

FDOTSS3 Installation Guide



Florida Department of Transportation
Engineering/CADD Systems Office
605 Suwannee Street
Mail Station 69
Tallahassee, FL 32399-0450
(850) 414-4711

www.dot.state.fl.us/ecso/
Email: ecso.support@dot.state.fl.us



Table of Contents

- Table of Contents 2
- Overview 3
 - System Requirements..... 3
 - General Information..... 4
 - User Access Rights 4
 - Microsoft .NET Framework..... 5
 - Silent Installations..... 6
 - Installation Order 7
- Sample Installations 7
 - FDOTSS3 Server 7
 - FDOTSS3 Client..... 11
 - FDOTSS3 Workstation (Stand-Alone)..... 15

Overview

System Requirements

- Microsoft Windows 7 (32bit and 64bit)
- Microsoft .NET Framework 3.5
- Microsoft Office 2013

- PowerGEOPAK (Select Series 3) 08.11.09.722
OR
- MicroStation V8i (Select Series 3) 08.11.09.608
- GEOPAK Suite (Select Series 3) 08.11.09.722

NOTE: The system requirements are based on the FDOT standard software for CADD workstations. Older versions of Office can be used.

NOTE: Newer versions of GEOPAK are available but currently unsupported. If used the newer version will convert the files and it can no longer be opened using the specified version.

NOTE: The 08.11.09.608 version of MicroStation was compiled specifically for the 08.11.09.722 version of GEOPAK. The best way access and download MicroStation from Bentley's SELECTServices site is to Search for the 08.11.09.722 version of the BENTLEY GEOPAK Civil Engineering Suite and download it with its dependent version of MicroStation as Shown below.

The screenshot shows the Bentley SELECTServices website interface. On the left is a search sidebar with filters for Product Line, Brand, Generation, Release Type, Language, Deliverable Type, Application Architecture, and Release Date. The main content area displays search results for 'Bentley GEOPAK Civil Engineering Suite'. A table lists the available downloads:

	Product Name	Version Number	Release Date	File Size	
<input type="checkbox"/>	Bentley GEOPAK Civil Engineering Suite V8i (English) x86	08.11.09.722	07/25/2014	488 MB	
Dependencies					
<input type="checkbox"/>	MicroStation V8i (English) x86	08.11.09.608	06/13/2014	1124 MB	
<input type="checkbox"/>	Bentley GEOPAK Civil Engineering Suite V8i (English) x86	08.11.09.674	03/10/2014	463 MB	

The 'Dependencies' row and the 'MicroStation V8i (English) x86' entry are circled in red. A green banner at the top right indicates 'Download Queue: 5 items'.

General Information

The FDOTSS3 Suite can be installed in 2 configurations.

1. Server/Client
2. Stand-Alone Workstation

Server/Client configuration is ideal for sites with multiple computers. In this configuration a FDOTSS3 directory is installed on a server with the clients accessing the FDOTSS3 resources from the server. This allows the administrator to update the FDOTSS3 resources on an unlimited number of clients by updating the server.

- NOTE: This configuration is done through two installations. First the FDOTSS3 Server must be installed and then the FDOTSS3 Client software can be installed on the client computers.

The Stand-Alone Workstation configuration should only be used when a computer will not always have access to the network, such as a laptop, or when a network is not present. This configuration has been provided to create the FDOTSS3 directory locally and configure MicroStation to access the FDOTSS3 workspace locally.

User Access Rights

Users must have rights to modify files in the local FDOTSS3 directory and its subdirectories. Access to files on the server may be restricted to Read only.

Microsoft .NET Framework

Microsoft .NET Framework, version 3.5 or higher must be loaded on the local workstation before the FDOTSS3 software will operate properly. If used in a Client\Server configuration, the Microsoft .NET Framework Security must be properly configured on each Client.

To configure the Net Framework Security:

1. Click the Start Button.
2. In the Search field type 'CMD'.
3. Right Click on the CMD.exe icon in the Programs list and select Run as Administrator.
4. Copy and paste the following keyin in CMD window:

NOTE: On a 64-bit machine, you should run both the 64bit and 32bit commands.

64bit system:

```
c:\windows\Microsoft.NET\Framework64\v2.0.50727\caspol.exe -quiet -machine -chggroup LocalIntranet_Zone FullTrust
```

32bit system:

```
c:\windows\Microsoft.NET\Framework\v2.0.50727\caspol.exe -quiet -machine -chggroup LocalIntranet_Zone FullTrust
```

Silent Installations

The FDOTSS3 installations can be completed silently. It will be necessary to provide the values for specific properties in the command line string. These properties will define the values typically enter into the dialogs during a manual installation.

Command line syntax:

```
Msiexec /i <path to msi> /qn PROPERTY=value PROPERTY=value
```

You can include multiple properties separated by a space.

NOTE: The name of a property contains only uppercase letters.

NOTE: The trailing backslash is required for the paths defined.

