

AutoCAD 2010 Installation from Network Deployment Guide

The follow guide is Ideate's recommended method of creating a network deployment for AutoCAD 2010. A deployment is created when several users need to install the software and the CAD Manager would like all the users to have certain preselected settings. *A deployment is not recommended for less than 5 seats of software, as a direct installation, from the DVD, on all the individual machines might be faster.*

The procedures given are an overview of the creation of a network deployment of AutoCAD 2010 to be run in non-silent mode. Further information can be found in chapter 3 of the *Network Administrator's Guide* (D:\en-US\SetupRes\Docs\acad_nag.pdf on the AutoCAD 2010 Media.)

The images in this guide were captured from the Create Deployments routine from the AutoCAD 2010 Installation DVD. This general process is similar to all vertical products and can be extrapolated for use with Autodesk's other AutoCAD 2010 based products. (Architecture, MEP, Civil 3D, etc.).

The theme of this document: **Keep It Simple**

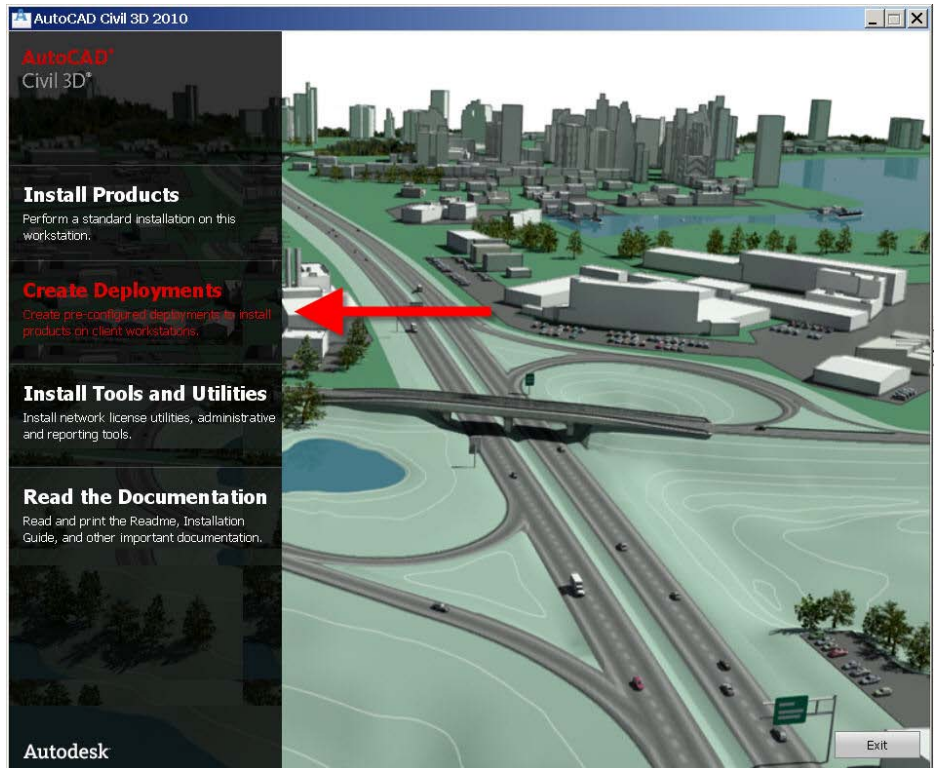
Steps needed before you get started

1. Turn off virus protection on client and server if possible
 - a. This can make a difference of a couple of hours
2. Create a shared folder called Deployments on server
Note: Once the deployment has been created, it should not be moved, so please choose the location carefully.
3. Share new folder as Deployments with full access
4. Create a folder called *AutoCAD Civil 3D 2010* within the Deployments folder.
5. Create a folder called *AutoCAD Civil 3D 2010 Media Image* within the *AutoCAD Civil 3D 2010* folder.
6. Copy AutoCAD Civil 3D 2010 DVD to the *AutoCAD Civil 3D 2010 Media Image* folder
7. Run **SETUP.EXE** from the AutoCAD 2010 Media Image folder
 - a. Depending on the speed of your network you may want to create the deployment from the server.

If you do create it from the server, run everything from the shared directory: \\server\Deployments\AutoCAD Civil 3D 2010 Media

Note: Do NOT create a deployment or install from a deployment over a WAN or a VPN Connection.

Select: **Create Deployments**



Begin Deployment:

You will be prompted to browse to a folder to place the deployment in.

Specify the Administration Image Location:

Browse to the `\\Server\Deployments\AutoCAD Civil 3D 2010` Folder that you created earlier.

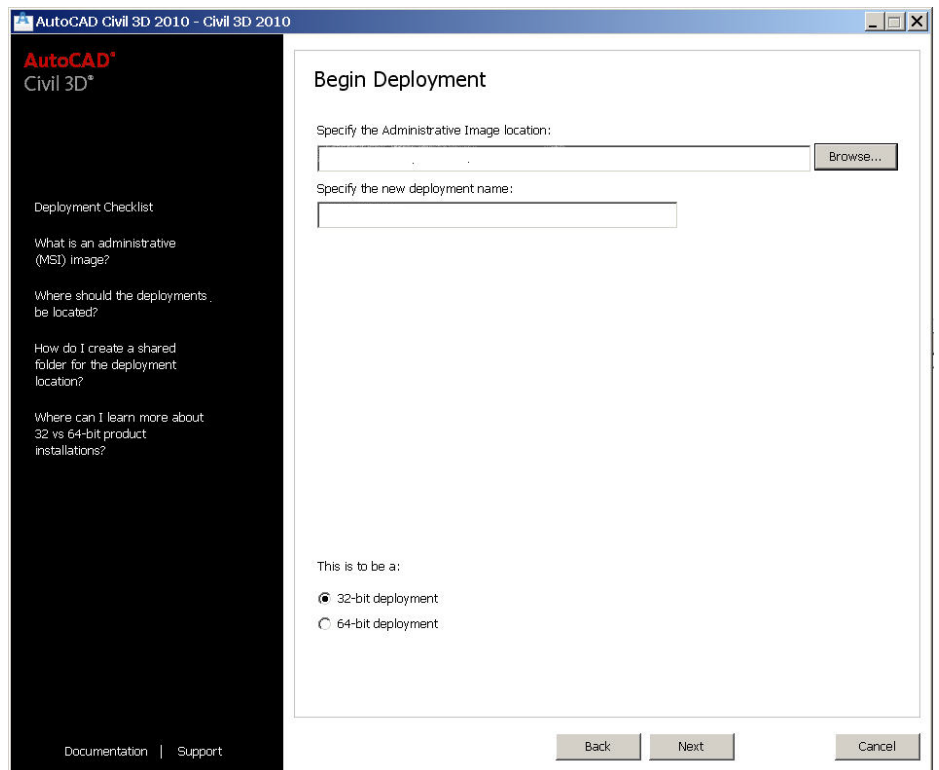
If you want you can also create the deployment locally by specifying a folder on the local drive and moving this to a shared location after the deployment is made you can manually type this location into the **Admin. Image Path**.

Deployment Name: AutoCAD Civil 3D 2010

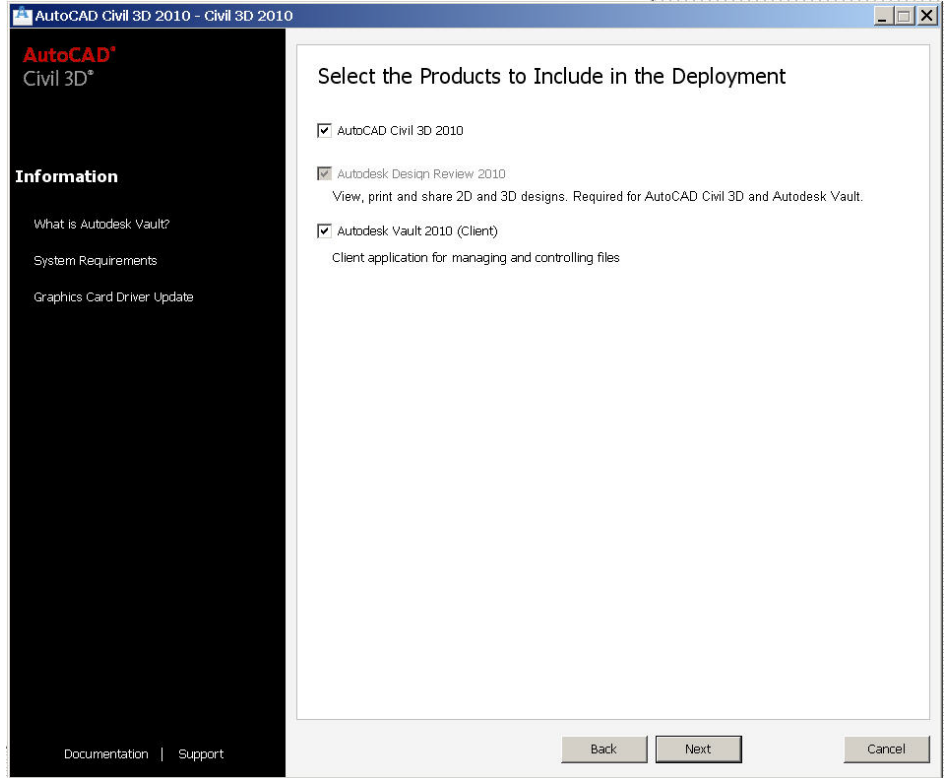
32 vs. 64 bit:

32 bit deployments may only be used on a 32 bit machine. If you have users who are using 64 bit Operating Systems, you will need to create two separate deployment images and differentiate between the two.

