Naviate Nexus™
Installation and Configuration Guide

Includes:

CMS
Ally
Project Activity Logger

Contents

Naviate Nexus Overview

IMPORTANT: The installer requires administrative privileges to install it on the computer, but then any user who logs into the computer can use the software.

IMPORTANT: If you downloaded the zip file with the installer in it, **before using the zip** file, right-click/Properties on the downloaded zip file, check the **Unblock** checkbox and click OK. This can prevent issues with the installation being successful.

IMPORTANT: If you have any older CTC Software products installed that were "single user" versions, they must be uninstalled before this installer can be run.

The Naviate Nexus software contains an extremely powerful Content Management System (CMS) to help you effectively and efficiently manage content files, with a focus on design software content files such as for Revit or Civil 3D.

It also contains a project standards analyzer tool called Ally, as well as the Project Activity Logger which can be used to run reports on how projects are being used, and catch problematic changes to the projects early.

General Requirements Summary

The installer **DOES** need to be run by someone who is logged in with administrative privileges.

Revit and Civil 3D Workstations

In accordance with Autodesk standards for addins, during the installation the user does not get to choose where the software will be installed on their local hard drives.

The addins will get installed to folders like the following examples:

For Revit –

For Revit 2026 and older: **%ProgramData%\Autodesk\Revit\Addins**
For Revit 2027 and later: **%ProgramFiles%\Autodesk\Revit\Addins**

For Civil 3D –

For Civil 3D 2026 and older: **%ProgramData%\Autodesk\ApplicationPlugins\CTC-CMS-202x.bundle\Contents**
For Civil 3D 2027 and later: **%ProgramFiles%\Autodesk\ApplicationPlugins\CTC-CMS-202x.bundle\Contents**

Where %ProgramData% is the ProgramData folder (typically C:\ProgramData) and %ProgramFiles% is the Program Files folder (typically C:\Program Files).

This folder will also contain key files for CMS:

%ProgramData%\CTC Software\CTC Nexus Suite\CMS

The following folders will also contain files needed:

%AppData%\CTC Software
C:\Users\Public\CTC Software

Upgrading the Software

When upgrading a workstation to a new release, typically manually uninstalling an old version is NOT required. Running the latest setup is all that should normally be needed. It will replace the previous version with the new version.

Workstation Installation

To perform an installation, first download the setup program zip file from https://www.ctcsoftware.com/

IMPORTANT: Before using the zip file, right-click/Properties on the downloaded zip file, check the **Unblock** checkbox and click OK. This can prevent issues with the installation being successful.

Standard Interactive Installation

A standard installation simply involves running the interactive setup program, accepting all of the default values, and then starting up Revit. **This setup can only be installed if the user has Administrative privileges on the computer**. It will install the software for all users that login to the computer.

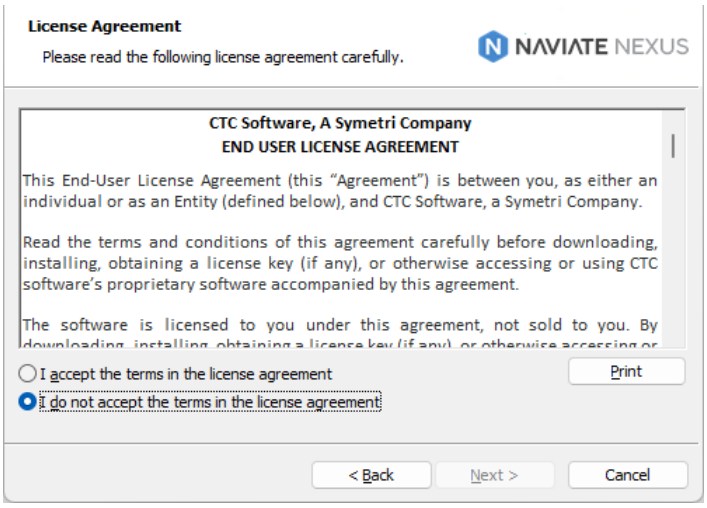
Double-click the installation **NaviateNexusSetup.msi** file to begin the installation process. First, you should see a screen that looks like this:

Click the Next button.

