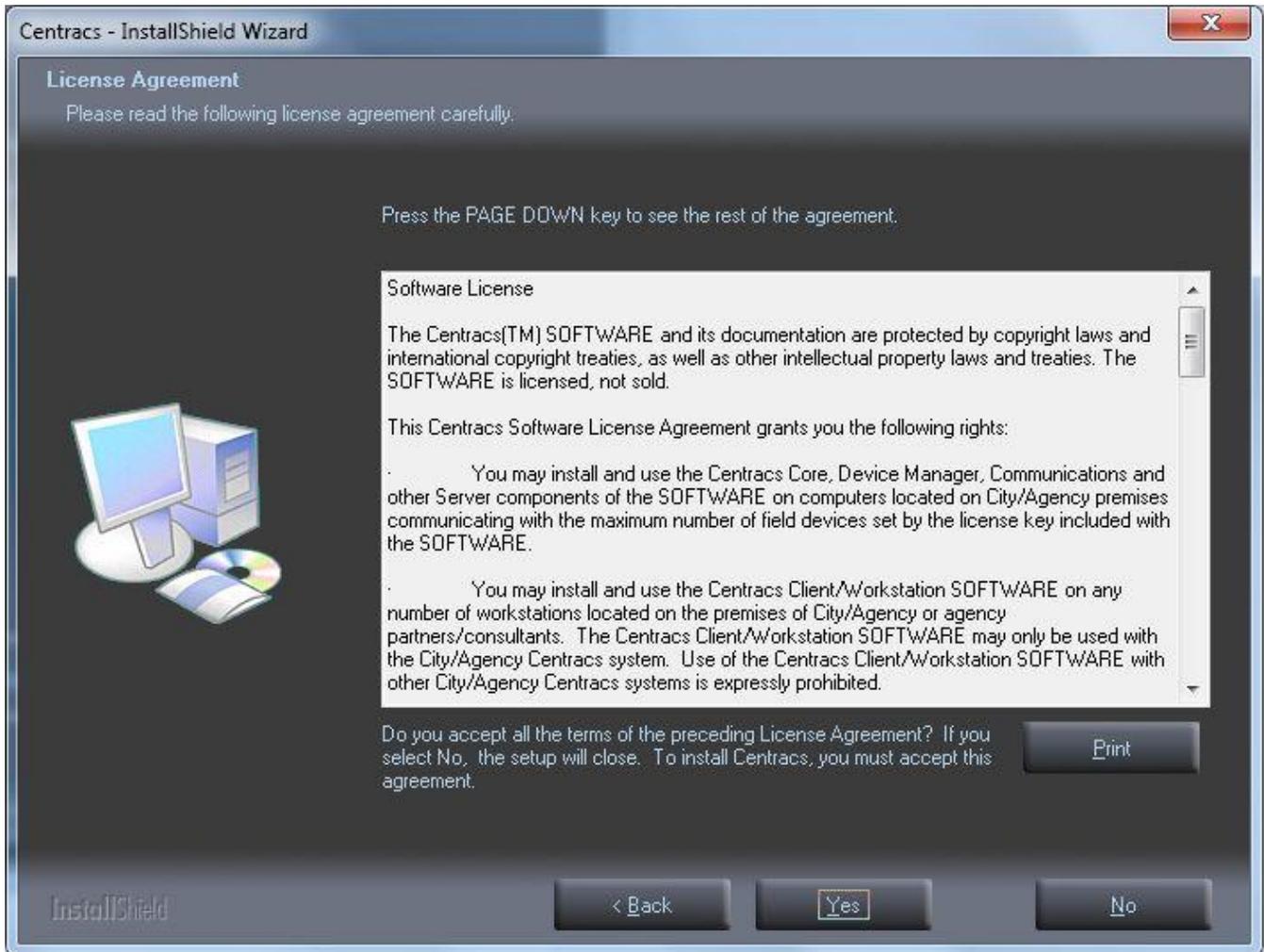
3. Centracs NTCIP Client Workstation Install

Start

1. Insert Centracs Installation CD into the workstation CD-ROM Drive or locate the *Centracs* install directory on the server and copy over to local workstation.
2. Location: <Centracs_Server>\!\Installed\Centracs 1.x.x.xxxx - xxxxxx xxxx
3. In DiskImages\DISK1\ double click on “Centracs 1.x.x.xxxx - xxxxxx xxxx.exe.”
4. This will start the *Centracs* InstallShield® Wizard that will install *Centracs* on your computer.
5. To continue, click .