Client Properties	
APPDIR	Defines the path to the local FDOTSS3 directory
SERV	Defines the path to the FDOTSS3 server directory
PROJ	Defines the path to the MicroStation Projects directory

```
Msiexec /i \\ServerName\SherName\FDOTSS3Client.msi /qn APPDIR=c:\FDOTSS3\  
SERV=\\Server\Share\FDOTSS3\ PROJ=c:\e\projects\
```

Workstation Properties	
APPDIR	Defines the path to the local FDOTSS3 directory
PROJ	Defines the path to the MicroStation Projects directory

```
Msiexec /i \\ServerName\SherName\FDOTSS3Workstation.msi /qn  
APPDIR=c:\FDOTSS3\ PROJ=c:\e\projects\
```

Installation Order

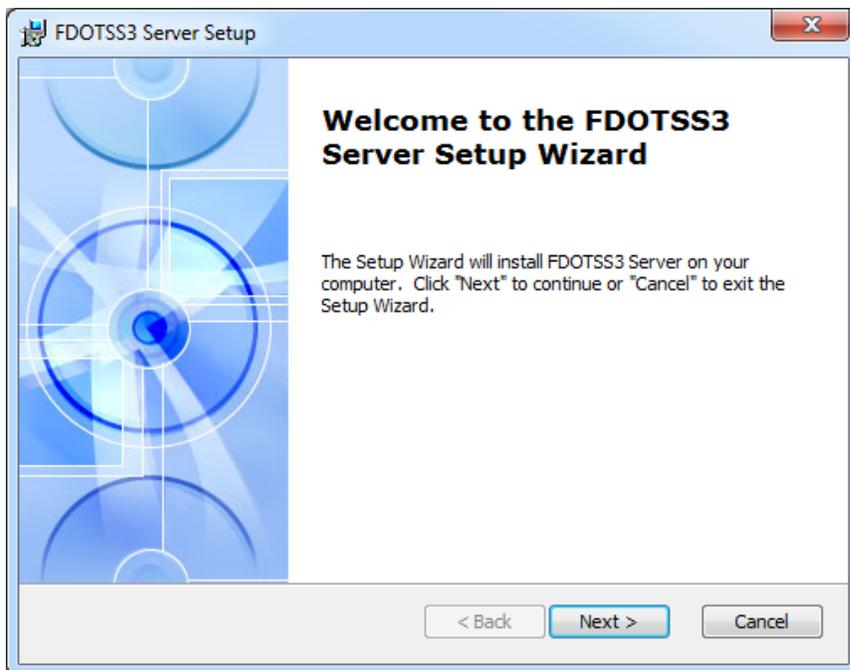
The suggested installation order is shown below:

1. Operating System (with service packs)
2. Microsoft Office Suite
3. Microsoft .NET Framework.
4. PowerGEOPAK (or MicroStation and GEOPAK Suite)
5. FDOTSS3 (Client or Workstation)

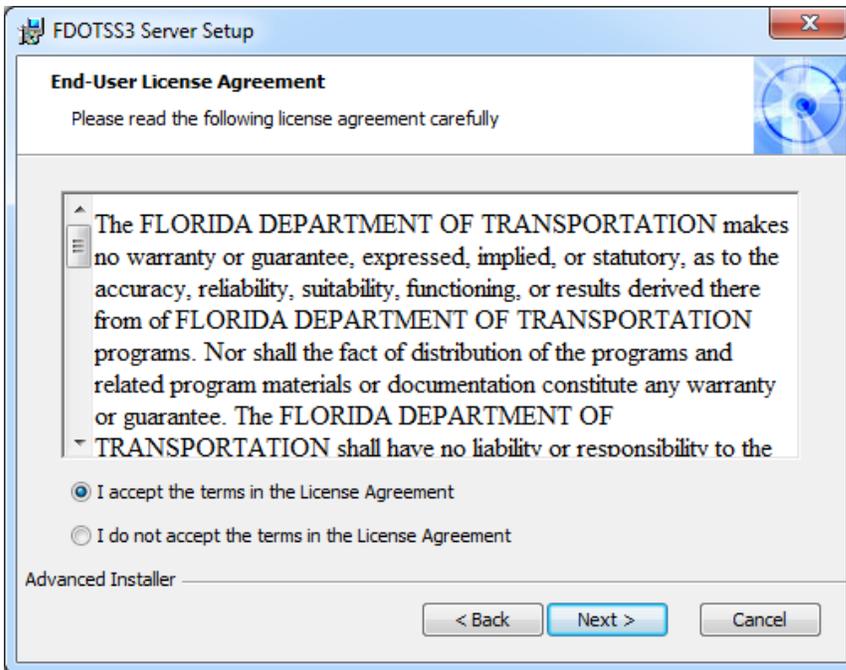
Sample Installations

FDOTSS3 Server

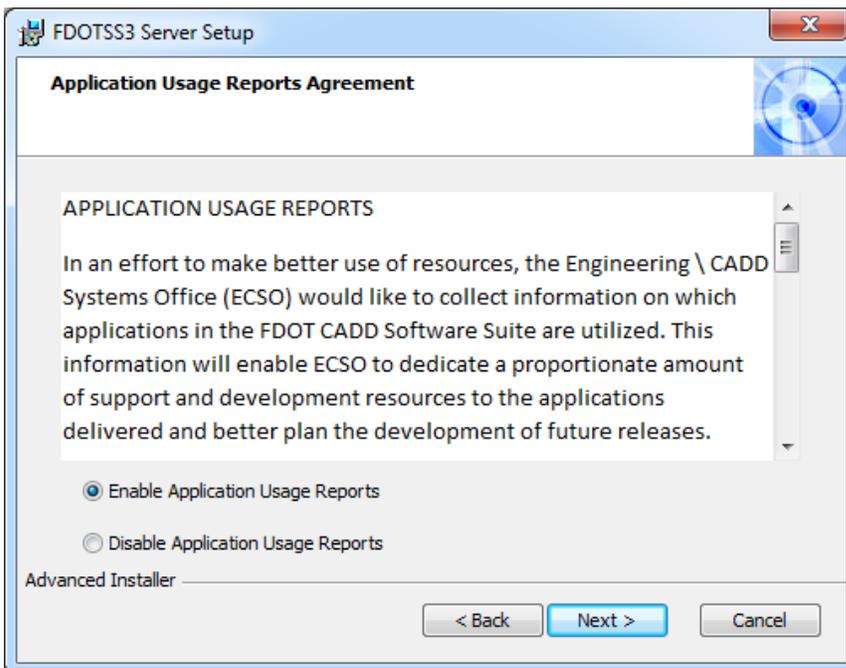
Installing the FDOTSS3 Server will create a FDOTSS3 directory containing the resources used by the FDOT workspaces to customize MicroStation for use on FDOT projects.