NOTE: At this point if Revit or Civil 3D is running, you will be required to shut them down before you can proceed.

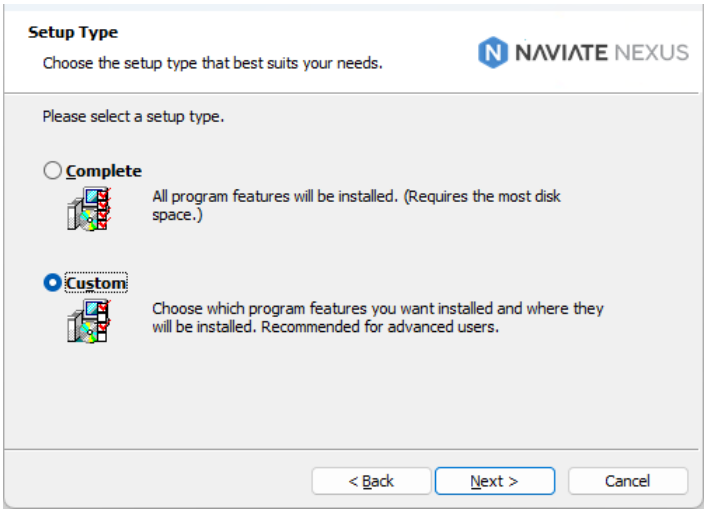
NOTE: At this point if there is conflicting software installed, you will be told it needs to be uninstalled. Most of the time the installer can uninstall them for you if you happen to have administrative privileges on the computer. If not, an administrator must uninstall them before you can proceed.

Once all prerequisites have been met, the next screen will appear:

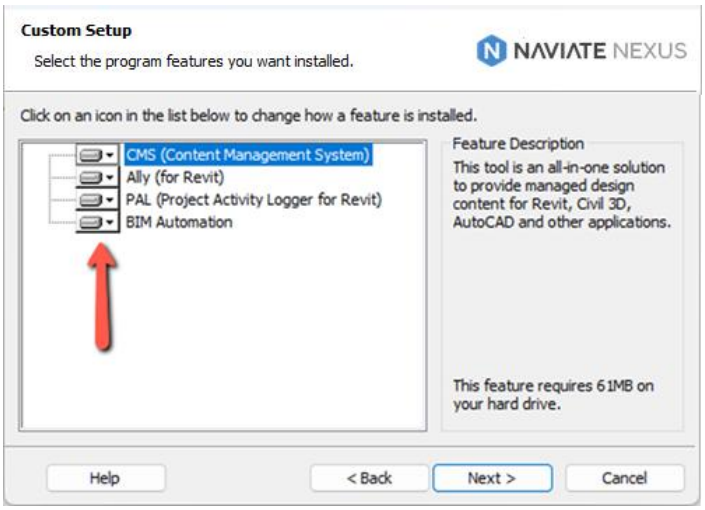


This is the license agreement screen. In order to be able to move forward with the installation, you must read the software license agreement and then click the "I accept the terms in the license agreement" option. You will then be allowed to click the "Next" button, which needs to be done to proceed with the installation.

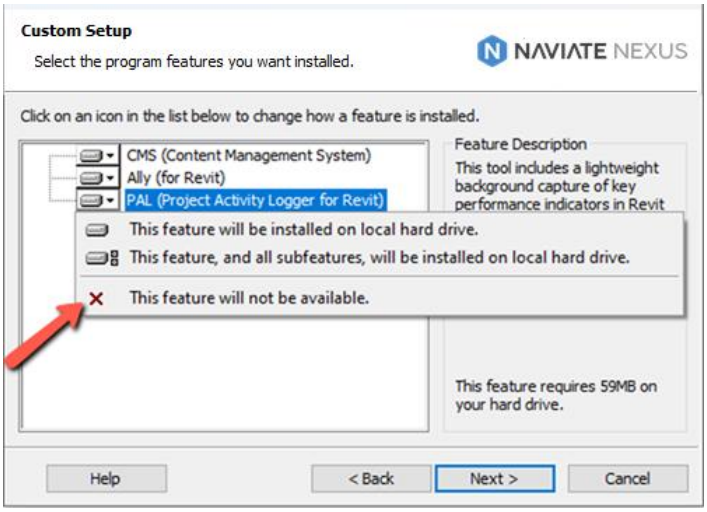
The next screen lets you control which components are installed. If you choose the "Complete" option, all the components in this setup will be installed for you. If you choose the "Custom" option, you will have the ability to turn on or off each component, as desired:



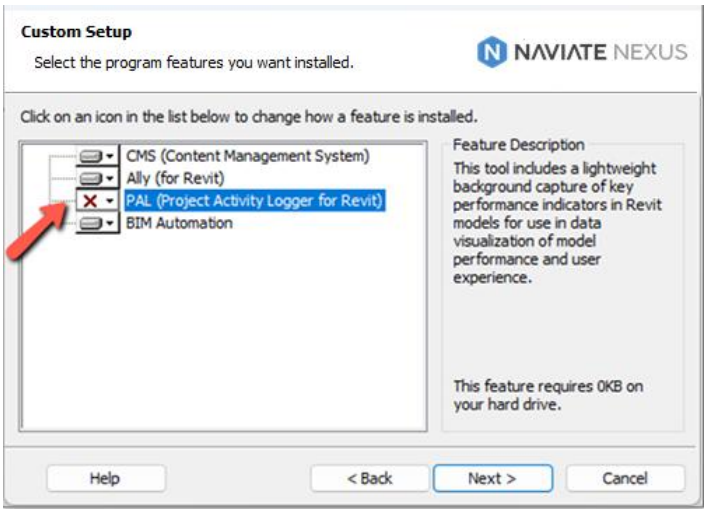
When the Custom option is selected, clicking the Next button, by default, as is the case with the normal "Complete" option, we can see that all products will be installed:



To turn off a product, click the dropdown button next to it and select the "This feature will not be available" choice. For example, if we want to turn off (select to not install) the PAL component, we would click the down arrow button next to it (seen above), then:

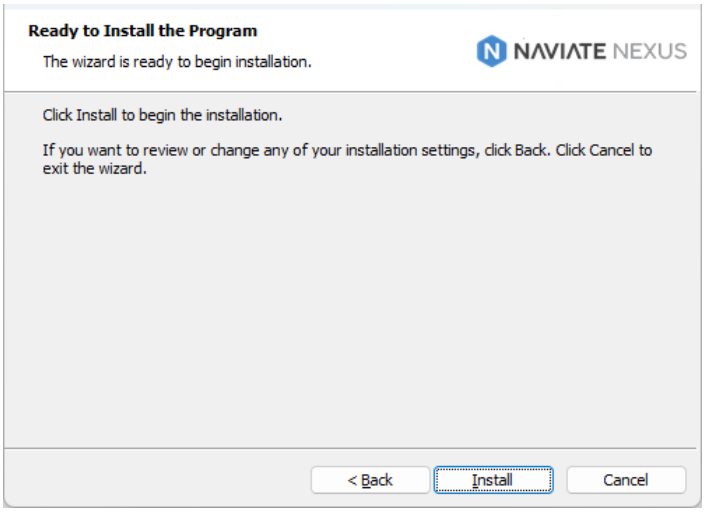


Once "This feature will not be available" choice is selected, PAL will be marked as not to be installed.



In this example, moving forward all the components except PAL will be installed.

Next is the standard confirmation screen. It provides one last chance to cancel this process without anything being installed.