Choose **Next**

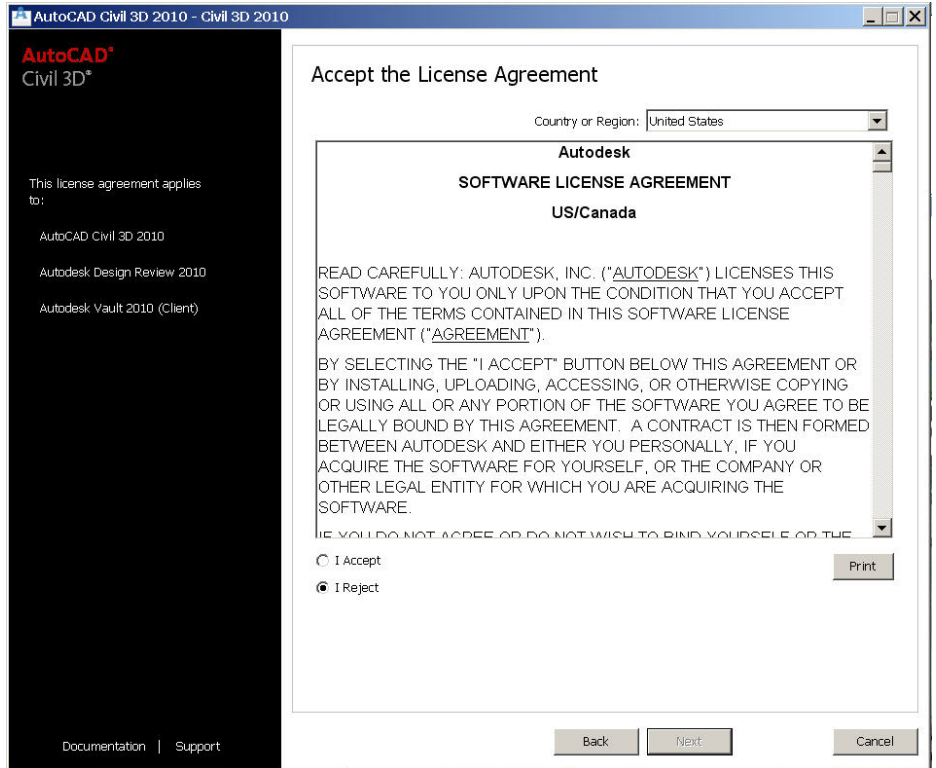


Select the Products to Include:
 Ensure you have selected **AutoCAD Civil 3D 2010**, and if you would like you can include **Autodesk Design Review**



Choose **Next**

Accept the License Agreement:
 Accept the EULA to continue into the Configuration.



Choose **Next**

Product and User Information

Enter your **Serial Number** and **Product Key**. This is found on the back of the Product Case.

Also enter your **Name** and **Company**.

This information is not sent to Autodesk

Note: You can also use serial number of 999-99999999 if you plan on using this image for stand-alone installations. The Product Key will remain the same as on the package. When you activate the installation you will be prompted to enter the serial number when launching the applications. Simply use the serial number assigned to that user/computer

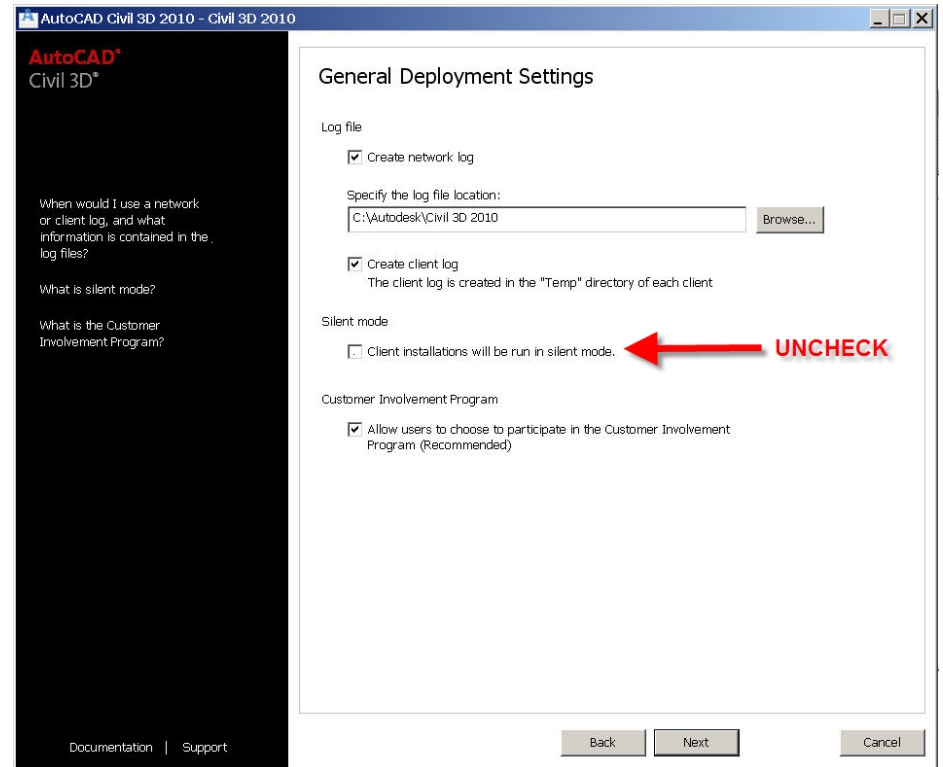
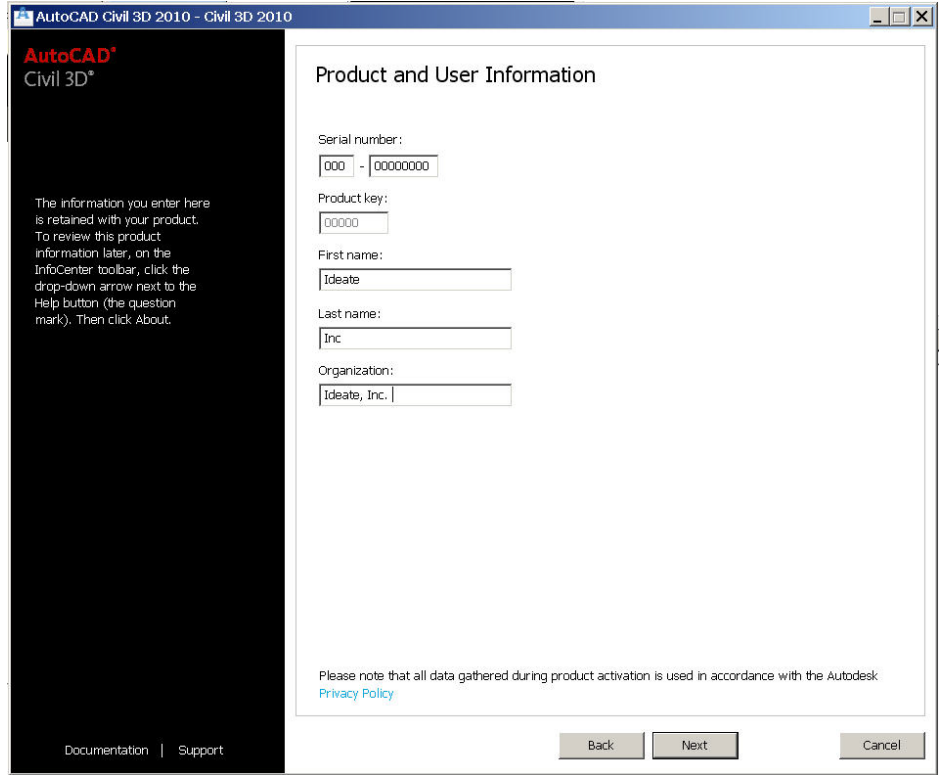
Choose **Next**

General Deployment Settings:

Ideate recommends that you check **Create client logs**. This way, you can keep track of who is using the deployment and which computers it has been installed on. Also, if there is an installation error, you can check the log file for clues to the cause of the issue..