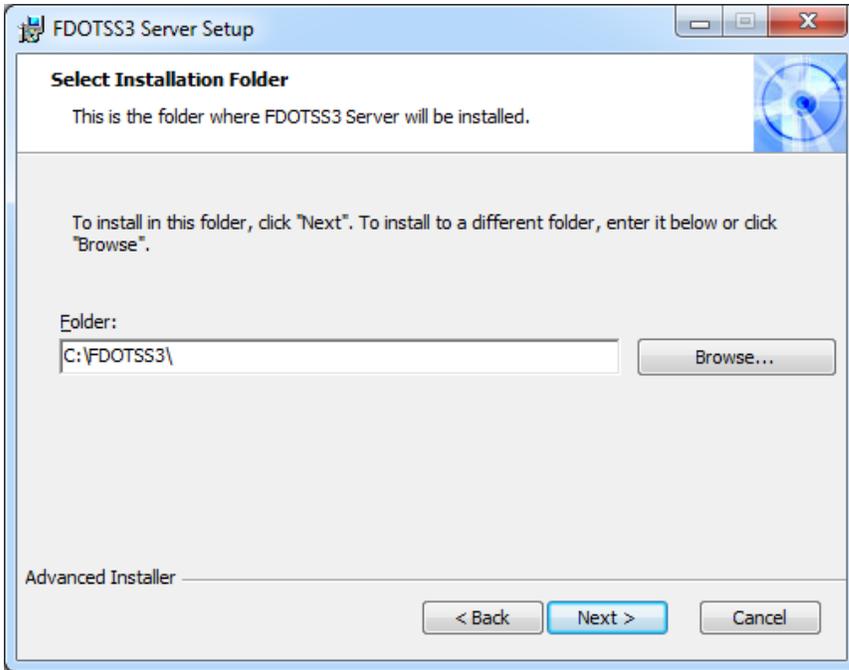
Select **Next** to continue.



Accept the License Agreement and click **Next** to continue.

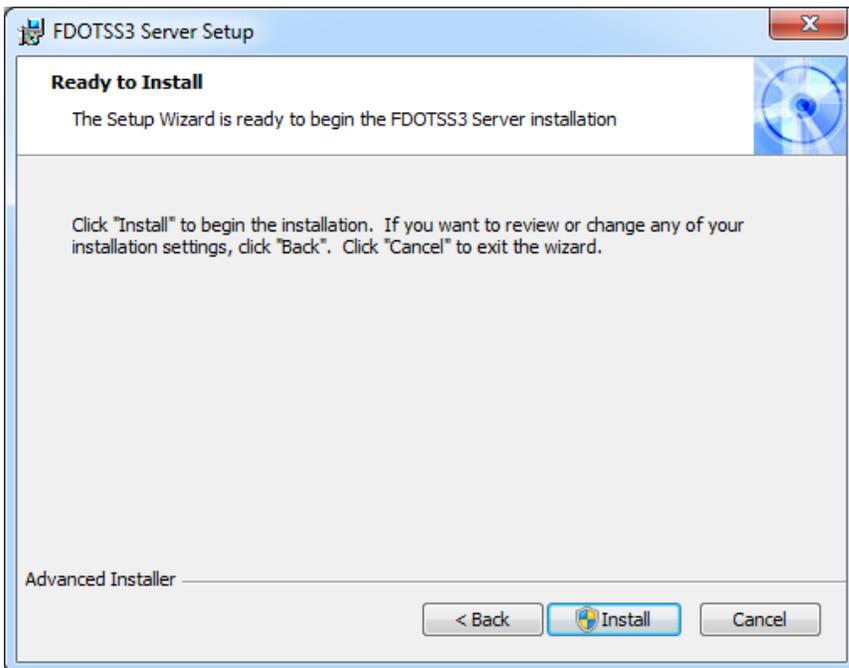


Choose to Enable or Disable Application Usage Reports and click **Next**.

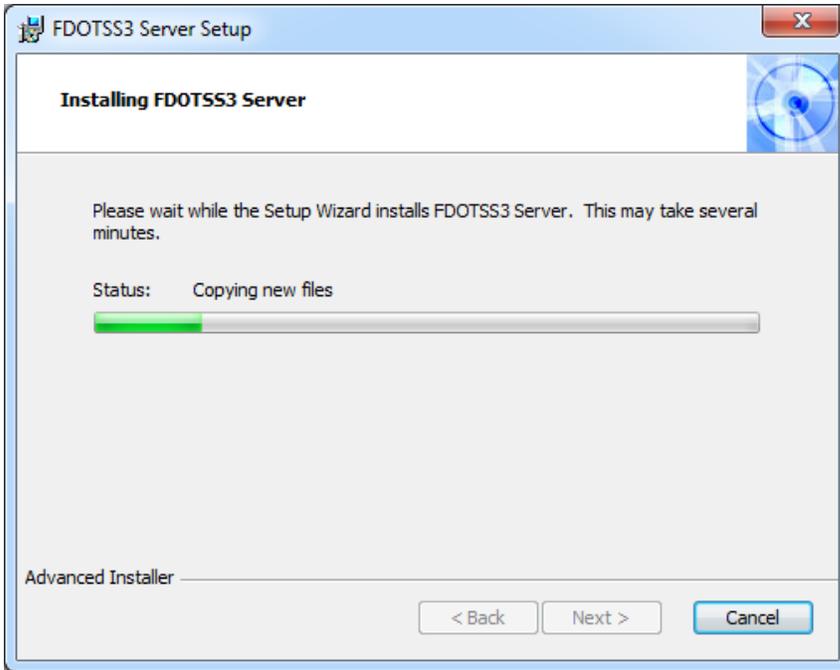


Key in the destination path for the FDOTSS3 server directory or click the **Browse** button to define the software destination directory.