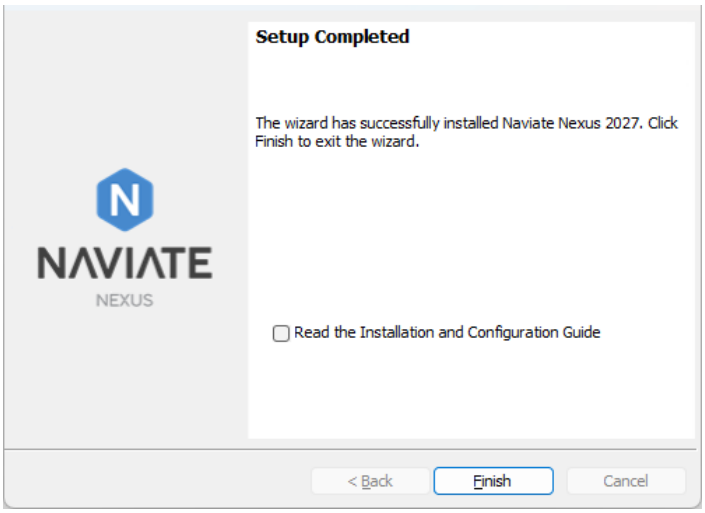
Click the “Next” button to proceed.

A file called CTCInstallLog.txt can be found in the installation folder once the setup completes.

%ProgramData%\CTC Software\CTC Nexus Suite

Checking that log can be useful when verifying something like a silent installation (discussed below) worked correctly.

When the installation is complete, the final screen should look like this:



Click the “Finish” button to complete the installation process.

If the checkbox option is selected, this document will be displayed.

Custom Installation (Using Command-Line Parameters)

IMPORTANT: For any installer action to be successful, you must make sure ALL running instances of Revit, Civil 3D and AutoCAD are shut down. Any running instance of these may prevent the action from working correctly.

Silent Installation

The msi installer for the workstations supports performing silent installations. A silent installation does not show any dialogs on the screen during the install.

IMPORTANT: While a non-silent (interactive) installation of Naviate Nexus will cleanly remove older conflicting products which had separate installers, this is not the case for a silent installation. If you plan to do a silent installation of Naviate Nexus, CTC Software **strongly** recommends uninstalling any old conflicting products first. It is much cleaner to uninstall the old products first before installing Naviate Nexus silently. The old products can be uninstalled silently as well. Uninstalling old products is not necessary if simply upgrading to a newer version of the same product.

IMPORTANT: A silent installation must be done from an elevated ("As Administrator") process.

IMPORTANT: By choosing to do a silent installation, you are automatically agreeing to the software license agreement.

A silent installation is accomplished by using the command-line parameter: /q

For example, the command to install the software silently would be:

msiexec /i NaviateNexusSetup.msi /q

The silent installation may take a minute or so to complete.

Turning Off Specific Features During Silent Installs

By default, as is consistent with the interactive installer, all features will be installed when doing a silent installation. However, individual features can be turned off during silent installs as well, using additional command-line parameters.

Feature to Not Install	Parameter
CMS (Content Management System)	deselect_cms=1
Ally	deselect_ally=1
PAL (Project Activity Logger)	deselect_pal=1
BIM Automation	deselect_ba=1

So for example, if during the silent installation we want to not install Ally and also not install Project Activity Logger, you would give a command like the following:

msiexec /i NaviateNexusSetup.msi /q deselect_ally=1 deselect_pal=1

IMPORTANT: If you want to silently add or remove a feature after the software has already been installed, **you must silently uninstall the software and silently reinstall it with different command-line arguments.** Running a repair or re-

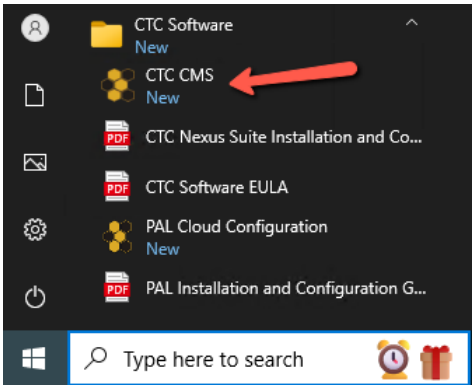
running the installer with a command-line like that above, but with different parameters, will NOT change which features are installed.

