



# INSTALLATION GUIDE FOR CNC MOTION CLASSROOM INSTALLATION

Technology used in



Updated: 8/3/2021

The process for receiving a Classroom license for CNC Motion and Robocell has changed. Schools will need to request a license from the Intelitek website listed in the instructions below. To have the process move quickly, please know that email address that your CIM teacher uses to log in to myPLTW. Teacher or IT can fill out the form, and both can receive the follow up email with the license. Please see other notes below about the guide and installation process.

- This is a standalone license and not a network license
- These instructions are for the 6000, 8000, Super, or Expert Mill only. They will not work for the Prolight 1000 Mill.
- If imaging, DO NOT activate the master image. There are special imaging instructions at the end of the document
- This process takes up to 3 business days to receive the licensing, and about 20 minutes install.
- You can download and install the software while waiting for your license to process.

## Before you start

- Disable your anti-virus program.
- Have Administrative Rights to license CNC Motion
- Uninstall previous versions of CNC Motion for licensing to work correctly



## License Request Procedure

1. Go to <https://intelitek.com/pltw-schools-information-page/> and select **Request Software License**

### PLTW SCHOOLS INFORMATION PAGE

#### Useful Links

Register your school and get a license for the 2021/2022 version of RoboCell or CNC Motion.

1. Submit your school information in the form
2. Intelitek customer support will issue a license to you within 3 business days. (Note: missing information will slow the process)

Request a Software License


Download Software

Use this link to find and download the 2021/2022 version of RoboCell and CNC Motion.

#### Upgrade your Prolight, eXpertMill, or SpectraLight to a new BenchMill 6100 CNC Machine

Intelitek older machines are no longer active or supported products and have been upgraded to the Benchmill 6100. Find out how you can upgrade your mill to the latest version by contacting us today (send email).

*Notice of End of Software Support: Intelitek will no longer provide support or issue licenses for CNCMotion for older CNC mills after July 1, 2022.*



Advantages of the BenchMill 6100:

- Fully enclosed, more powerful, classroom safe learning mill for machining
- Updated PC and OS compatibility with Ethernet communications
- Enhance electronics compliance

2. Fill out the form with the CIM Trained teacher's email that they use to log in to myPLTW, as well as correct school information.

### PLTW License Request

Note: To receive a license, the Teacher contact details must match PLTW records

Name (PLTW Teacher's Name) \*

First

Last

Email \*

School \*

School District \*

Number of students in program \*

Address \*

City

State/Region/Province



3. List the equipment that you have in your lab, and the software that you need. As an option, you can also list an IT contact name who will also receive the license.

What equipment do you use in your PLTW CIM/Engineering Program?  
*(Please select all equipment types you have in your lab) \**

<input type="checkbox"/> Scorbob ER 4U	<input type="checkbox"/> Scorbob Other
<input type="checkbox"/> BenchMill 6x00	<input type="checkbox"/> ProMill 8x00
<input type="checkbox"/> eXpertMill VMC 0600	<input type="checkbox"/> Super Prolight
<input type="checkbox"/> Prolight 1000	<input type="checkbox"/> Spectralight
<input type="checkbox"/> Other	

What Software do you need licenses for?  
*(Please select all the license you need for your lab) \**

☐ CNCMotion

☐ WPLM 1000 (CNCMotion for older machines)

☐ RoboCell

**If you would like the license to be sent to someone else - please include details below:**

IT Contact Name

<input type="text"/>	<input type="text"/>
First	Last

IT Contact Email


4. Submit your request at the bottom of the page. It will take up to 3 business days for intelitek to send the license to the contacts listed on the form. The license is not required to download, install, and image the software. Feel free to move to the installation procedure portion of the document.