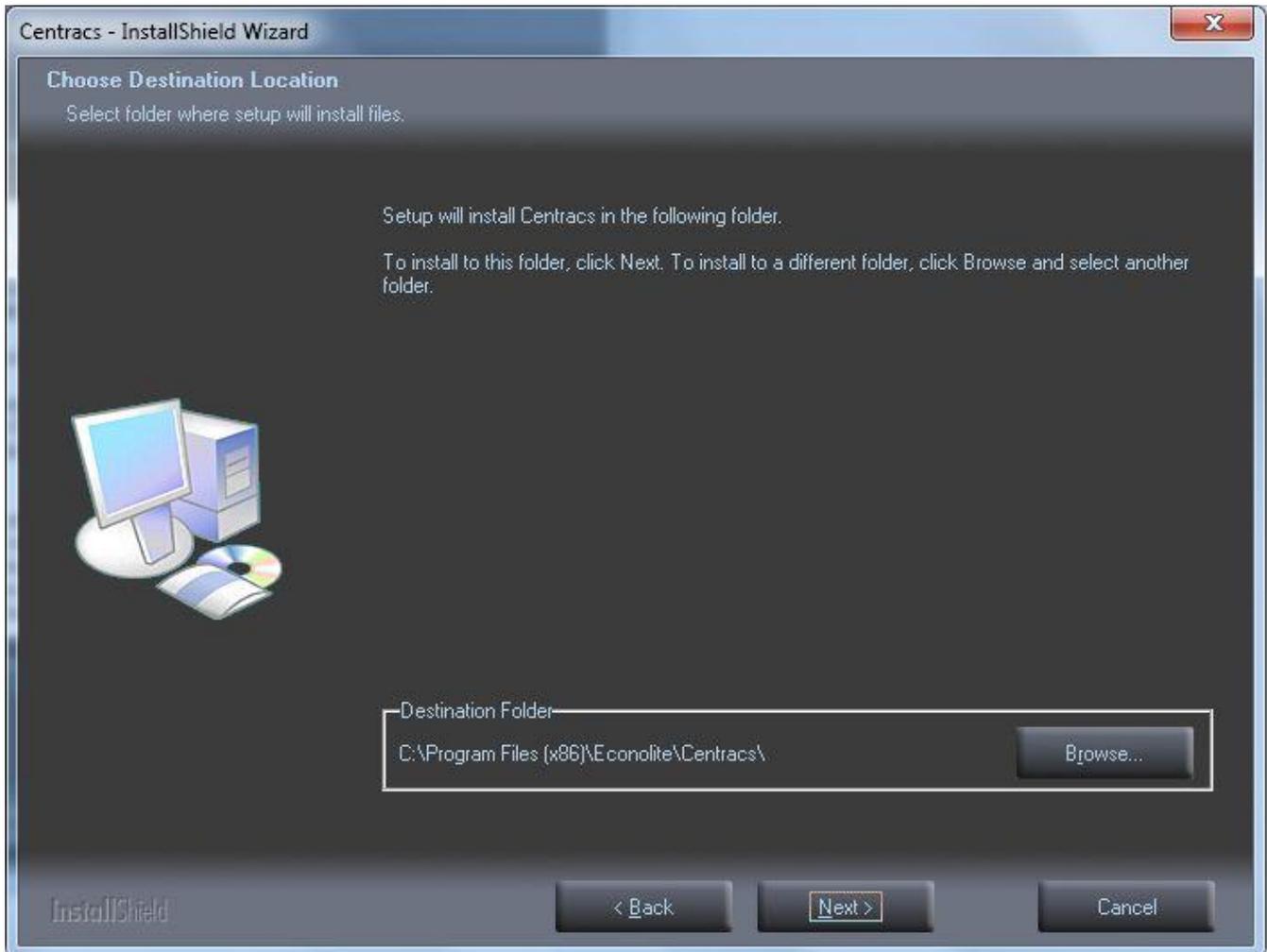


License Agreement



6. To read the rest of the agreement, press **Page Down**.
7. To continue to install *Centracs*, click **Yes**.

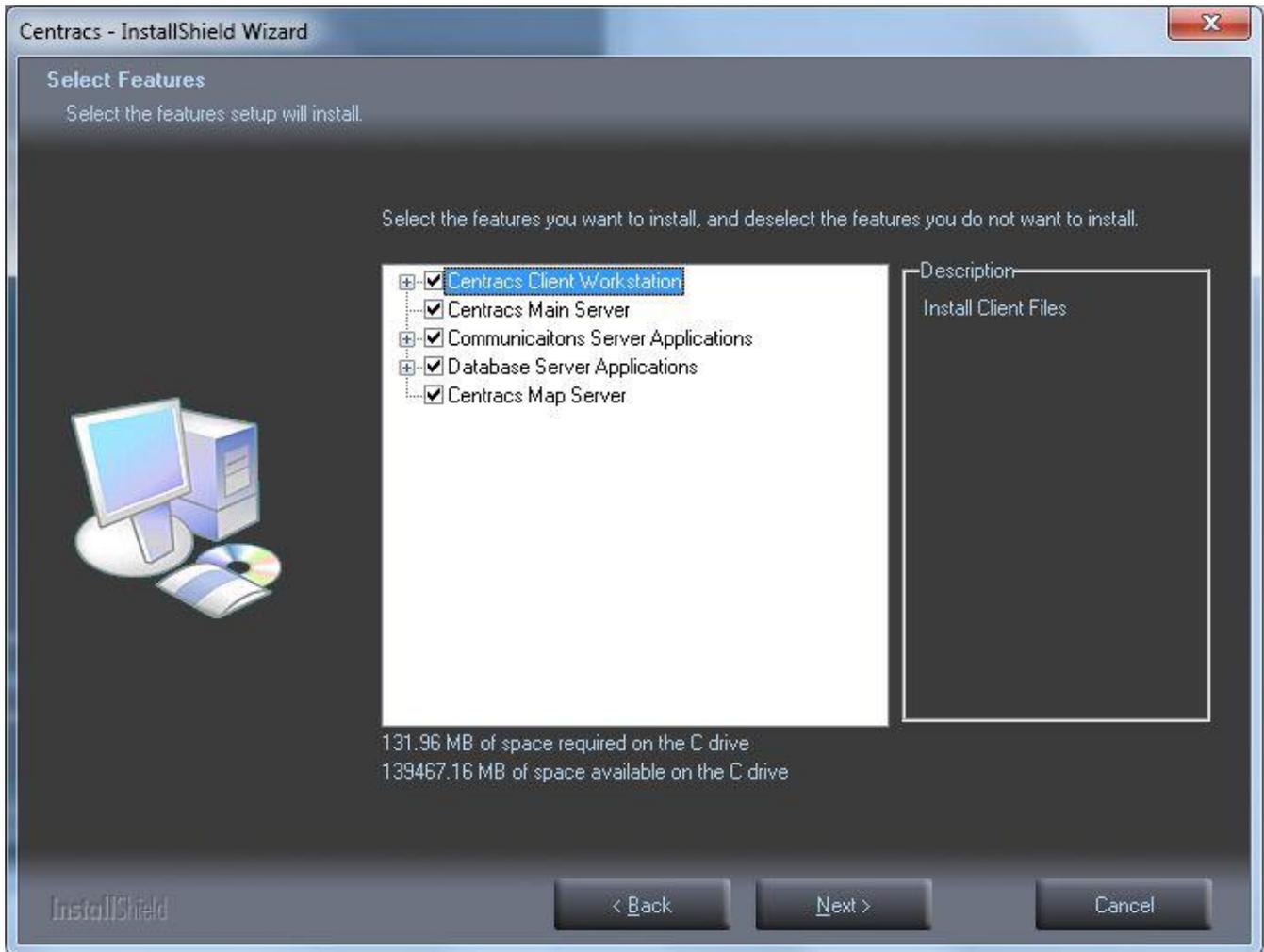
Destination Folder