In the same vein, we like to recommend unchecking **“Silent Mode”** as this will inform the user of any errors during the installation process.

Choose **Next**

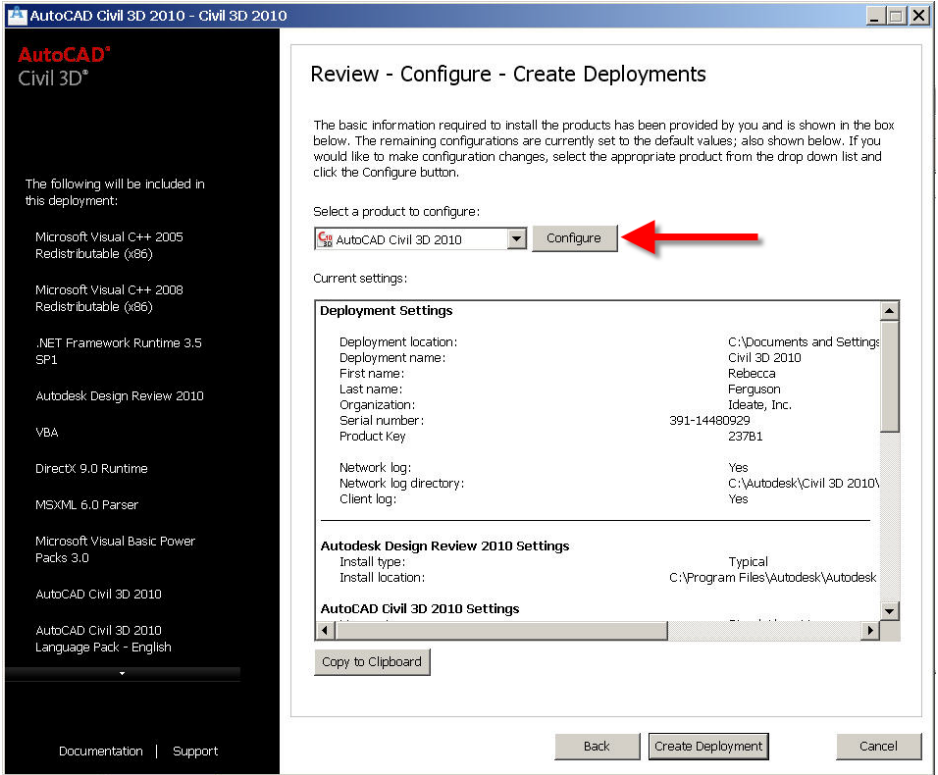


Review:

By default the installation is configured as a Standalone installation. If you are creating the deployment for a large number of network users you will need to configure the deployment as such.

To do so, you simply choose the **Configure** radio button

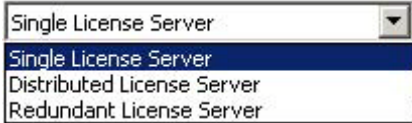
Again You **MUST** select configure in order to tell it to install as a NETWORK deployment.



Select a License Type:

Once in the configuration dialogue, switch the version to **Network License**, Installations from a stand-alone deployment will never try and check out a license from a license server. It will ask you to authorize the software instead of checking out a license.

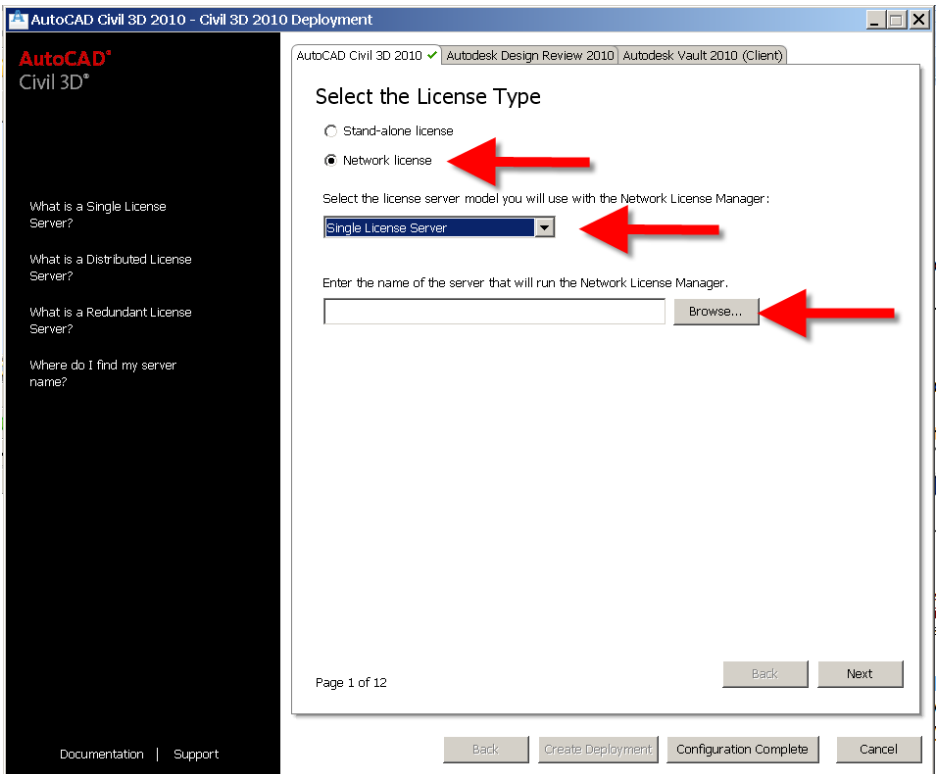
Set the Server License Model to Single License Server



For more information on other Server types you can reference the Network Licensing Guide on the media or in the software image you created, D:\en-US\SetupRes\Docs\ adsk_nlg.pdf

Lastly, choose Browse and select the server on your network that will hold the Autodesk Network License Manager to distribute your AutoCAD Licenses.

Choose **Next**



Select the Installation Type:

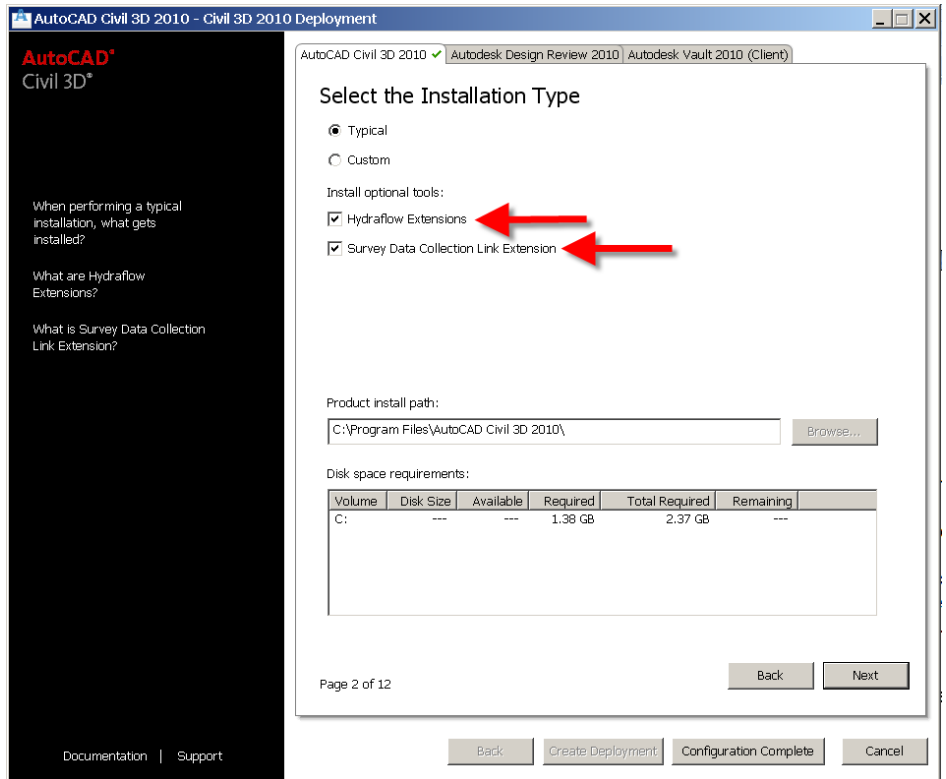
Keep the **Typical** configuration

Express Tools is included by default

Install optional tools This is where you can ensure the installation of the *Hydroflow Extensions* and the *Survey Data Collection Link Extension*

Product install path is where the install will be placed on the users system. Leave this unchanged.