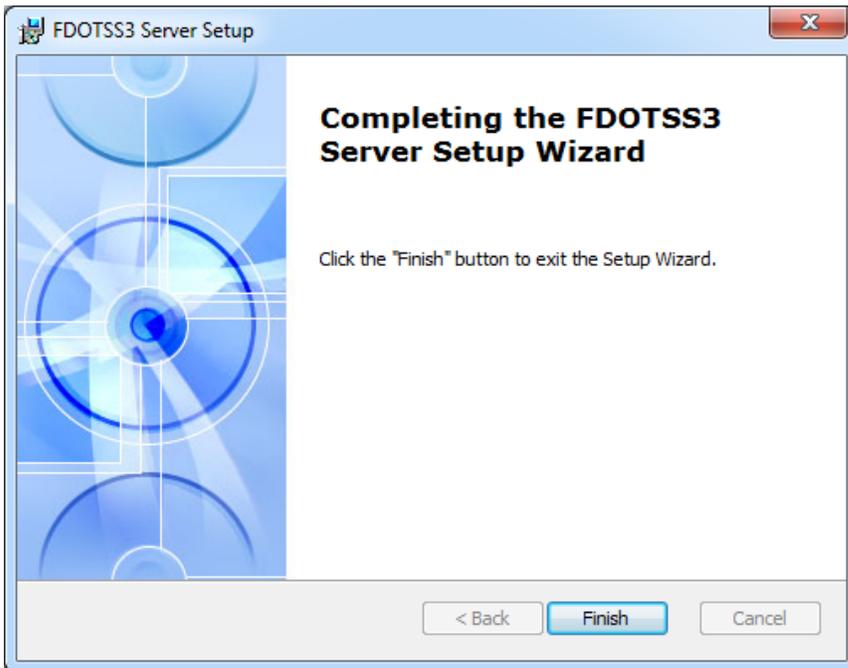
When the path is defined select **Next** to continue.



Select **Install** to continue.



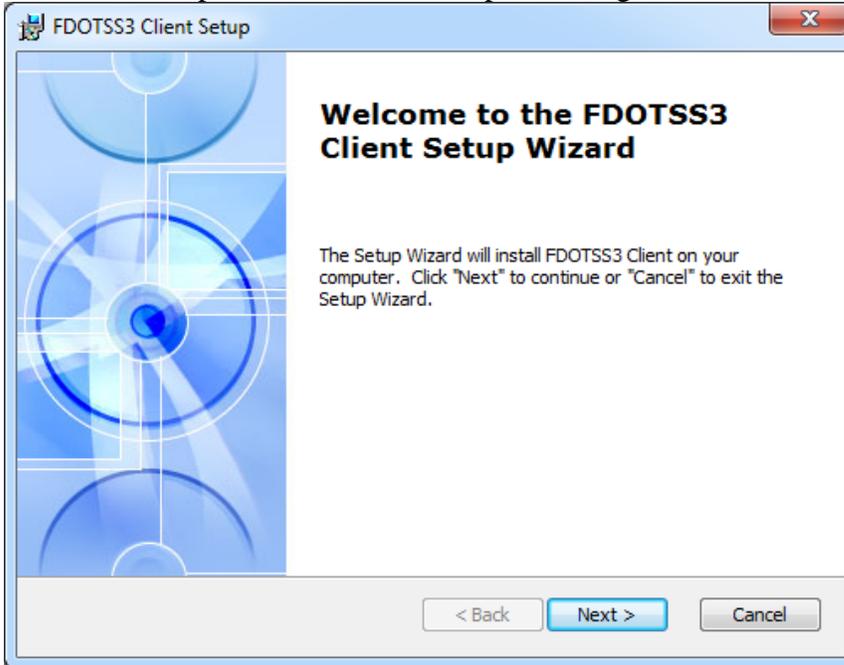
Files will be copied to the destination path.



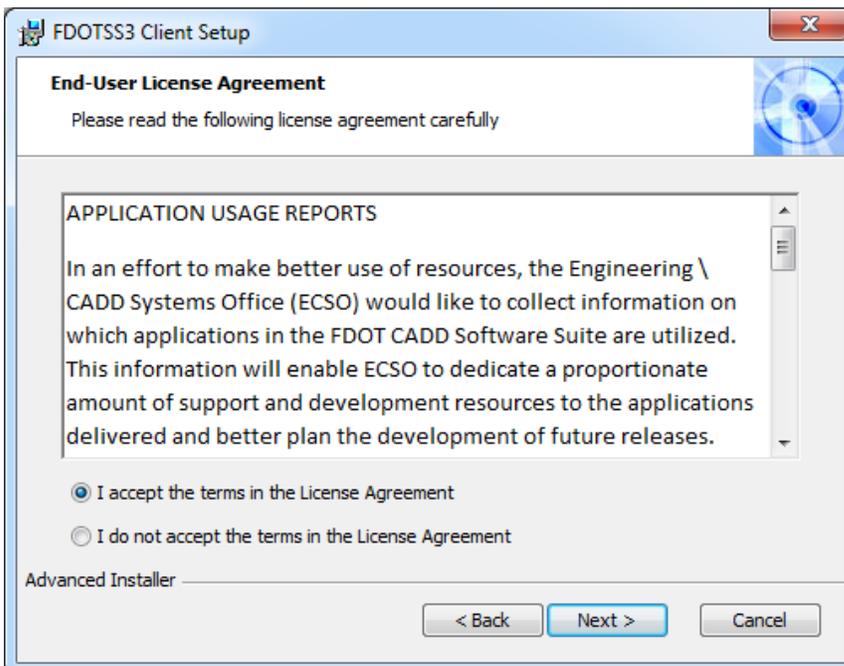
Select **Finish** completing the installation.