8. Select the destination folder to install *Centracs*:

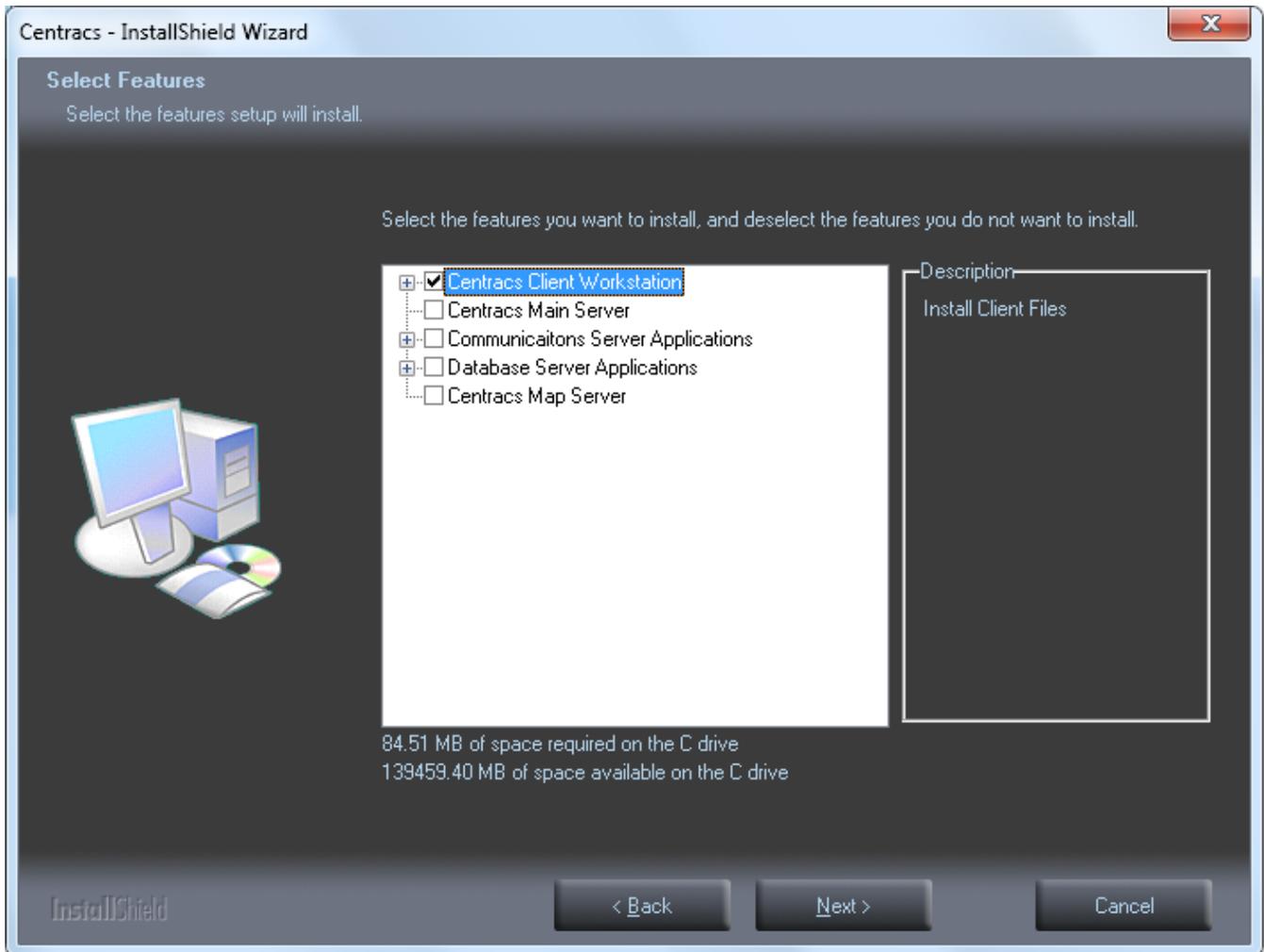
- To install in the default folder
C:\Program Files\Econolite\Centracs\
click **Next >**.
- To install in a different folder, click **Browse . . .**, select that folder, then click **Next >**.