## Installation Procedure

1. Go to <https://downloads.intelitek.com/PLTW/ICNC/>
2. Select **DOWNLOAD**

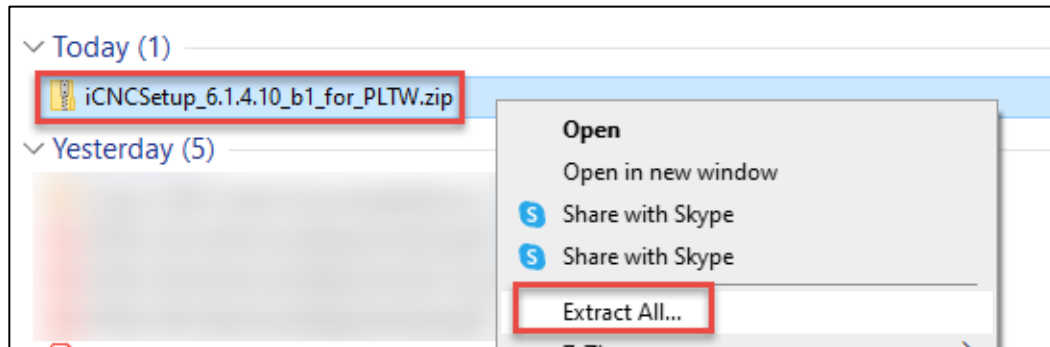
Software download is for CNCMotion Simulation software. This version is for PLTW only and is for the Benchmill 6x00, Promill 8000, Benchturn 7x00, Proturn 9000. Super Prolight and eXpertMill

This version requires Windows 10.  
The zip file for CNCMotion 2020 for PLTW includes templates for silent installation and supports virtual machines.

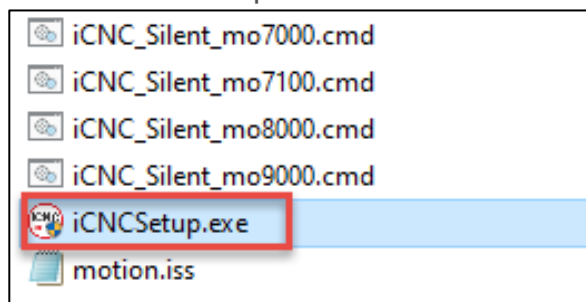
Filename	Download	Filetype	Filesize
iCNCSetup_6.1.4.10_b1_for_PLTW.zip	 <b>DOWNLOAD</b>	file - zip	235504471



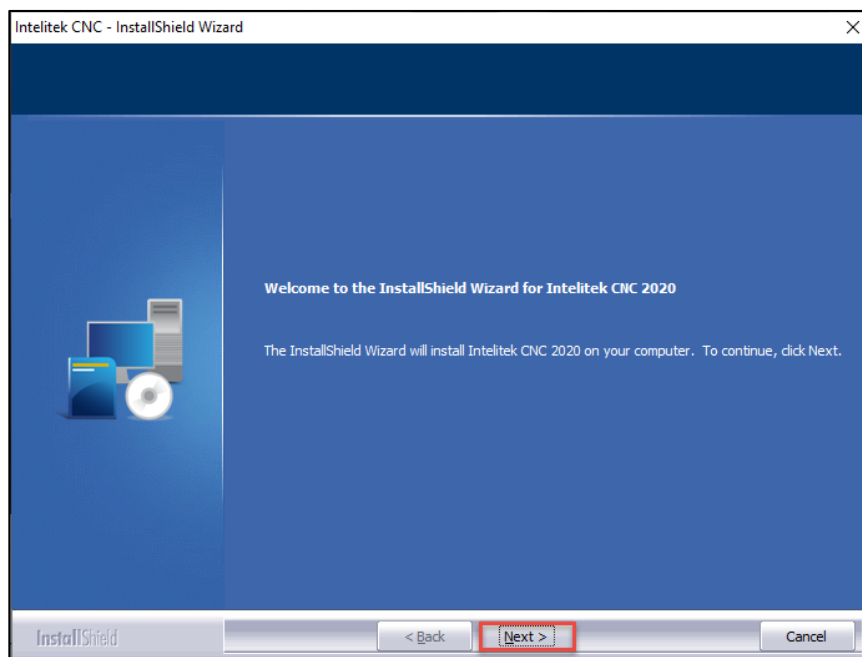
3. Right click and select Extract all on the **iCNCSetup.zip** file from the folder where you downloaded it.