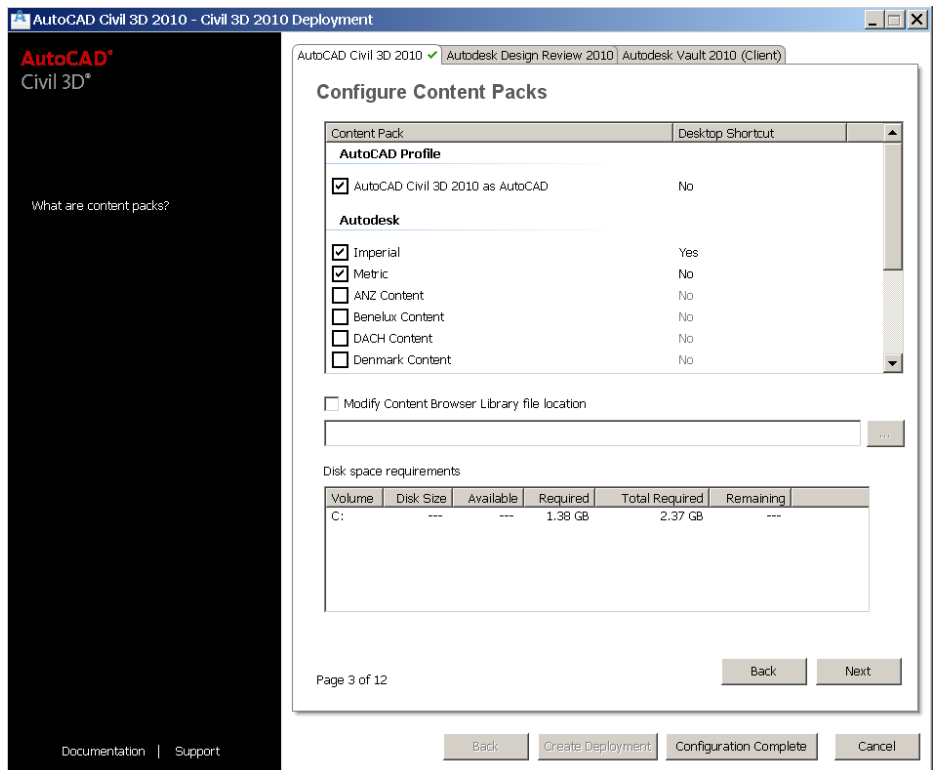
Choose **Next**



Configure Content Packs Content packs are collections of locale- and discipline-specific files to install with AutoCAD Civil 3D. The available content packs allow you to work on US or international projects and always reference the appropriate standards for each geographical region.

Files contained in content packs can include the following data:

- Layer standard files
- Standard blocks of various types
- Border sheets for plotting
- Civil drawing templates
- Symbol drawings
- Superelevation standards
- Reporting style sheets
- Pipe catalogs
- Corridor catalogs
- Tool Palettes for subassemblies, material styles, and landscape symbols
- API Samples
- Reports

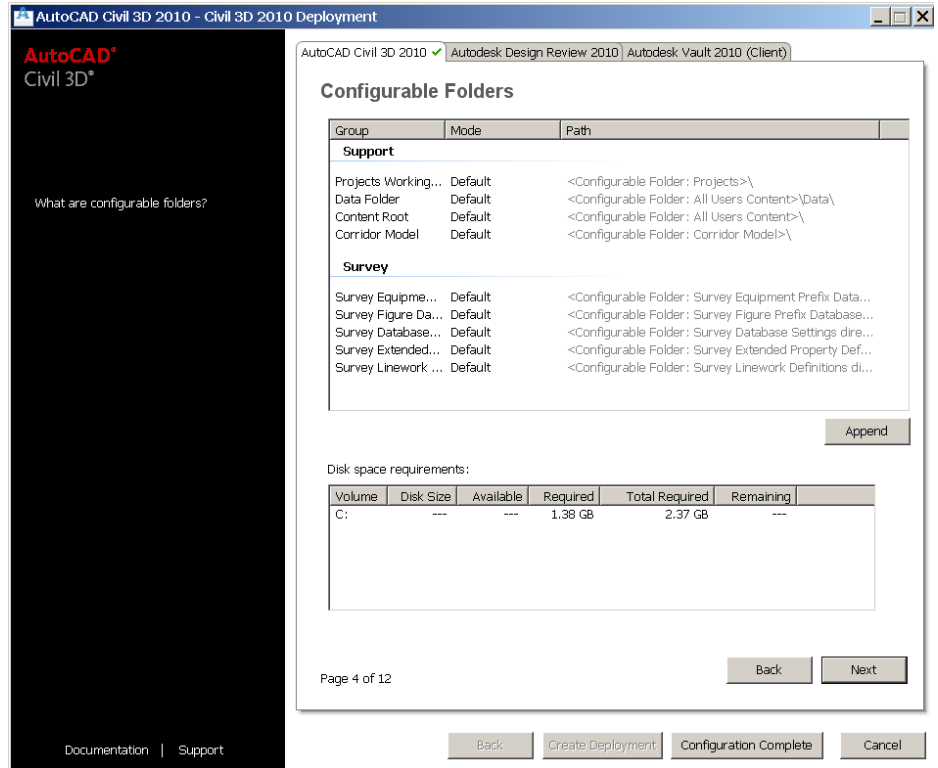


By default, there is only one shortcut icon created on the desktop. You can specify whether to display additional desktop shortcuts for each of the installed profiles. You can also specify a new location for the Content Browser

Library file. Each content pack is installed in a separate program group, which allows you to create a content pack shortcut that was not created using the installation wizard. You must install at least one content pack.

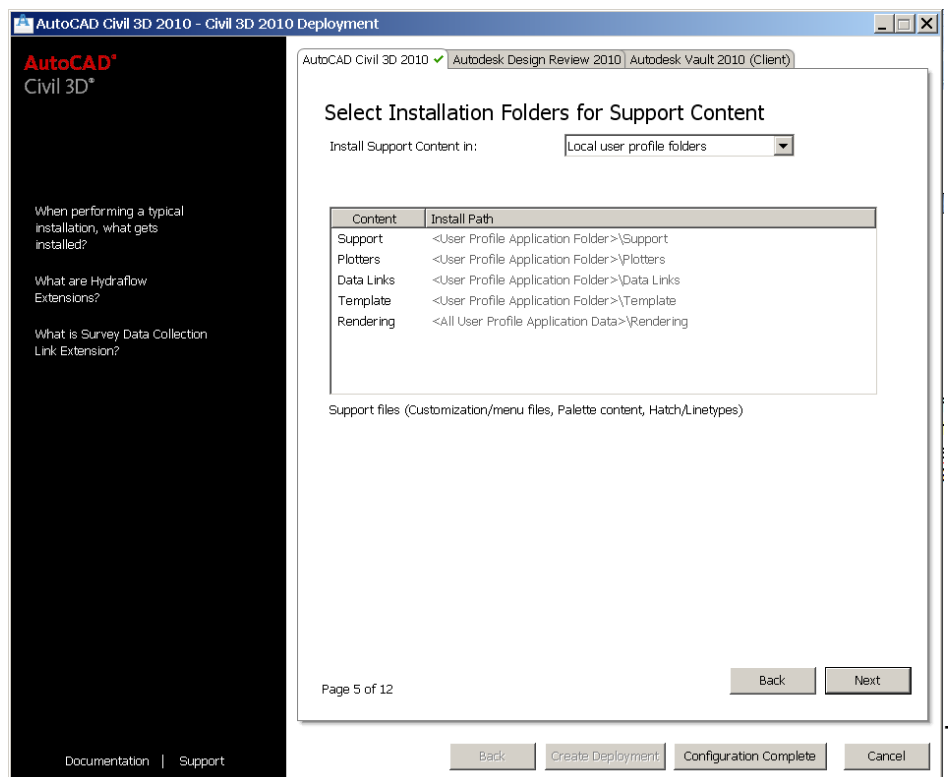
Choose **Next**

Configurable Folders Specify custom locations for folders with specific content. Content folders are divided into two groups: Support and Survey.