Select Features

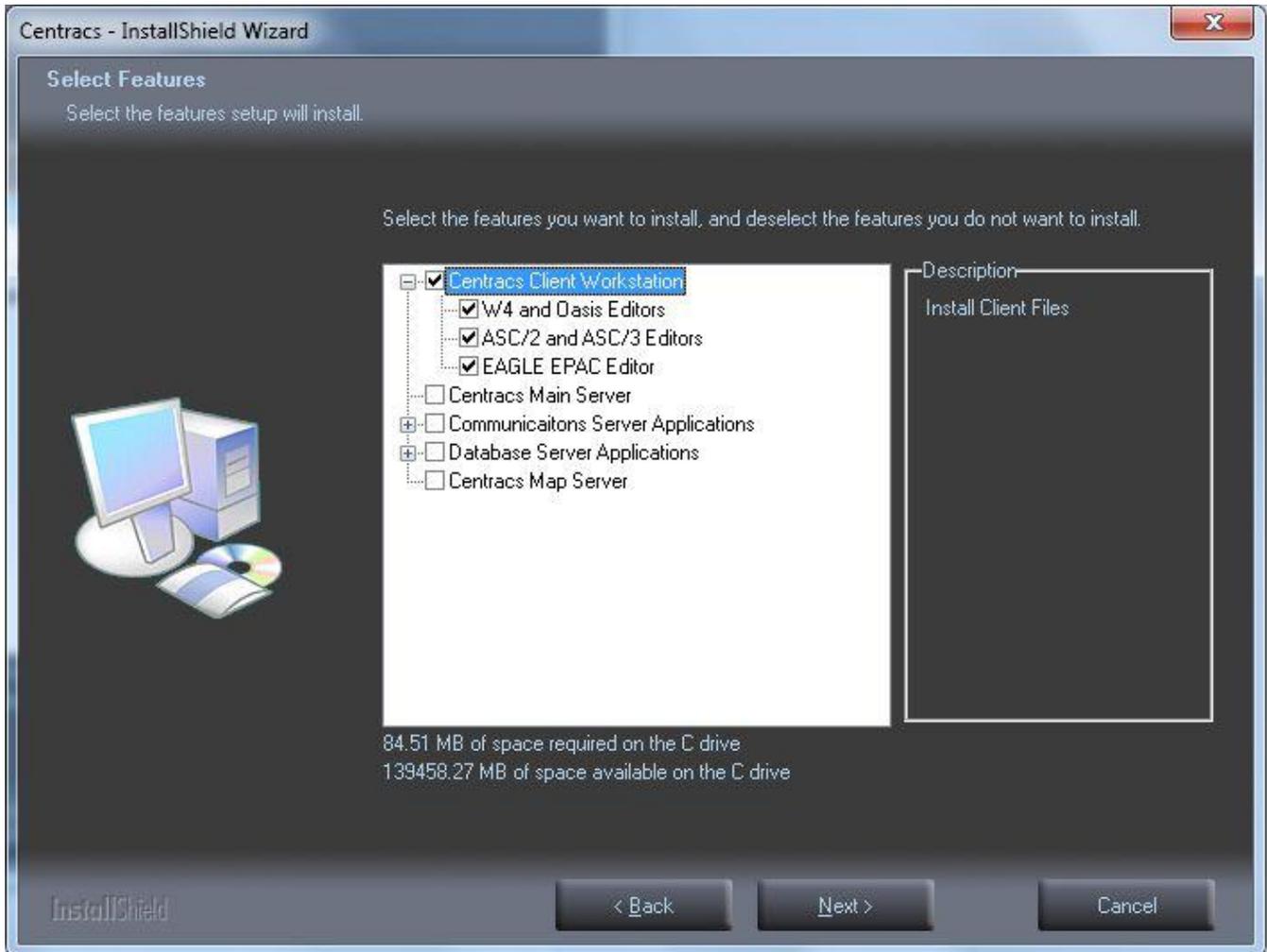


9. As shown in the screen on the subsequent page:

- Select:
 - Centracs Client Workstation
- Deselect:
 - Centracs Main Server
 - Communications Server Applications
 - Database Server Applications
 - Centracs Map Server



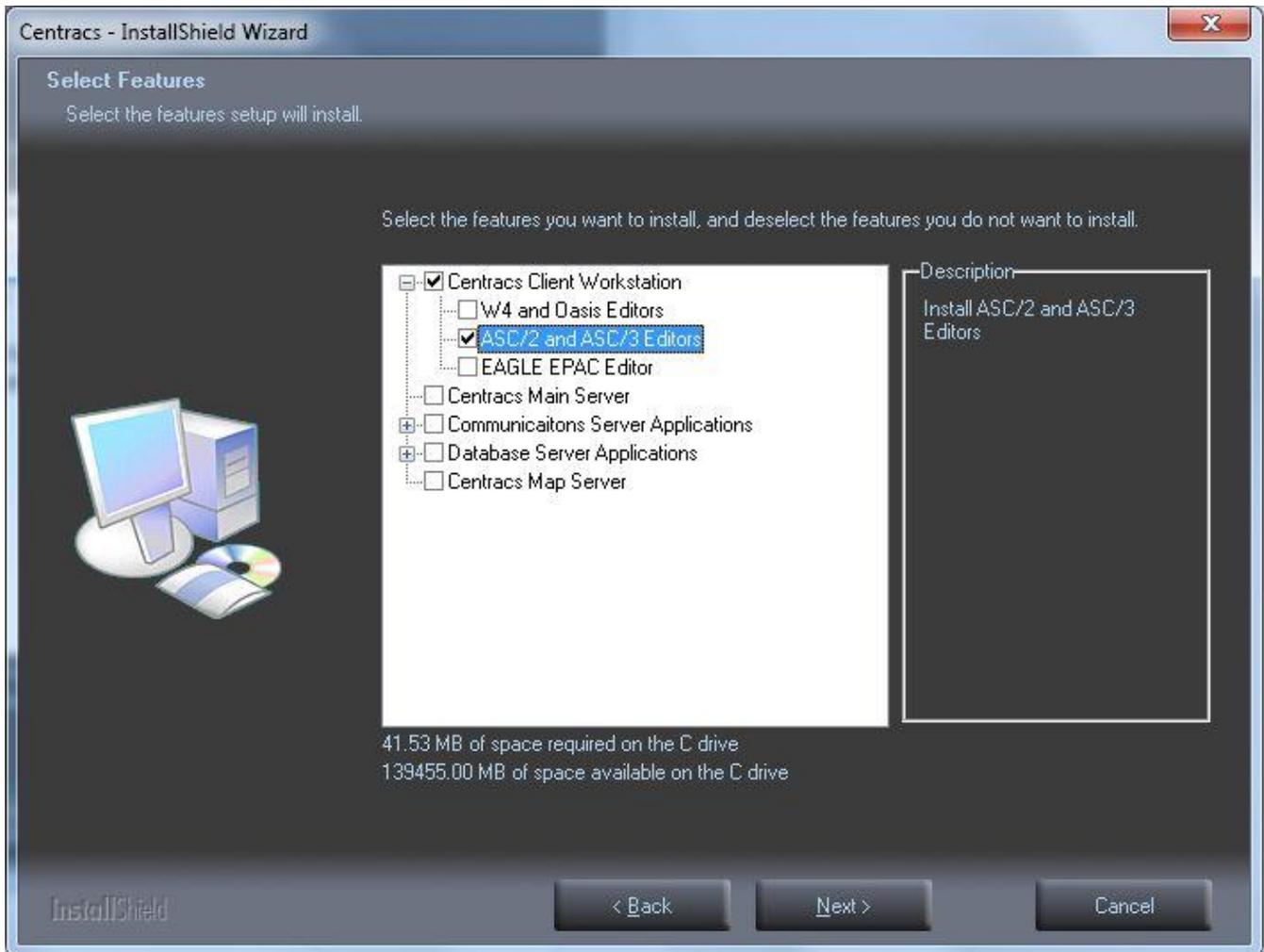
10. Next to “Centracs Client Workstation,” click .