FDOTSS3 Client

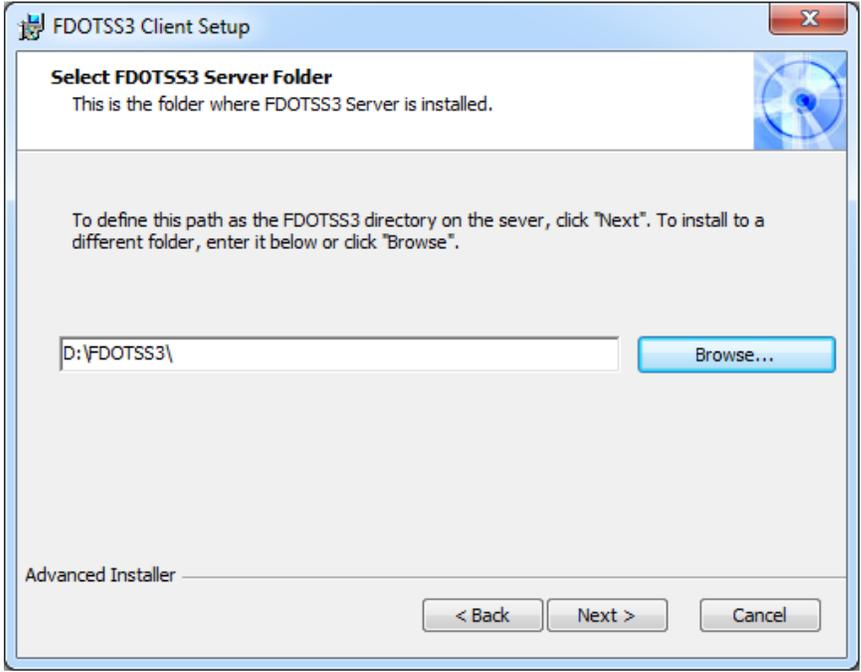
MicroStation workspaces will be installed and configured to read FDOTSS3 and MicroStation resources from a server. Only a minimum of files for end user customization, preferences and workspace configuration will be installed locally.



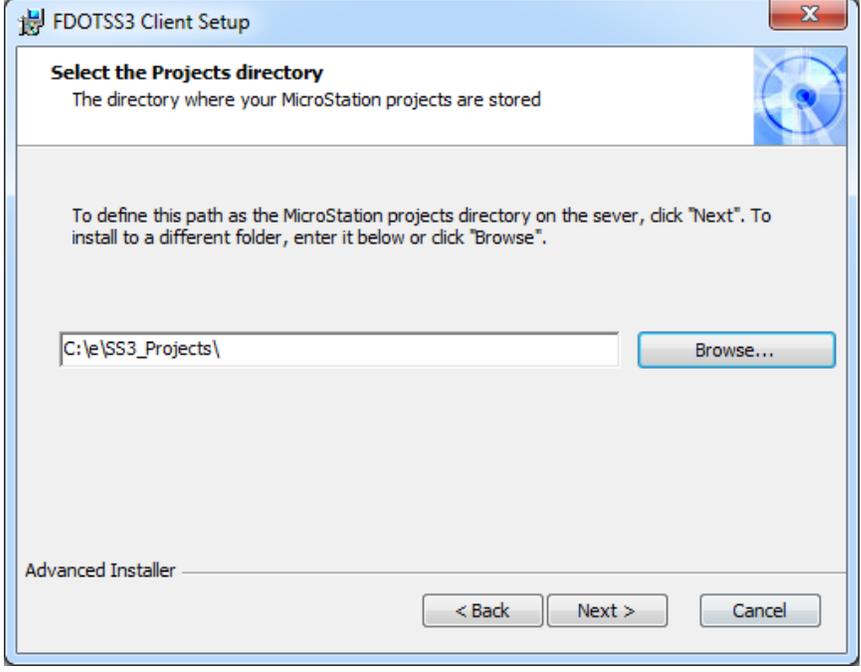
Select **Next** to continue.