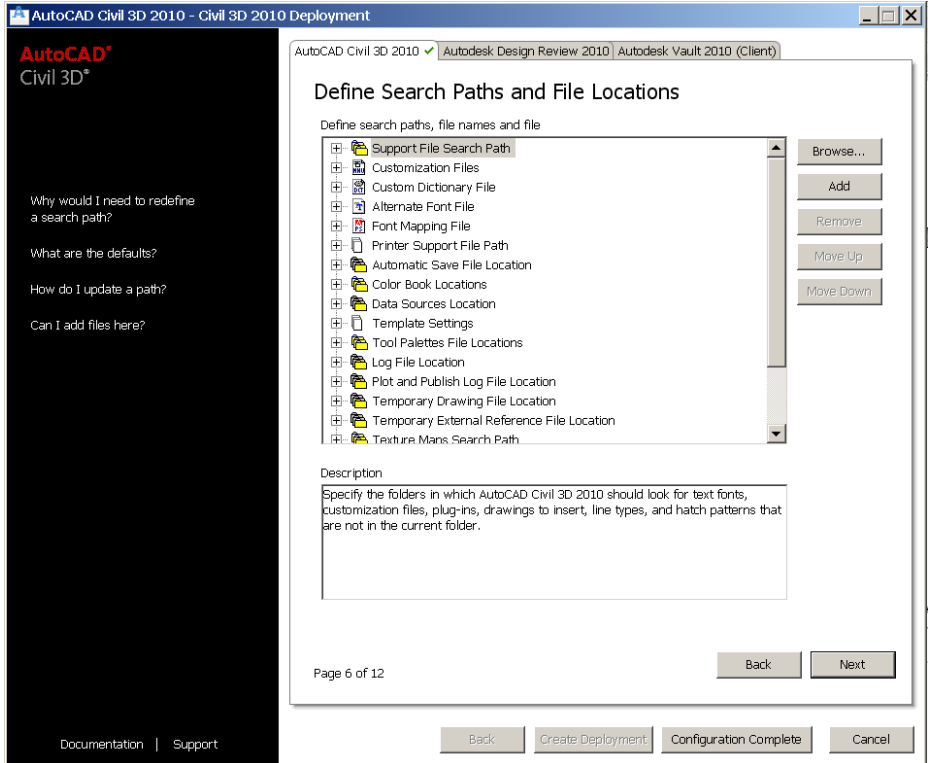
Choose **Next**

Select Installation Folders for Support Content: Do not change anything on this screen. For more info on modifying support paths you can reference the Autocad Customization Guide: (D:\en\US\SetupRes\Docs\acd_acg.pdf on the media)



Choose **Next**

Define Search Path and File Locations: We would also advise you to leave the support paths at their default settings.



Choose **Next**

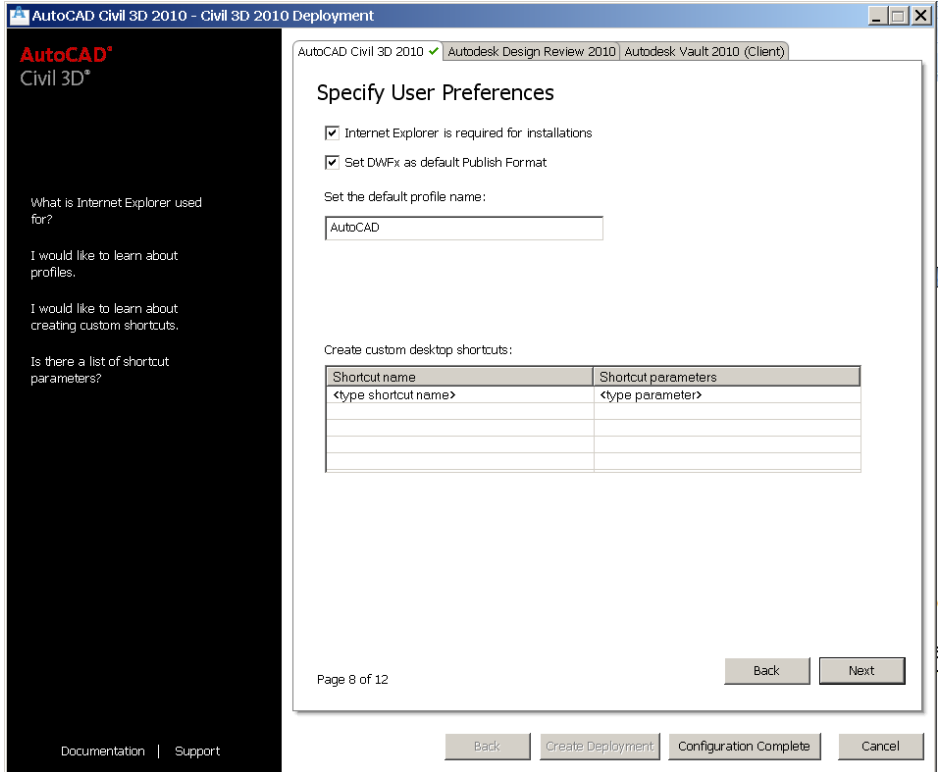
Install Additional Files: To add any custom directories, or files to the installation that you might want all of your users to have, they can be appended here. For more information please reference the AutoCAD Customization Guide for more information.



Choose **Next**

Specify User Preferences:

Leave everything checked and don't change the <<Unnamed Profile>>. If you do not want a desktop Icon you can uncheck this option. Creating a custom desktop shortcut can be done per user and is less likely to cause issues with the deployment.



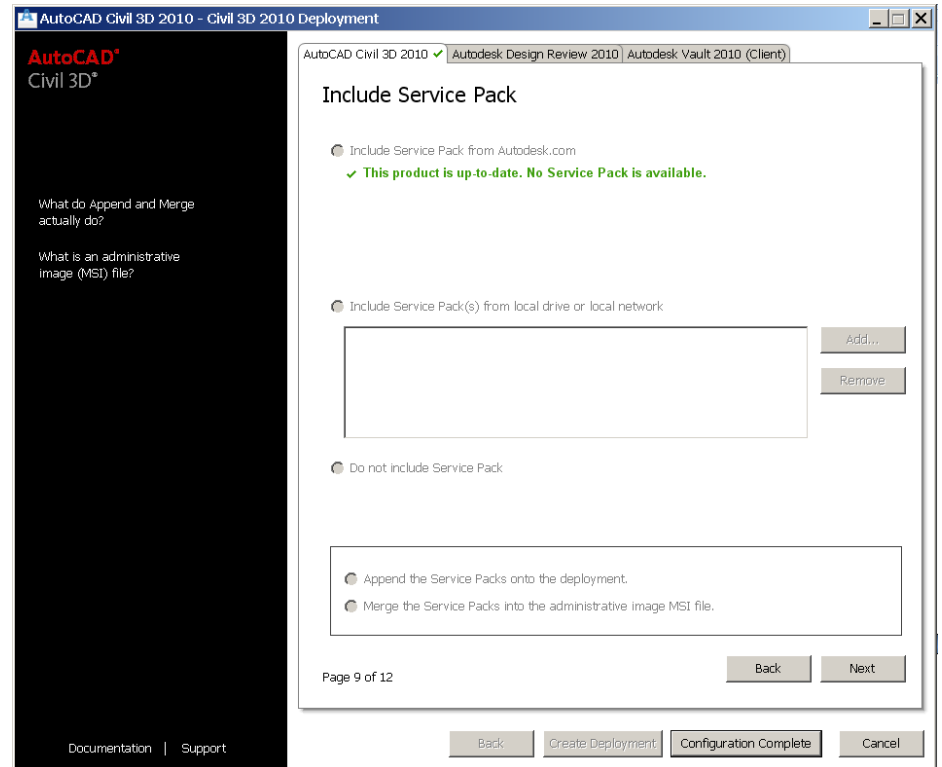
Choose **Next**

Include Service Pack:

We would highly recommend that you do NOT apply the service pack to a deployment. This will increase your chance of corrupting the image, and create further headaches if done incorrectly. Service Packs can be applied to each workstation individually after the installation is complete. For information on appending a SP to a deployment, please see the READ ME file associated with the Service Pack executable.

NOTE: Don't append SPs while creating deployments

- *Individually apply SPs to each user as they become available (to avoid re-deploying)*
- *If appending SP's is absolutely necessary, create a separate deployment image whenever a new SP is available (in order to have a backup). You can add SP's to a deployment image after it has been created by it is not recommended.*

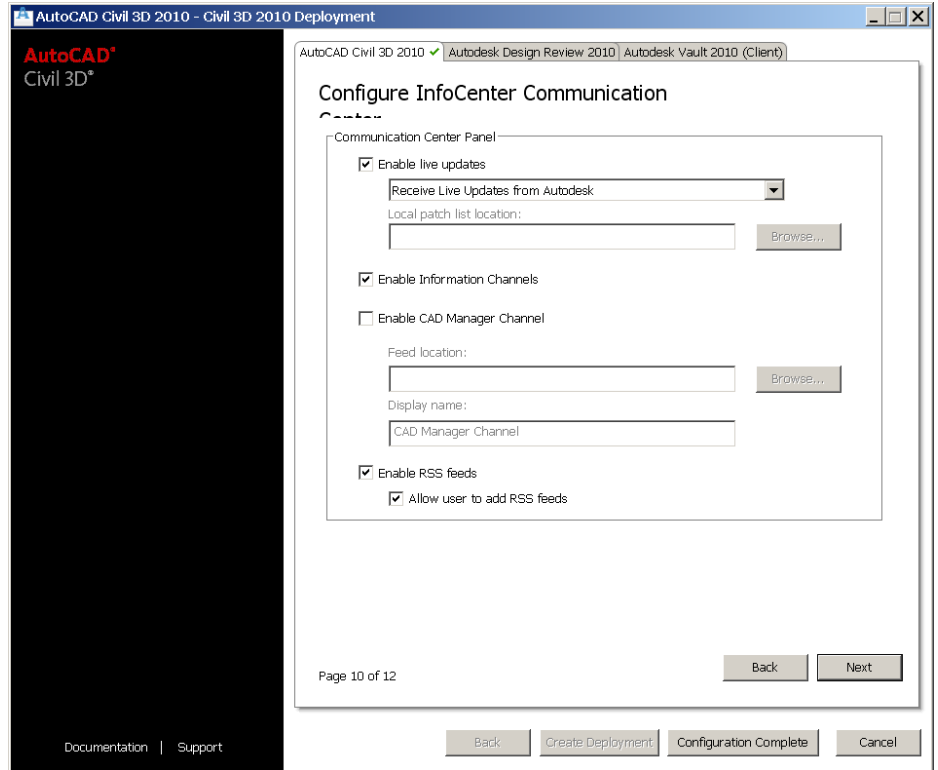


Choose **Next**

Configure InfoCenter Communication Center:

Adjustments to this page are up to you. If you do not want your users to modify their installs or get information directly from Autodesk, then you can uncheck the **Enable Live Updates**, **Enable Information Channels**, and **Enable RSS Feeds**.