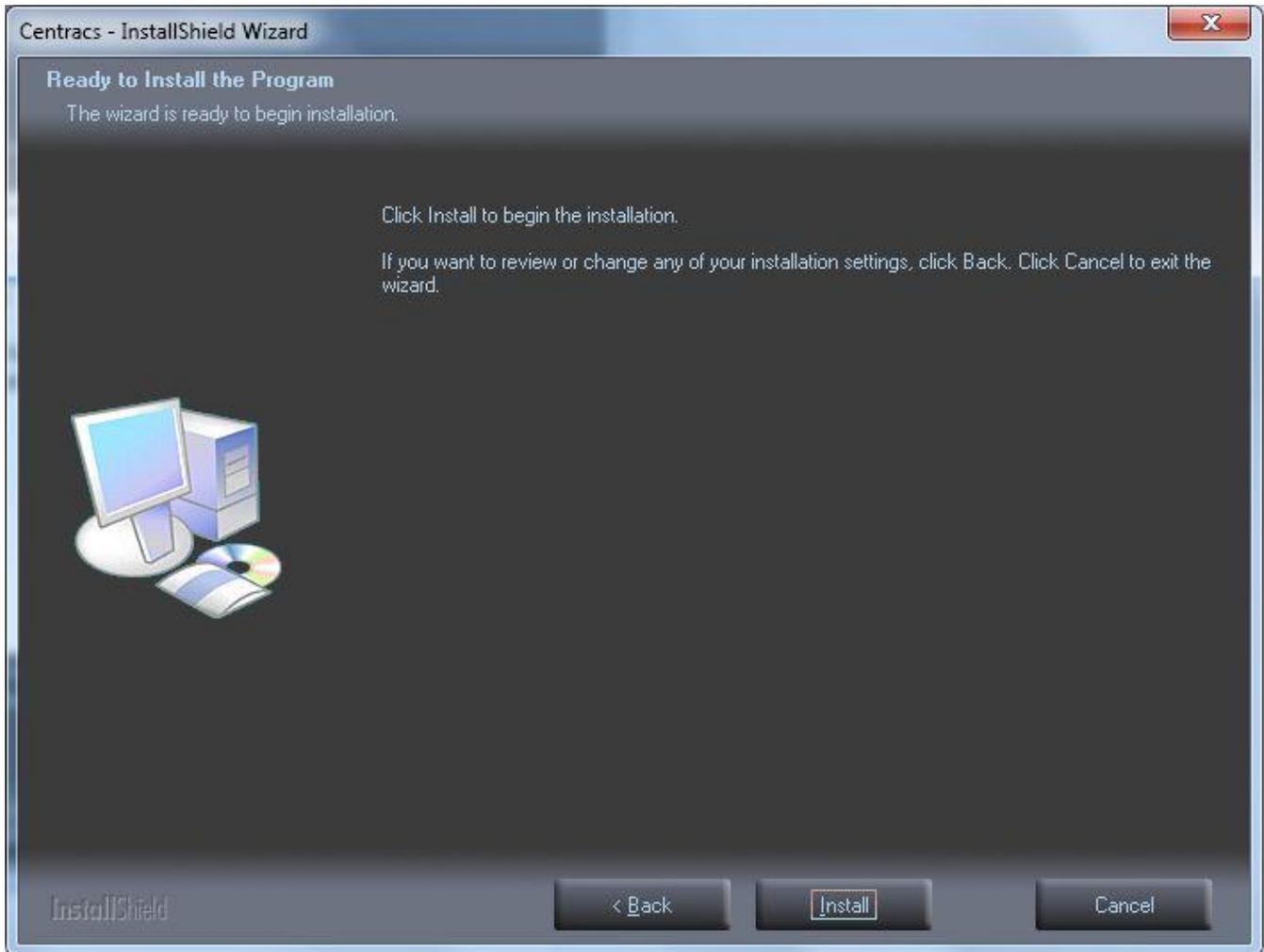
11. As shown in the screen on the subsequent page:

- Deselect:
 - W4 and Oasis Editors
 - Eagle EPAC Editor
- Select:
 - ASC/2 and ASC/3 Editors