Updating the Software

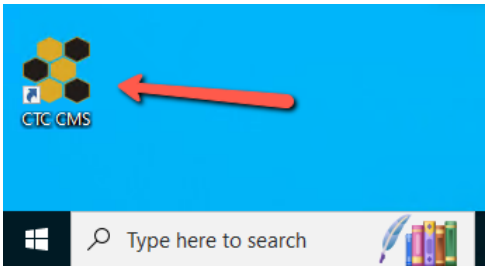
When updating a workstation to a new release of the software, typically uninstalling an old version is NOT required. Running the latest setup is all that should be needed.

Launching CMS

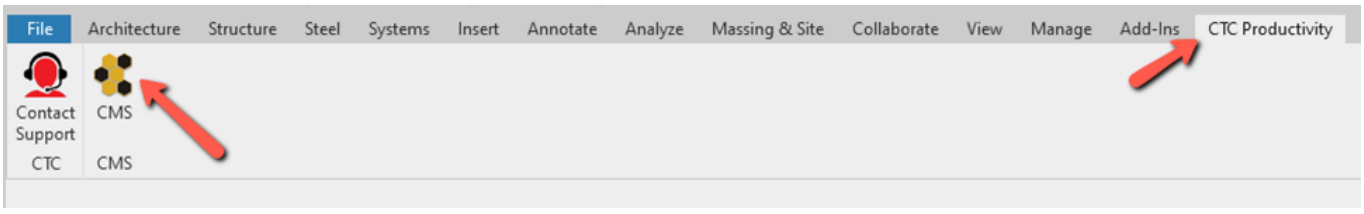
CMS can be launched by the user from either the Start menu (under the *CTC Software* folder):



Or from the desktop directly:



CMS can also be launched from within Revit, from the ribbon:



Detecting the Version Installed

A text file called "SuiteVersion.txt" with only the software version (e.g. "25.0") in it can be found in the installation folder. For example:

%ProgramData%\CTC Software\CTC Nexus Suite\CMS\SuiteVersion.txt

The contents of this file may be useful for easily checking to see which version is installed via a script.

Digitally Signed Code

All add-ins are digitally signed. The MSI setup programs will automatically install the digital certificate file into the Windows Trusted Publishers certificates section for the computer.

If the add-ins are deployed using another method, such as if embedded in an Autodesk deployment, the certificate will NOT automatically get installed into Windows, and the user will be prompted to allow the add-in to load the first time they launch the Autodesk product.

The digital certificate file, CTCCodeSigningCertificate.cer, can be found in the main installation folder:

%ProgramData%\CTC Software\CTC Nexus Suite

This file can be added to the Trusted Publisher's store in any normal manner, for example via Group Policy.

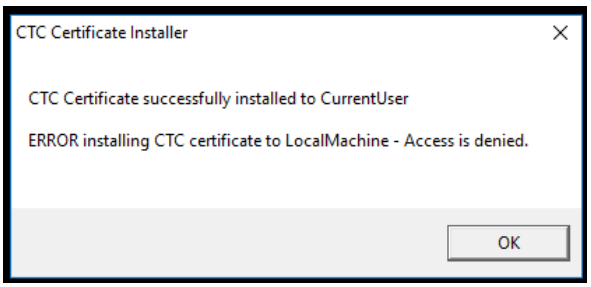
Certificate Installer Utility

A small utility is also provided to add the certificate to Windows, which can be used for non-MSI deployments. This program is called **CTCCertificateInstaller.exe** and is located in the same folder as the certificate file, as seen above.

IMPORTANT: For this program to work, the CTCCodeSigningCertificate.cer certificate file must be in the same folder as this program.

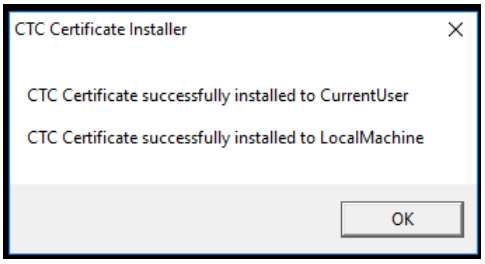
In order for this program to install the certificate such that it will work for all users who login to the computer, it must be run with the highest privileges (e.g. run "As Administrator"). If it is not run "As Administrator" it will only install the certificate for the currently logged in user.