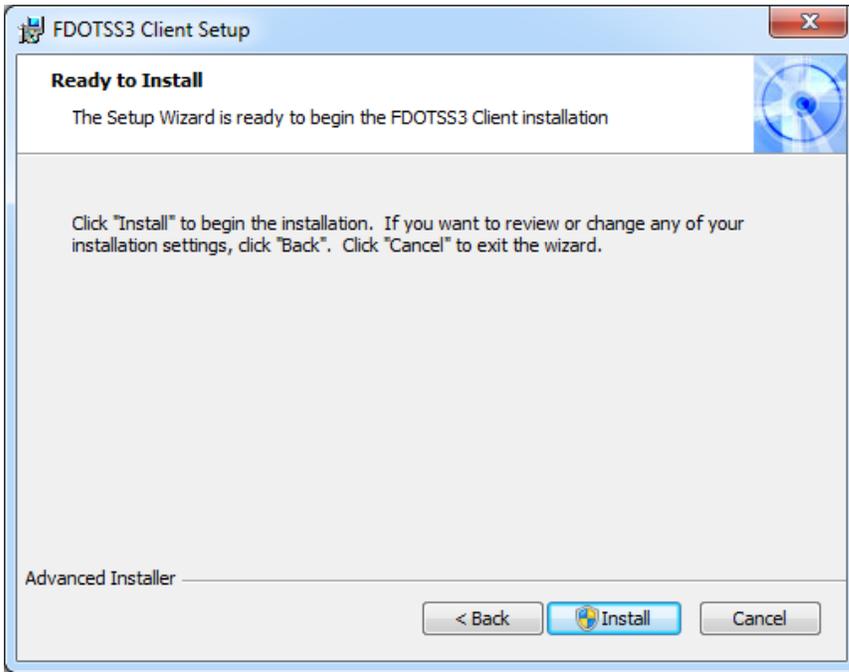
Accept the End-User License Agreement and click **Next** to continue.



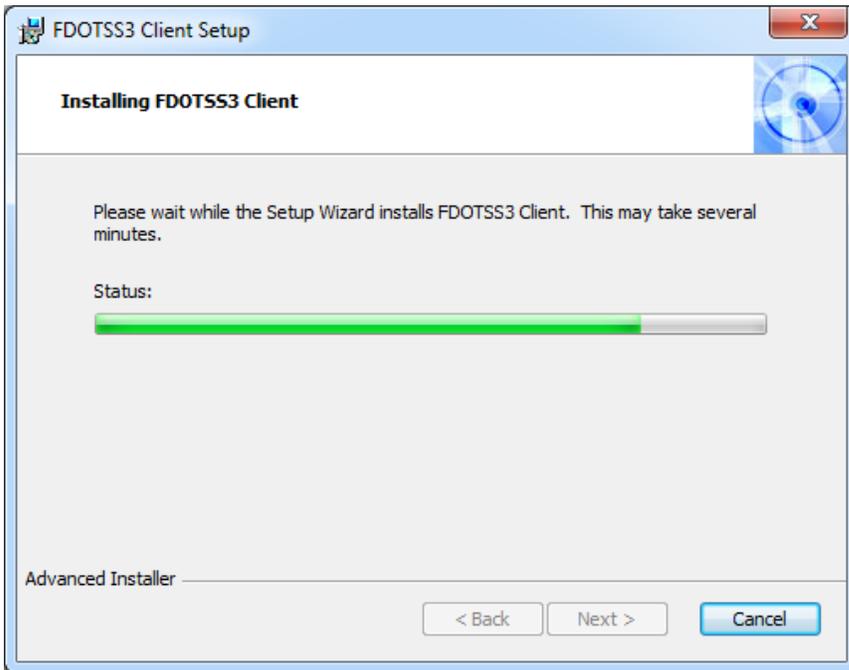
Define the path to the FDOTSS3 directory on the server or key in UNC path and click **Next**.



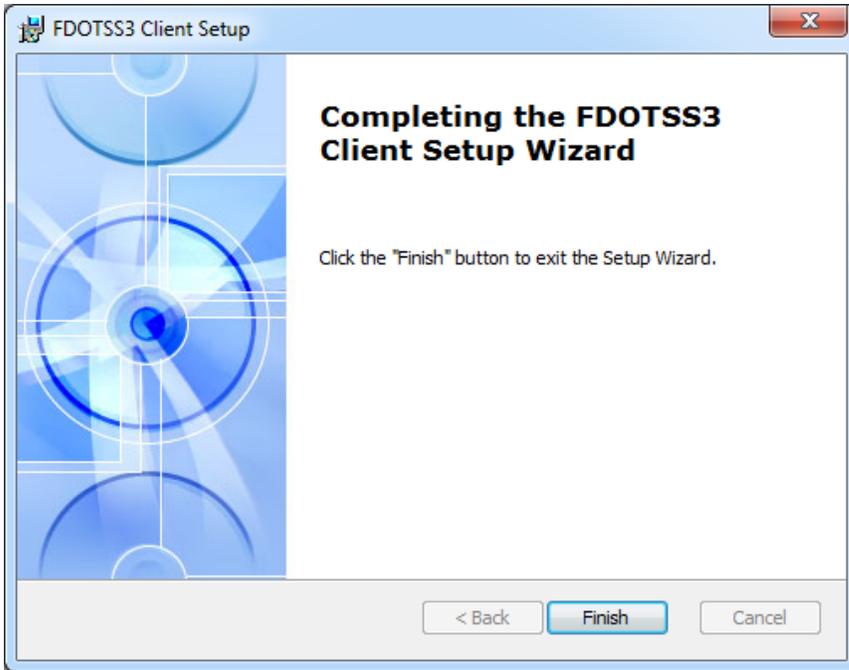
Define the path to the MicroStation "Projects" directory or key in path and click **Next**.



Select **Install** to continue.



Files will be copied to the destination path.