12. Click **Next>**.

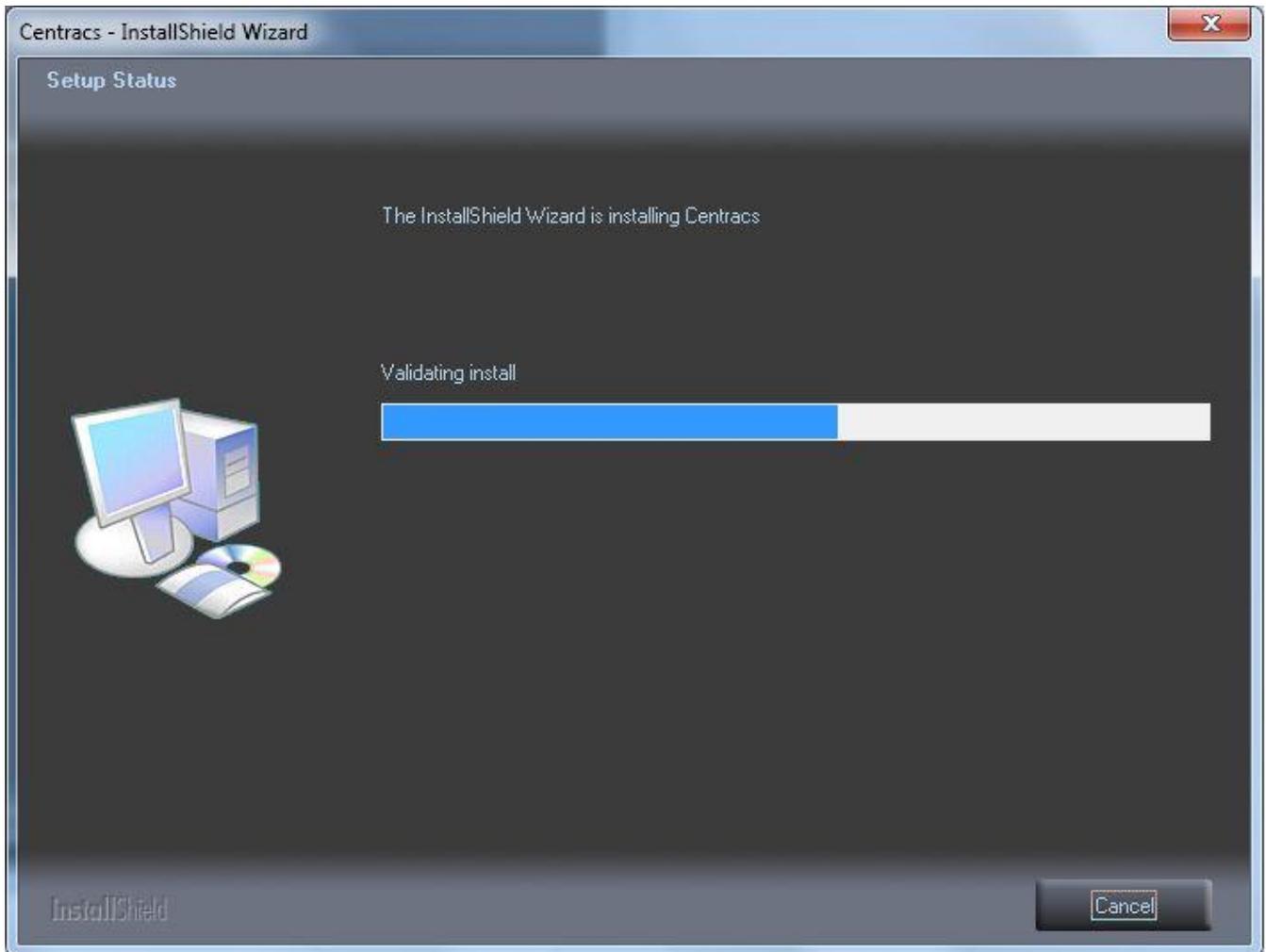


Start Installation

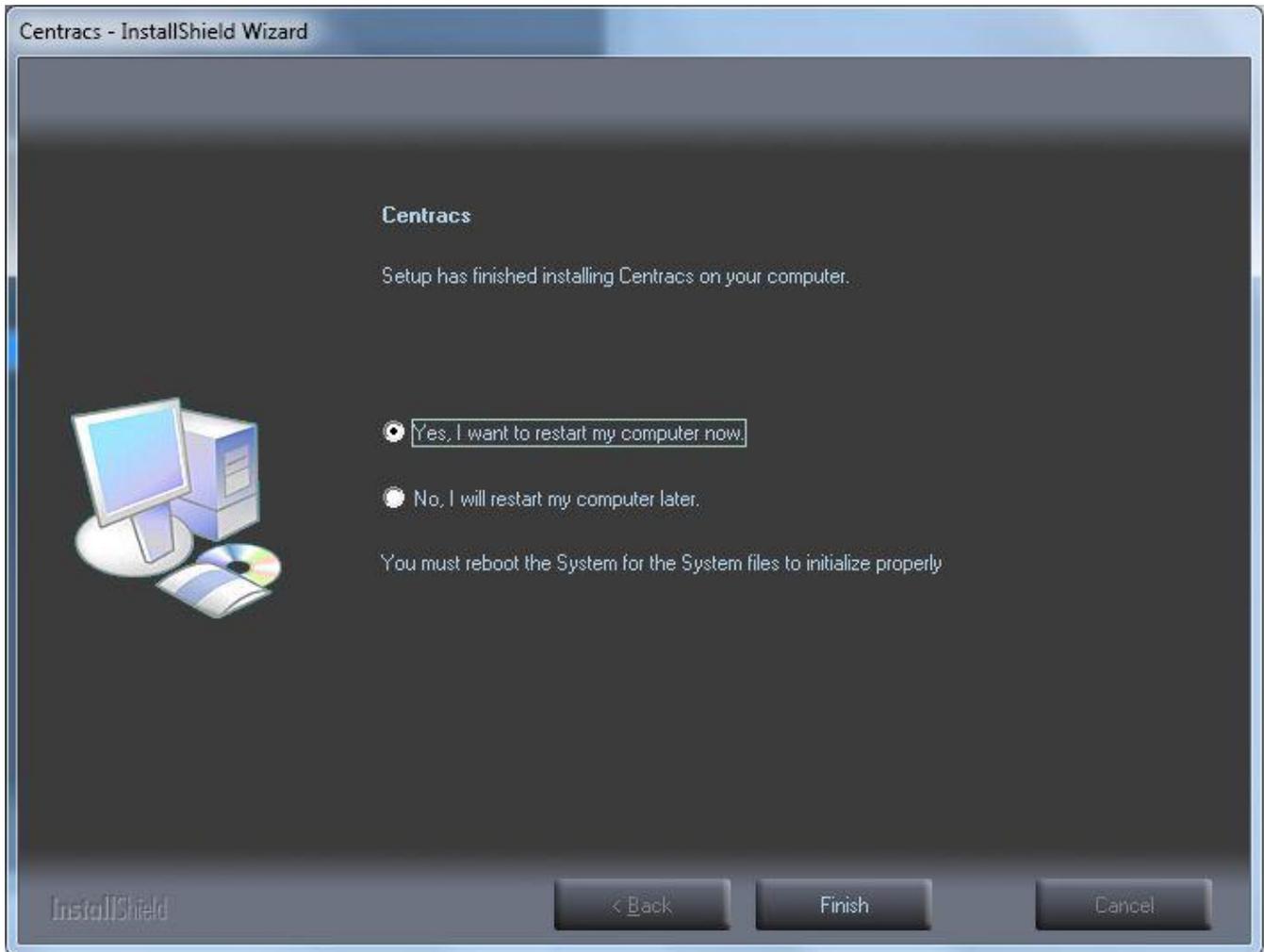


13. Click on the applicable button:

- To review or change the installation settings, click **<Back**.
- To start the installation, click **Install**.
- To exit the wizard, click **Cancel**.



Restart Computer to Initialize Files



14. Click on the applicable radio button:

- Yes, I want to restart my computer now.
- OR-
- No, I will restart my computer later (necessary for system files to correctly initialize).

15. Click **Finish**.

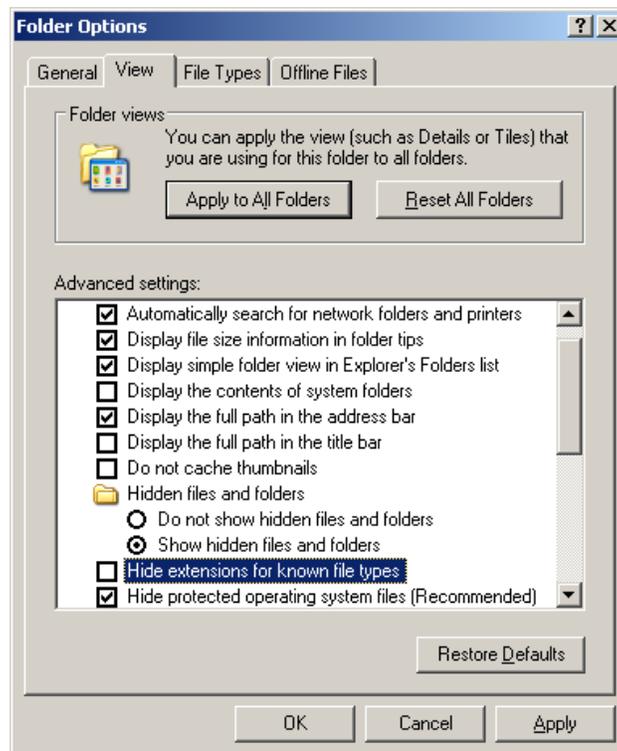
Show File Extensions

To show file extensions:

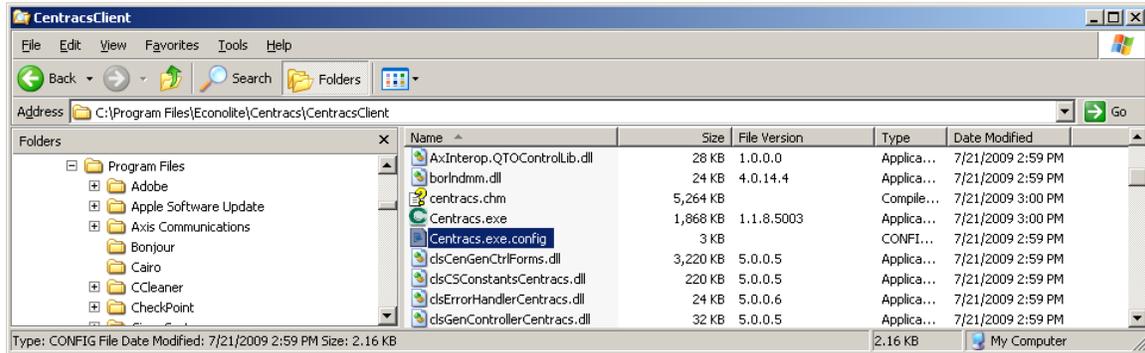
1. Go to Windows Explorer.
2. Click **Tools > Folder Options...**