4. Select iCNCSetup.exe to run the installer.

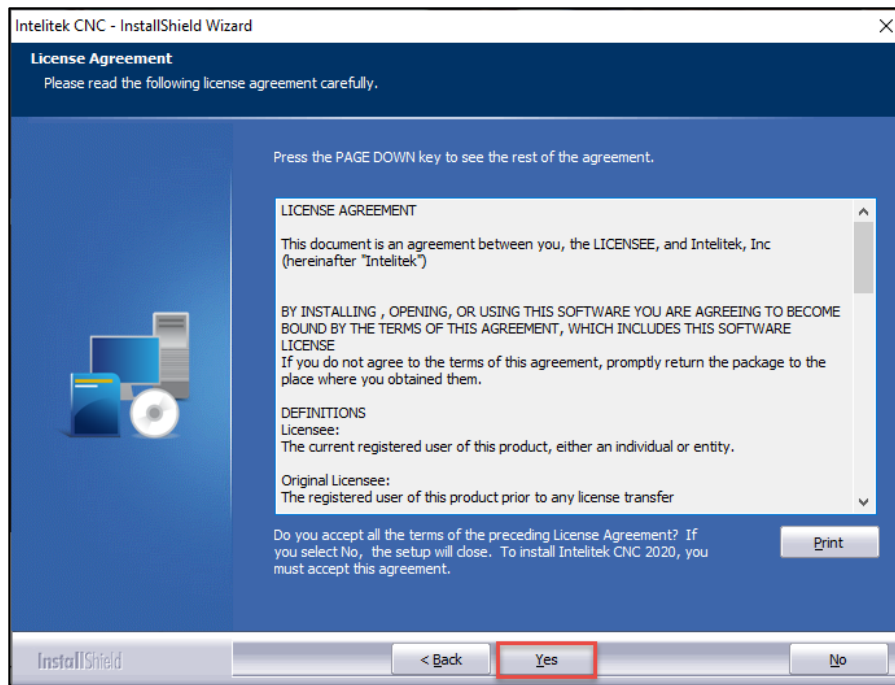


5. Select **Next**

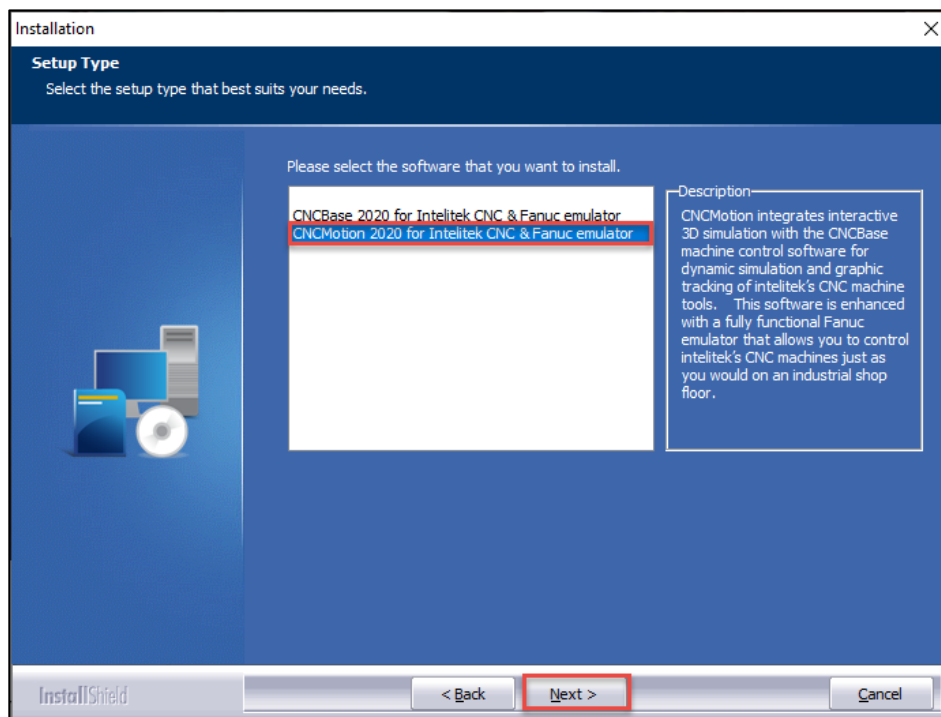




## 6. Select **Yes**

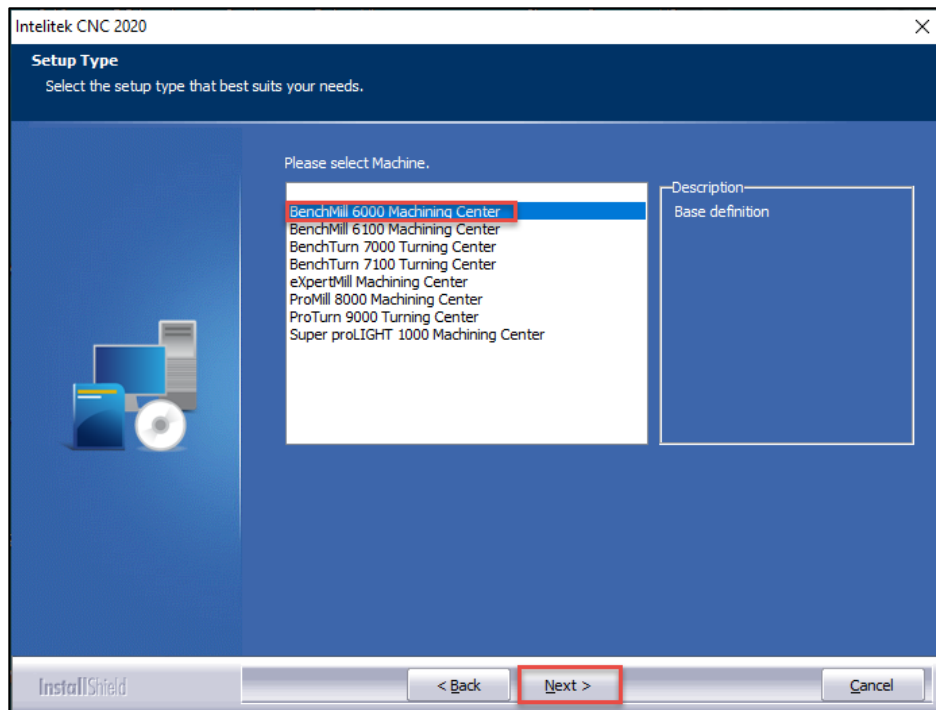


## 7. Select **CNCMotion for Intelitek CNC & Fanuc emulator**. Then select **Next**.

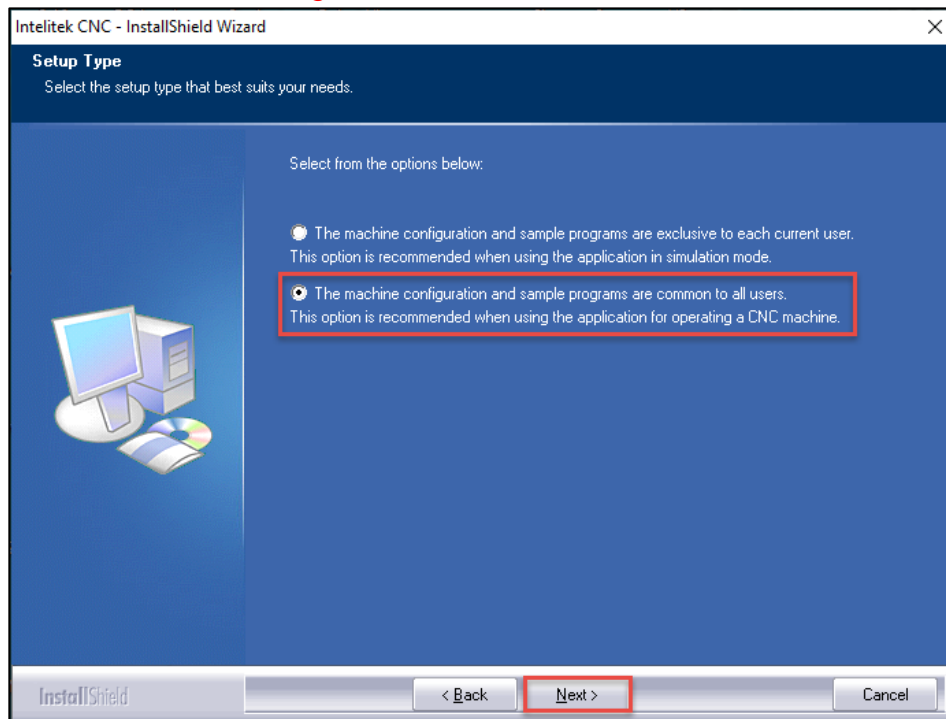




8. Select **BenchMill 6000 Machining Center**. Then select **Next**.

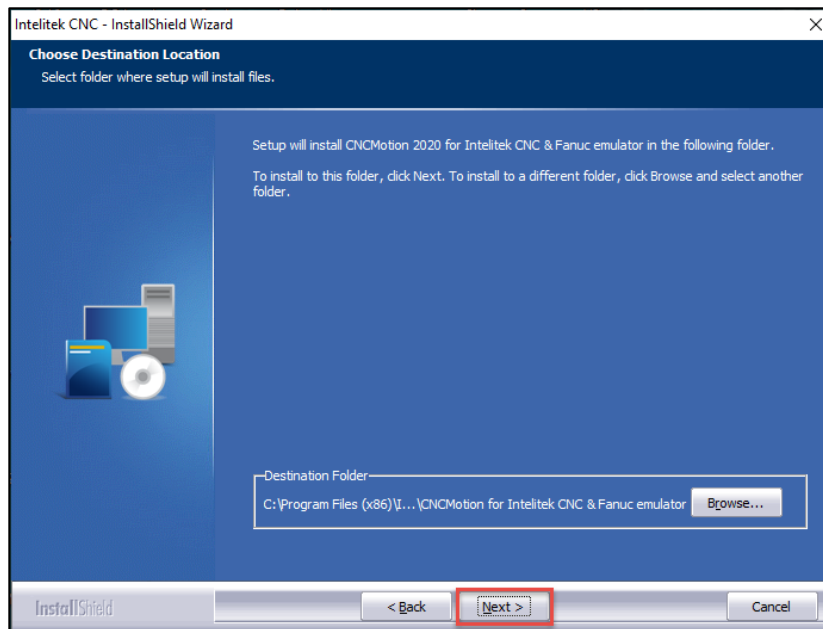


9. Select **machine configuration are common for all users**. Then select **Next**.