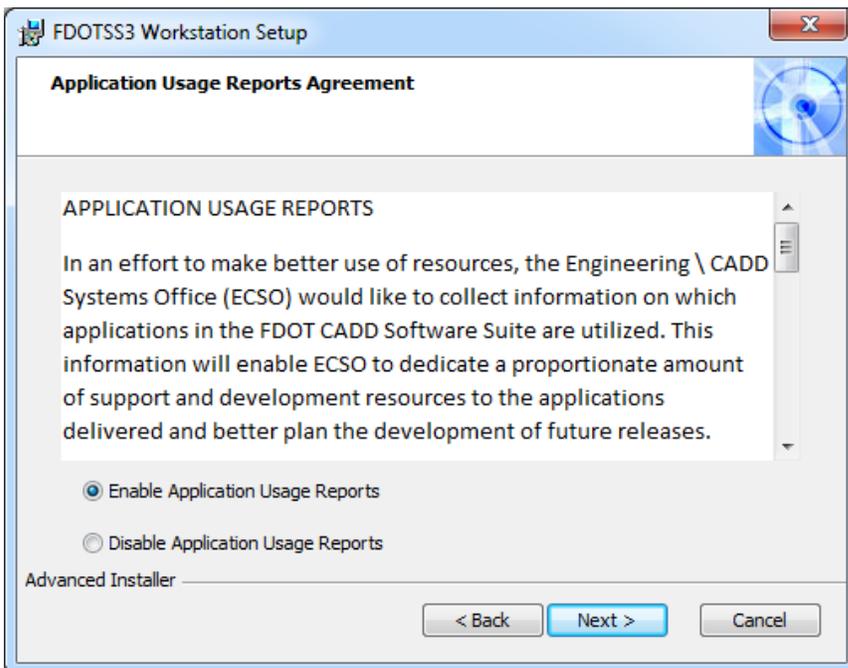
Select **Finish** completing the installation.

FDOTSS3 Workstation (Stand-Alone)

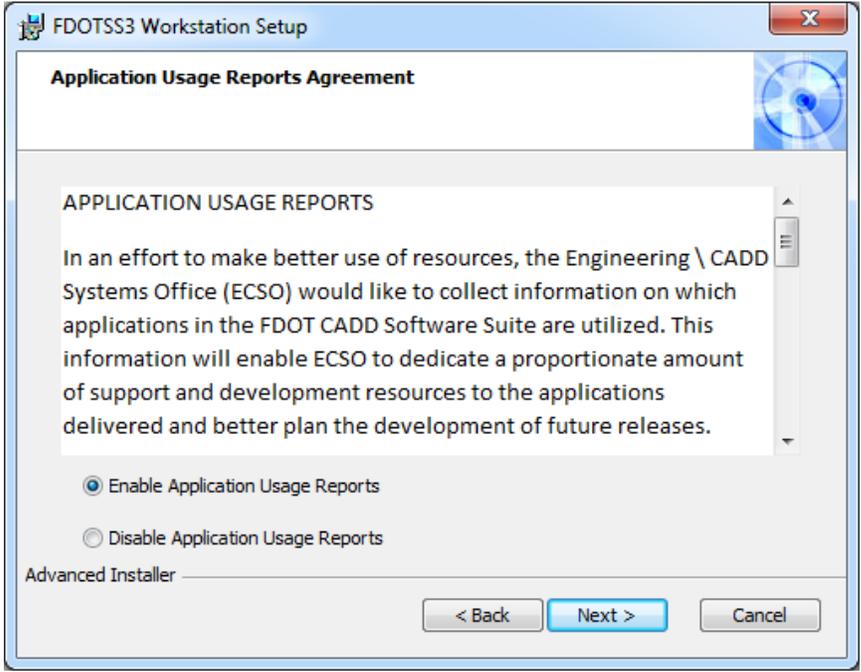
MicroStation workspaces will be installed and configured to read FDOTSS3 and MicroStation resources from a local FDOTSS3 directory.



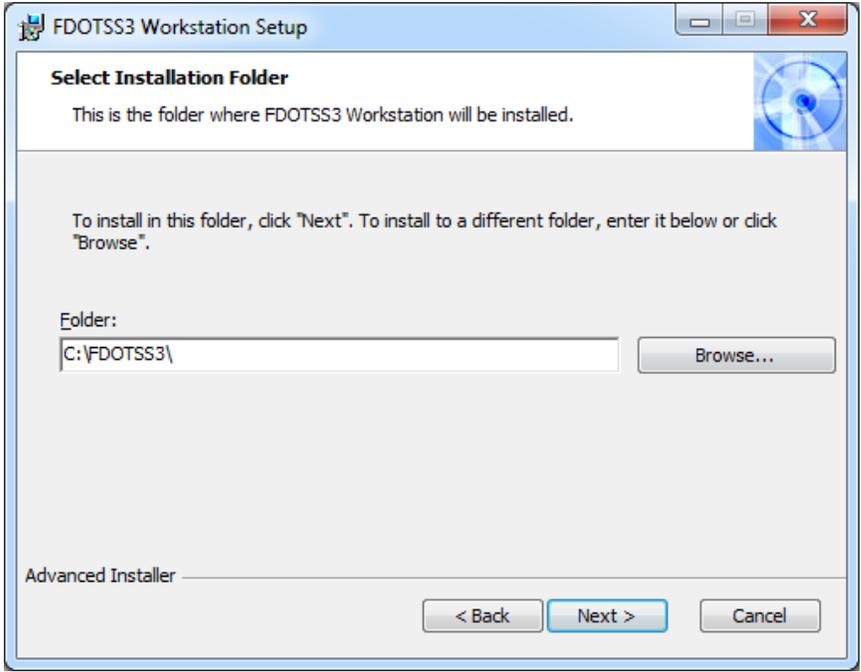
Select **Next** to continue.