When run as a regular user, a window appears when complete showing this:



In this case, when the current user starts up the Autodesk product(s), no messages from Autodesk will interrupt the startup process. However, if another user logs into this machine, they will see the dialog asking what to do with the signed add-in that was found, as seen above.

When the program is run “As Administrator”, a window appears when complete showing this:



In this case, regardless of who logs into the computer, the Autodesk product for the add-ins will open smoothly, without asking the user what to do.

The CTCCertificateInstaller.exe program supports the following command-line parameters:

/Q – quiet. In quiet mode, no dialog window is ever displayed.

/L – Log file location. If a log file is specified, the results seen in the example dialogs above will be written to a new text file specified, overwriting any previous file that may have been there previously.

Example:

CTCCertificateInstaller.exe /Q /L “C:\My Folder\My Cert Installer Log File.txt”

(The /Q and /L may be lowercase)

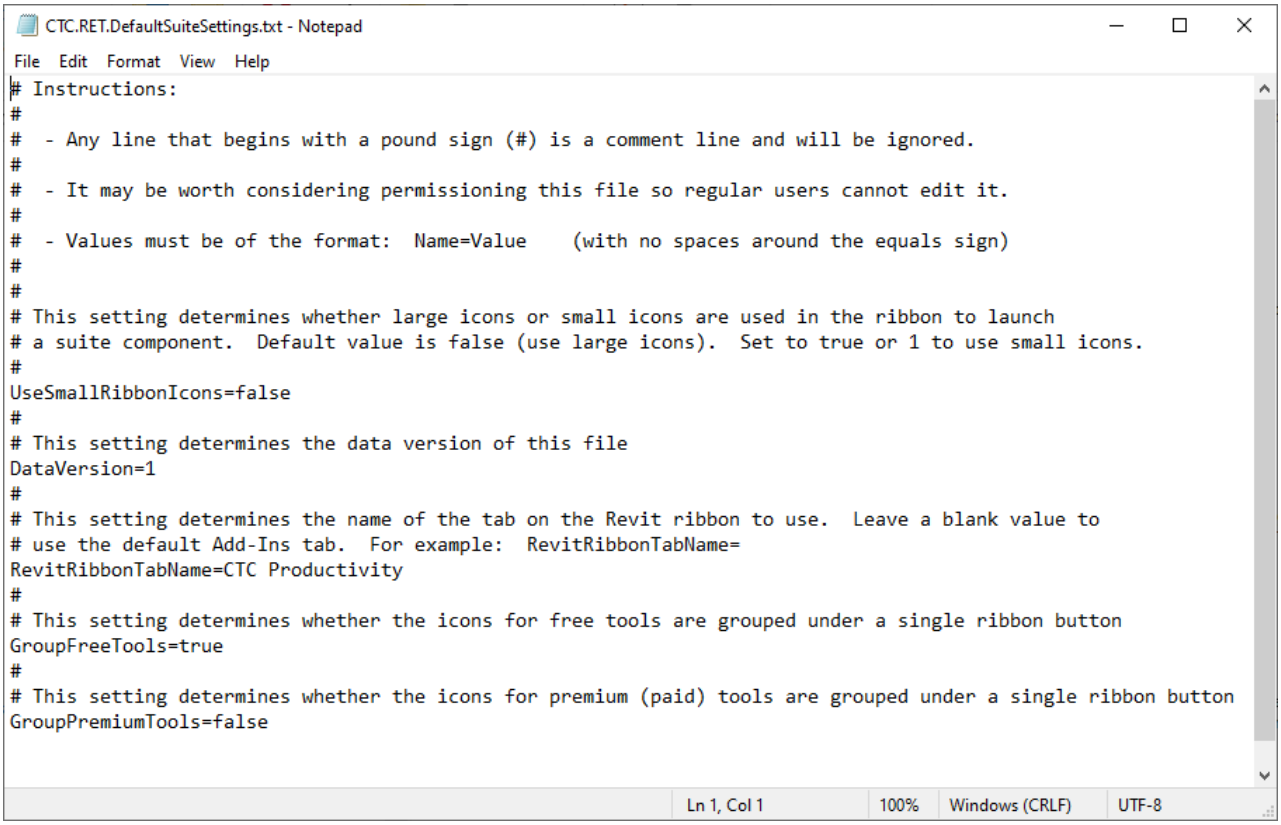
Managing the Revit Ribbon Tab Used

The settings for ribbon button icon appearance, including on which Revit ribbon tab they appear, are stored in the text file ending in *Icon Settings.txt* in this folder:

%ProgramData%\CTC Software\CTC Nexus Suite\CMS Common Files

This file will not appear until Revit is started the first time after the software is installed. These settings will apply regardless of which version of Revit is launched, and **will not** be overwritten if an updated version of the software is installed.

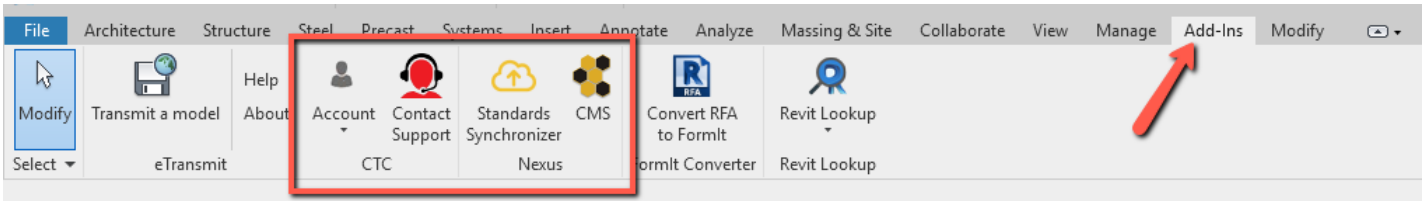
The default file looks like this:



For example, this setting:

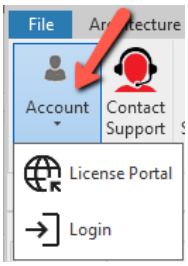
`RevitRibbonTabName=`

puts the buttons on the default Add-Ins tab, and appears this way in Revit:



Managing the Account Button Visibility

The *Account* button can be controlled:



The first time Revit is run, a configuration file is created which controls the visibility of this button, and of its sub buttons:

C:\Users\Public\CTC Software\Suite Settings\Account Settings.xml

This file affects all Revit users on the workstation. It looks like this:

```
<?xml version="1.0" encoding="utf-8"?>
<CTCAccountSettings xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Version>1</Version>
  <CTCAccountButtonVisible>true</CTCAccountButtonVisible>
  <CTCVisitPortalButtonVisible>true</CTCVisitPortalButtonVisible>
  <CTCLoginLogoutButtonVisible>true</CTCLoginLogoutButtonVisible>
</CTCAccountSettings>
```

Changing these values from “true” to “false” will hide them on the ribbon.

If this file is deployed to Revit workstations before the first time Revit is run, the deployed file will be used. Errors in the file will result in the button being displayed, which is the default behavior.

Managing the Contact Support Button Visibility

The *Contact Support* button can be found on the Revit ribbon:

The first time Revit is run, a configuration file is created which controls the visibility of this button:

C:\Users\Public\CTC Software\Suite Settings\Contact Support Settings.xml

Which looks like this:

```
<?xml version="1.0" encoding="utf-8"?>
<CTCSupportSettings xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Version>1</Version>
  <CTCSupportButtonVisible>true</CTCSupportButtonVisible>
  <CTCSupportURL>https://ctcsoftware.com/support</CTCSupportURL>
</CTCSupportSettings>
```

As some organizations may want to control how support for Revit users is handled (e.g. internally) this tool can be turned off.

Changing the highlighted value to: **false**
will prevent this button from being visible in either the ribbon or from within the tools.

If this file is deployed to Revit workstations before the first time Revit is run, the deployed file will be used. Errors in the file will result in the button being displayed, which is the default behavior.