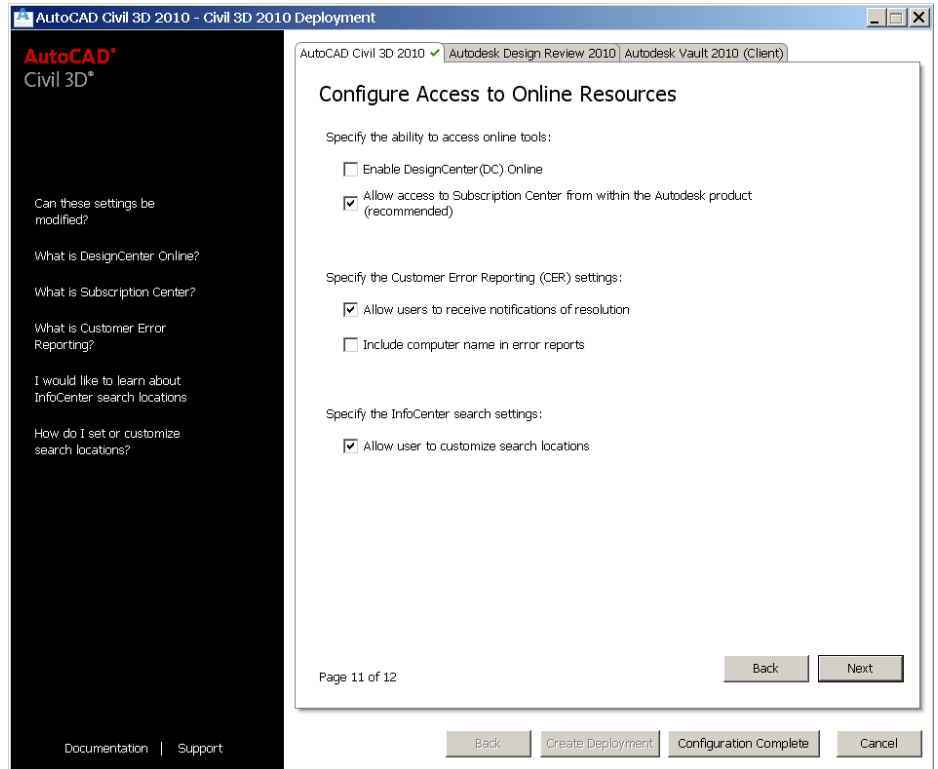
The **CAD Manager Channel** is a highly technical application which needs to be set up before the deployment is made. It is more difficult to use than it sounds. Ideate does not recommend using this tool.



Choose **Next**

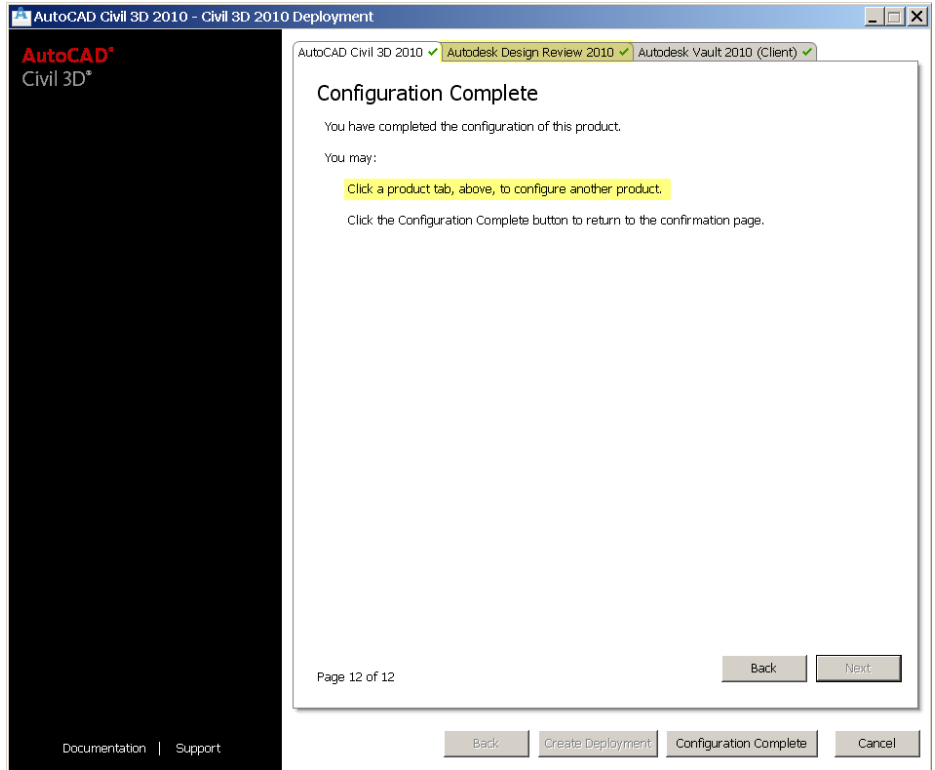
Configure Access to Online Resources:

Like the previous page, unless you have a compelling reason to limit your user's online functionality we would suggest that you check all available option on this page.



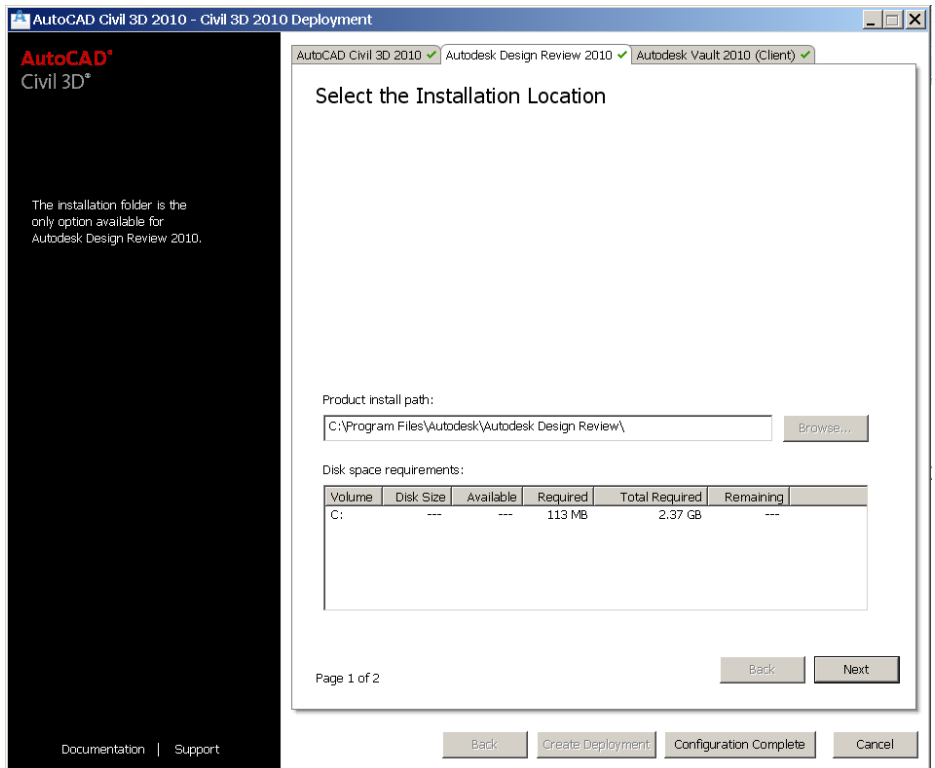
Choose **Next**

Choose the **Autodesk Design Review 2010** tab.