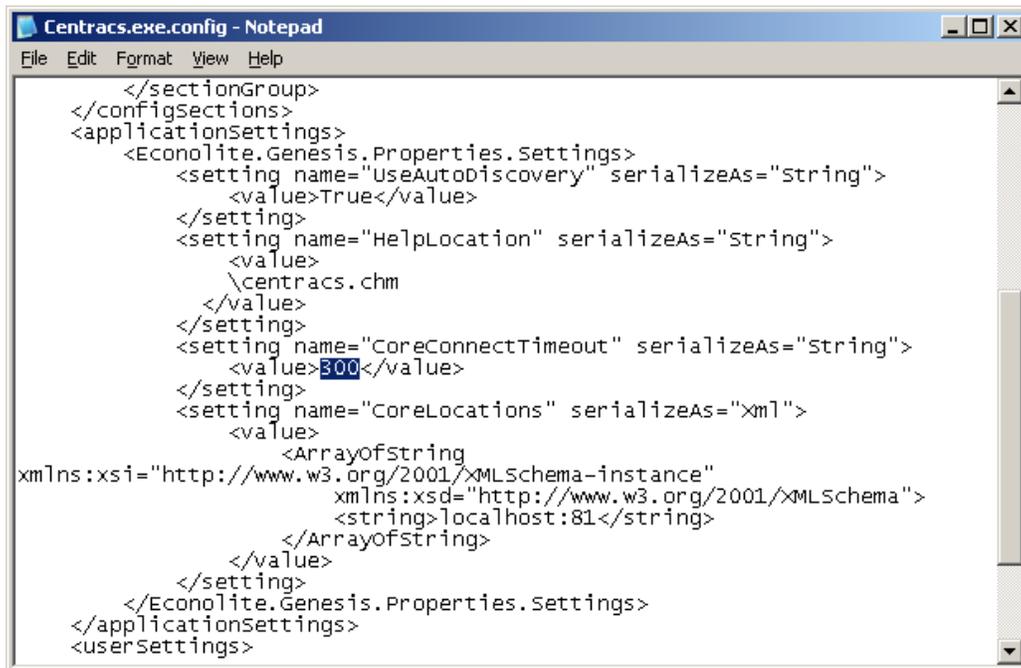
3. Click the "View" tab:
4. Deselect "Hide extensions for known types."
5. Click **OK**.



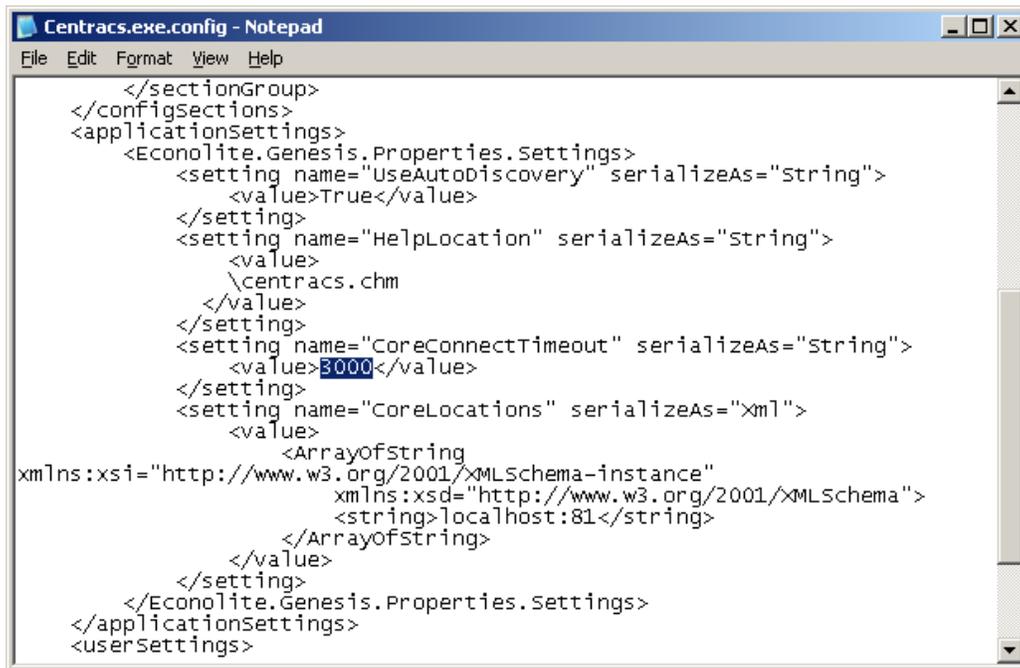
Configure Centracs.exe.config



1. Browse to "C:\Program Files\Econolite\Centracs\CentracsClient"
2. Right click on "Centracs.exe.config"
3. Open with Notepad.
4. Locate "300" in "<value>300</value>" as shown below.



5. Change to “3000” as shown below.



```
Centracs.exe.config - Notepad
File Edit Format View Help
</sectionGroup>
</configSections>
<applicationSettings>
  <Econolite.Genesis.Properties.Settings>
    <setting name="UseAutoDiscovery" serializeAs="string">
      <value>True</value>
    </setting>
    <setting name="HelpLocation" serializeAs="string">
      <value>
        \centracs.chm
      </value>
    </setting>
    <setting name="CoreConnectTimeout" serializeAs="string">
      <value>3000</value>
    </setting>
    <setting name="CoreLocations" serializeAs="xml">
      <value>
        <ArrayOfString
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xmlns:xsd="http://www.w3.org/2001/XMLSchema">
            <string>localhost:81</string>
          </ArrayOfString>
        </value>
      </setting>
    </Econolite.Genesis.Properties.Settings>
  </applicationSettings>
</userSettings>
```

6. Locate “<string>localhost:81</string>”
7. Change to “<string>Your_Core_Server_Name_or_IP_Address:81</string>”
8. Click **File > Save**
9. Close “Centracs.exe.config”
10. Close Windows Explorer.

Run Centracs



1. On the Desktop, double click on the *Centracs* shortcut,



2. Enter User Name.
3. Enter Password.
4. Click **Log In**.

Notes

- When *Centracs* Core Server updates have been installed, *Centracs* Client Workstation will automatically update from the *Centracs* Core Server.
 - After login, *Centracs* Client Workstation compares its version with the version of the *Centracs* Core Server. If the versions are not the same, the server gives you the option to update:
 - If you select “Yes,” the latest version of *Centracs* is transferred to the *Centracs* Client Workstation and installed.
 - If you select “No,” the *Centracs* Client Workstation software will not connect to the *Centracs* Core Server until you accept to install the update capability.
-