Workstation Uninstallation

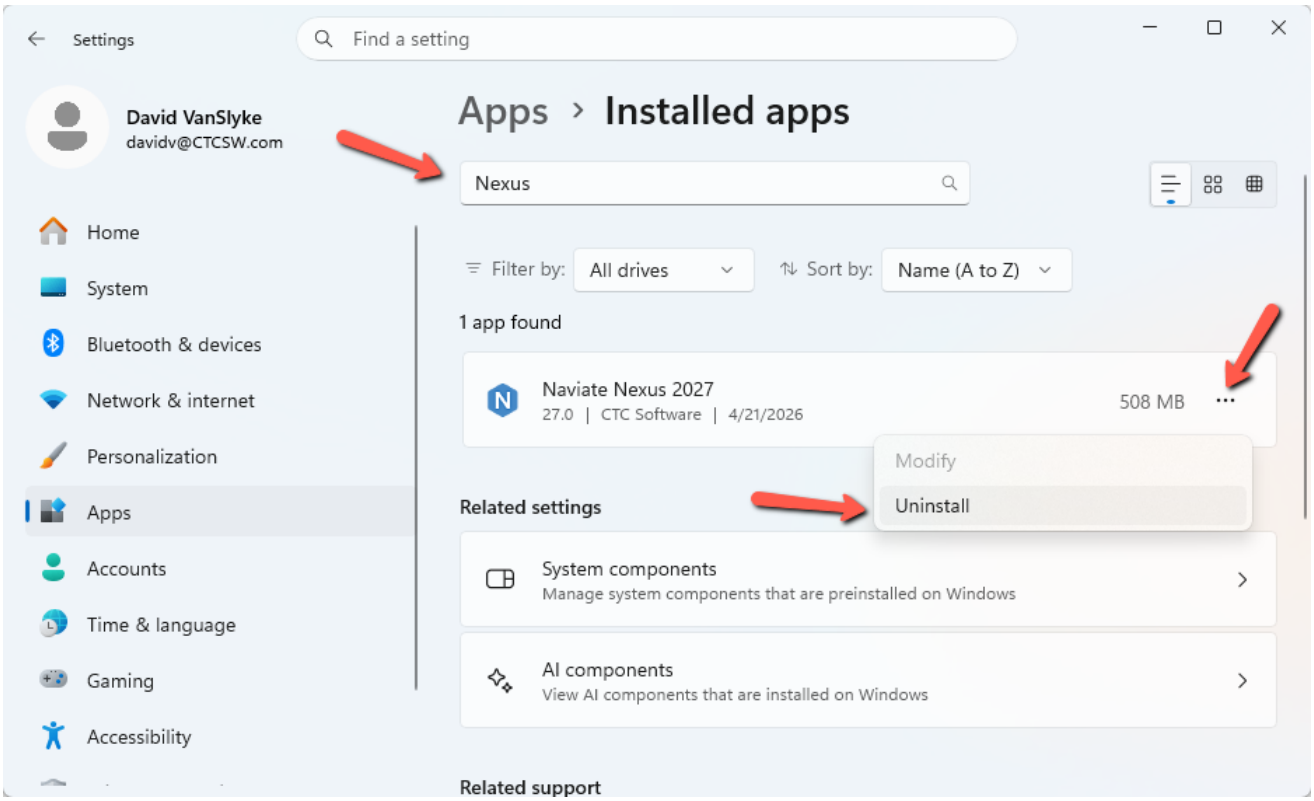
Using Apps

This is the preferred method for removing the suites from the workstations.

Under Settings select Apps / Installed Apps

Search for Nexus

Then select the ellipses (…) button to the right of the Naviate Nexus result, and select the Uninstall choice to begin the uninstallation process.



On the confirmation dialog that will appear, click the “Uninstall” button to begin the uninstallation process.

Once the uninstaller completes, the program will be removed from the list of programs seen above.

Silent Uninstallation Using a Command Line

You can give a command like the following to uninstall the software from a workstation:

msiexec /x NaviateNexusSetup.msi /q

This could be executed from a script or possibly pushed out via a group policy.

IMPORTANT: The **original** msi file used to install the software must be in the current working directory when this command is executed, or the path to it must be explicitly specified in the command line.

Note that the silent uninstall may take a full minute or two to finish.