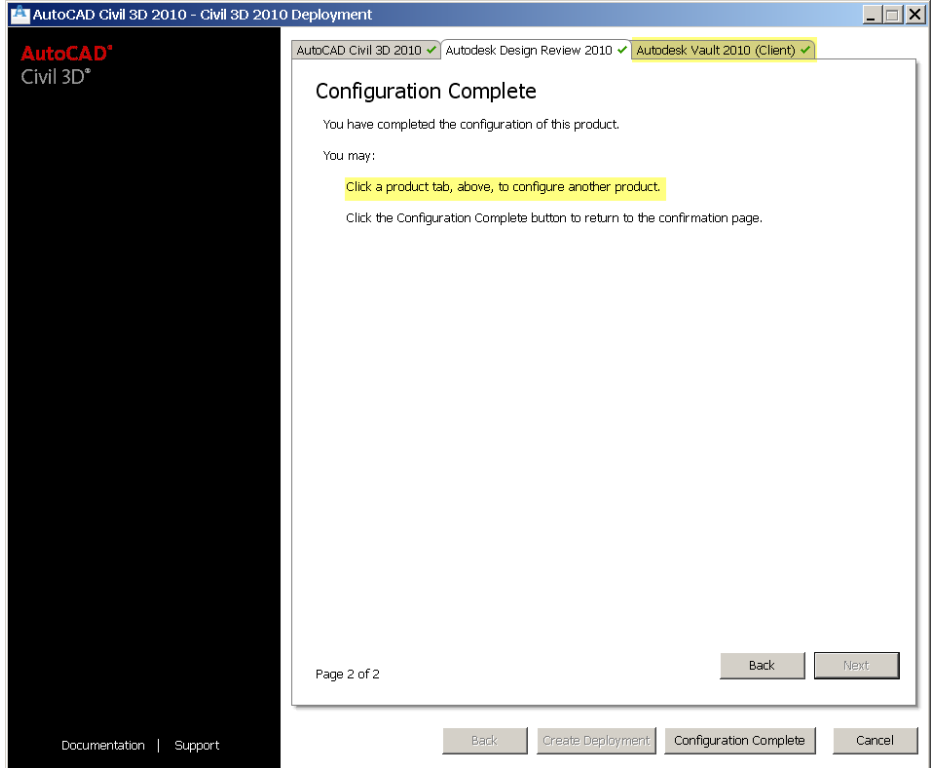
Choose **Next**

Select the **Installation Location** product install path for Autodesk Design Review 2010

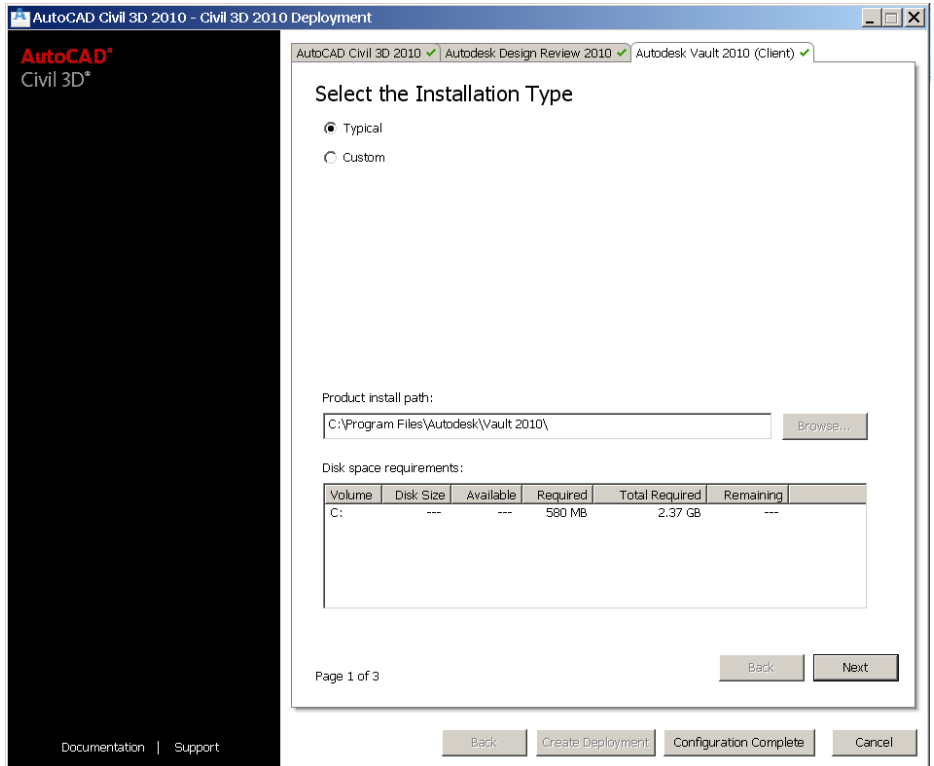


Choose **Next**

Choose the **Autodesk Vault 2010 (Client)** tab.



Select the **Installation Location** product install path for Autodesk Vault 2010 (Client)

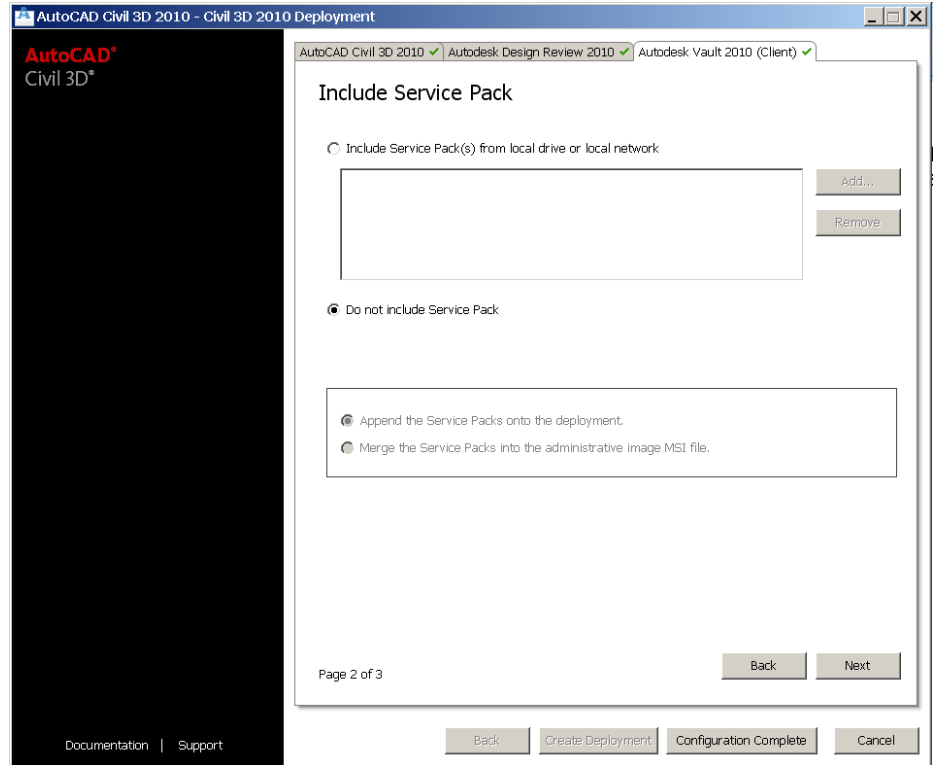


Choose **Next**

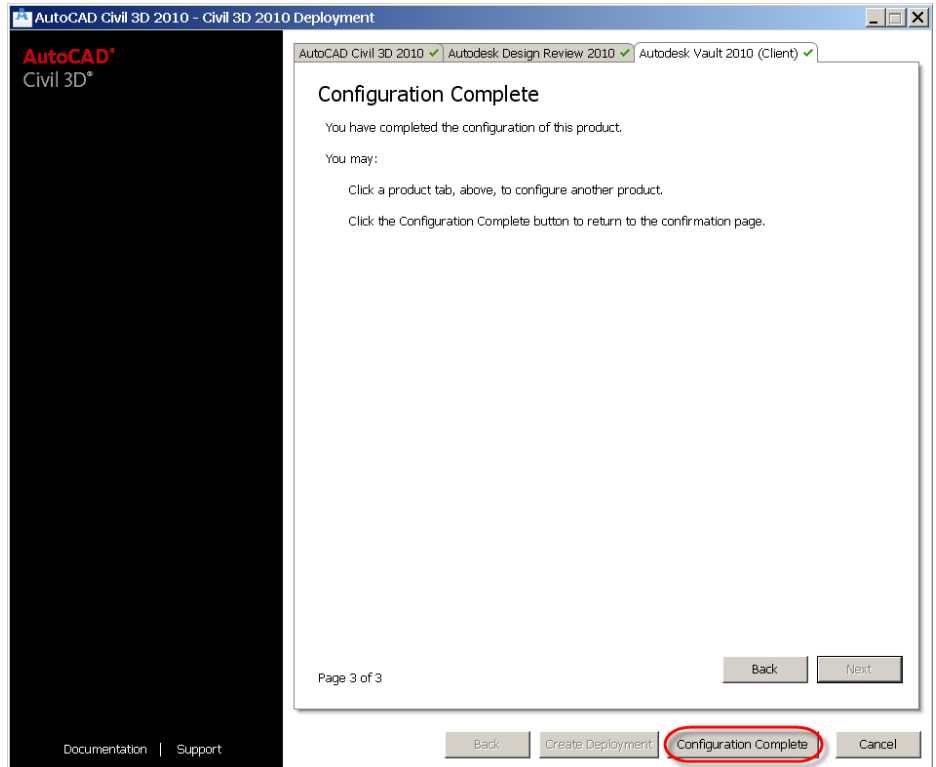
Include Service Pack:

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Choose **Next**



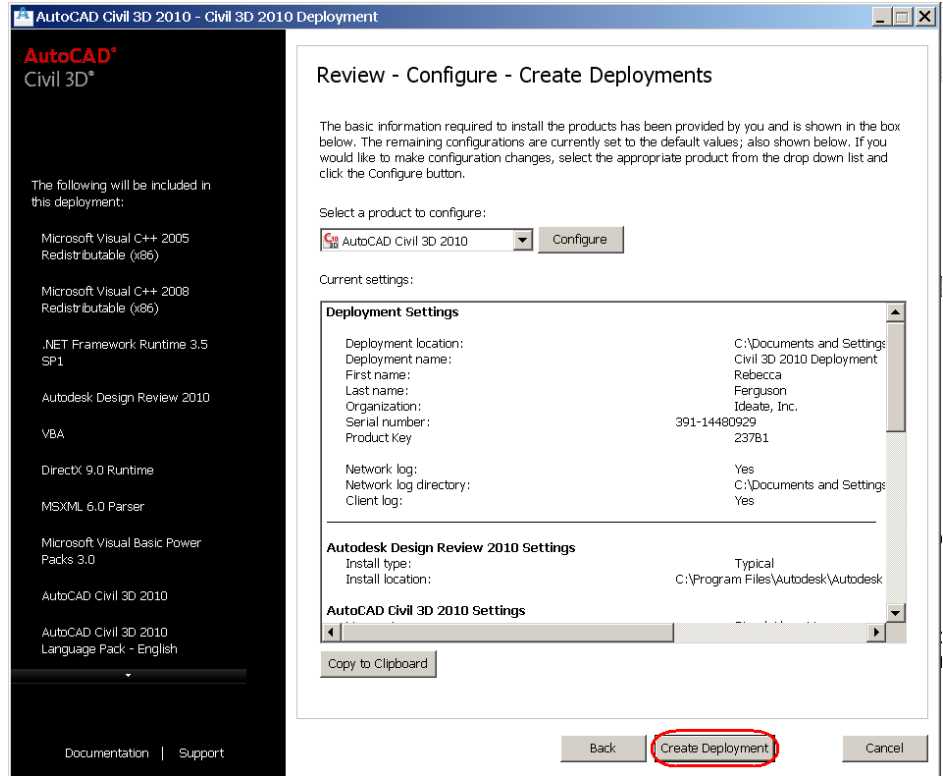
Choose **Configuration Complete**



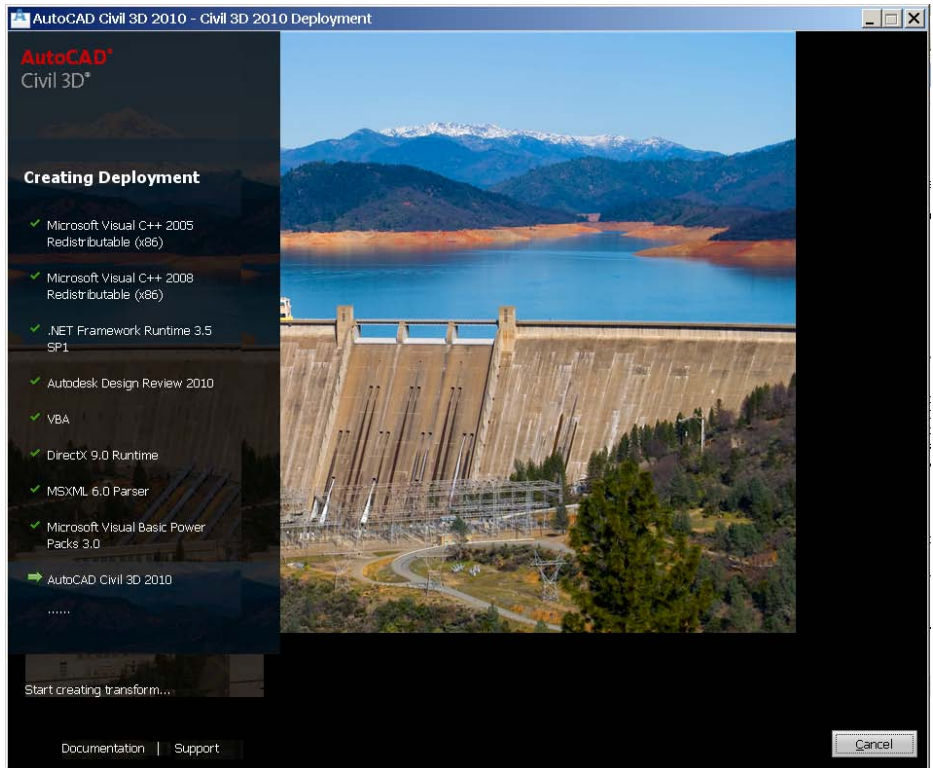
Review:

You can review the settings of the deployment here. For reference you may want to print or save this report.

Once you are satisfied that your settings are correct select **Create Deployment**.

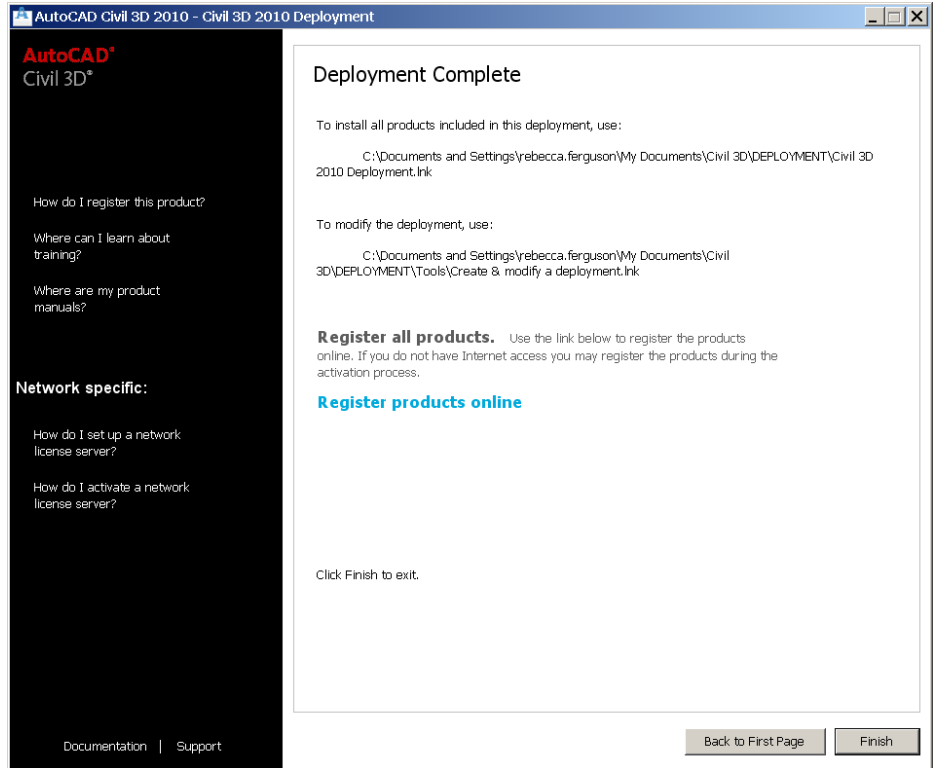


AutoCAD Civil 3D will now run through the creating process which could take anywhere from 5 minutes to an hour depending upon your Network Connection Speed.



Deployment Complete:

If the deployment is created with no errors you should see a similar message. Users can now begin installing from this image to their workstations.



Select **Finish**

If this deployment is set up as a network version, you will need to install and configure the Network License Manager. This can be found on the Autocad 2010 Media under Tools and Utilities in the setup screen.

If you have any questions about this process please email Ideate Support at support@ideateinc.com.

Ideate does provide in house consulting services for custom product setup and installation. Additionally we offer training and support for a variety of Autodesk Software. For more information please contact your Account Representative or our Training Department.

To modify this deployment you can go to the **Tools** folder and select the **Create & Modify the Deployment** icon and it will re-launch the setup screen and allow you to make changes.



When the user navigates to the Server Location which you have specified they will simply launch the **AutoCAD 2010** icon and the installation will begin.