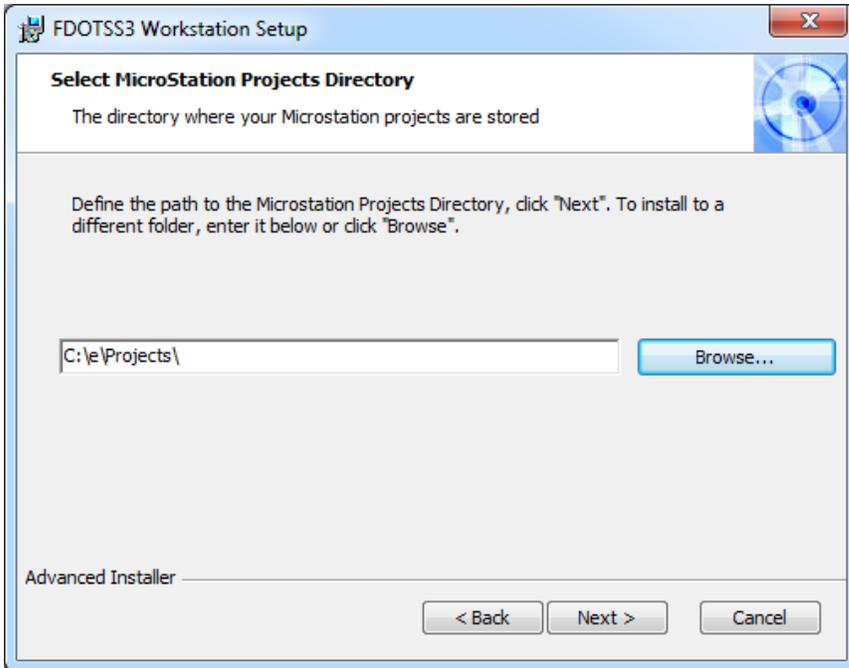
Accept the End-User License Agreement and click **Next** to continue.



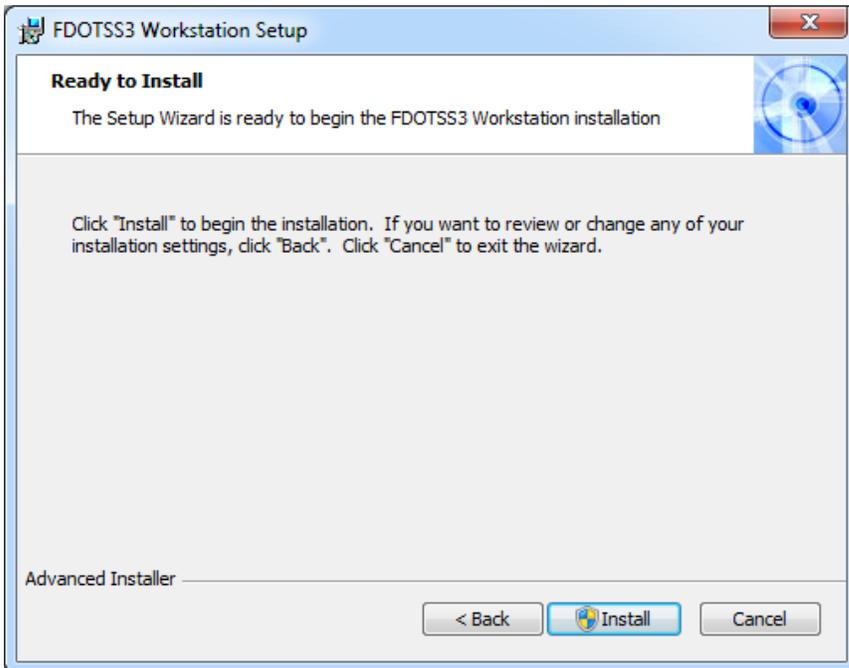
Choose to Enable or Disable Application Usage Reports and click **Next**.



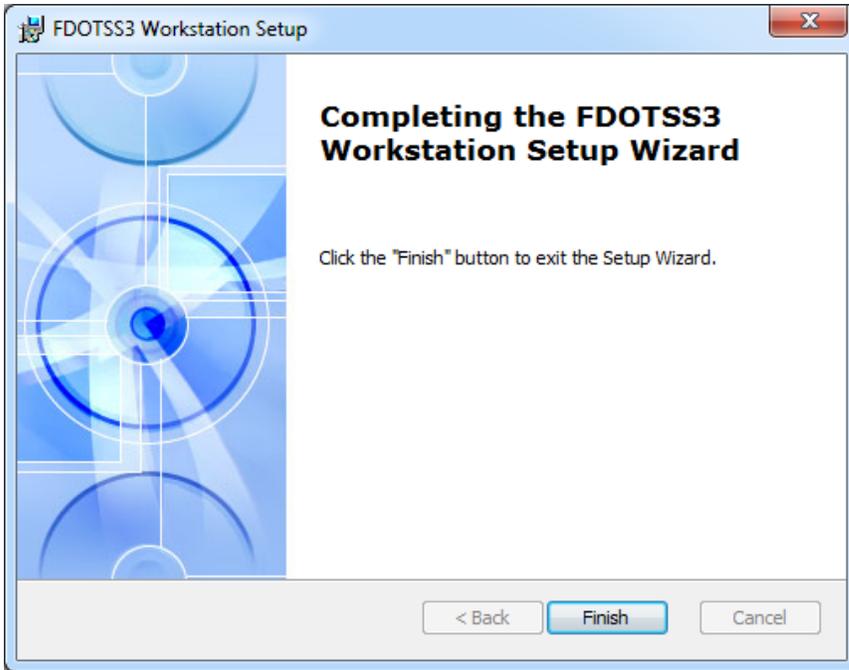
Select **Next** to continue.



Click Browse to define the path to the MicroStation “Projects” directory or key in path.



Select **Install** to continue.



Select **Finish** completing the installation.