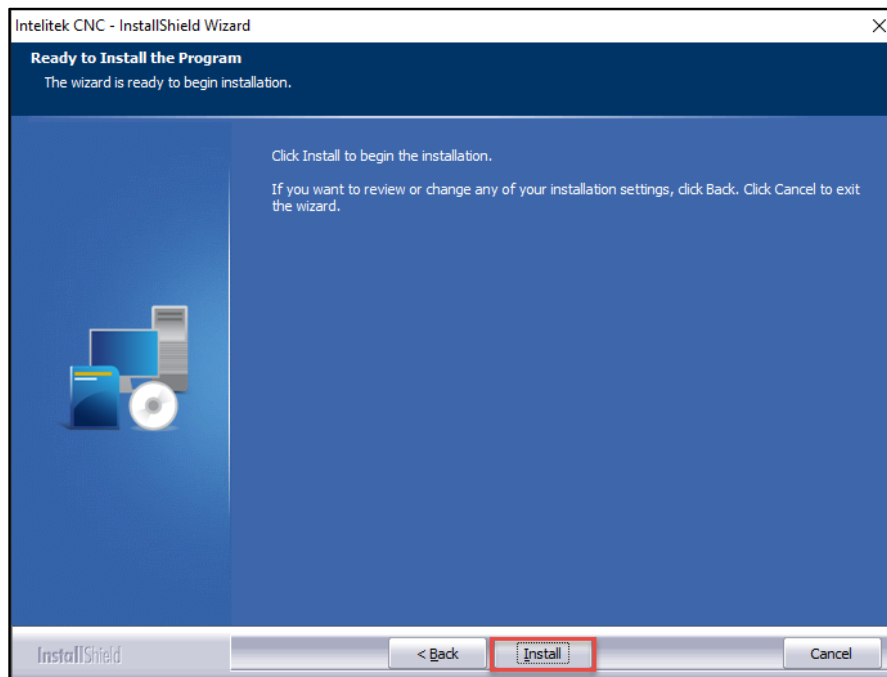




## 10. Select **Next**



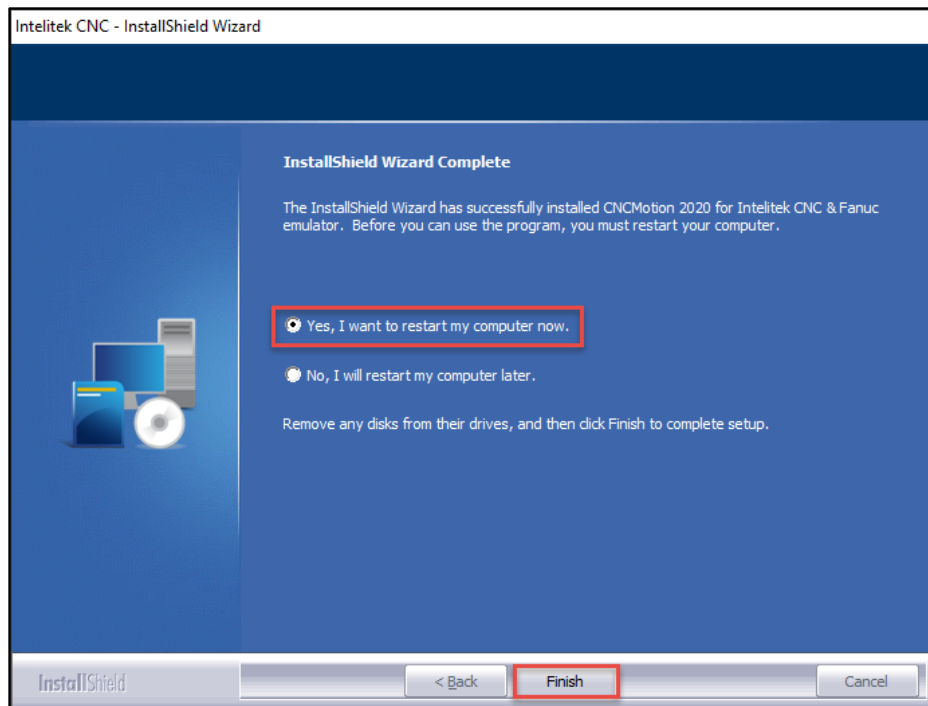
## 11. Select **Install**





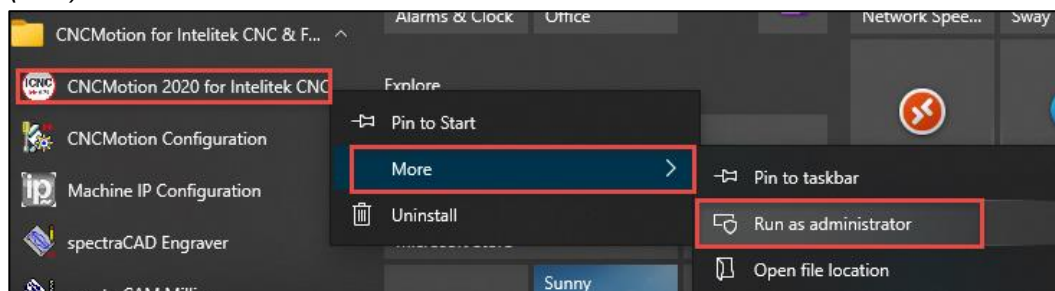


12. Select **Yes, I want to restart my computer now.**



**\*\* If using imaging software, do not license the software. Gather the image, and deploy it. License the software after all the machines are imaged. DO NOT license the Master Image. More information on imaging is at the end of the document \*\***

13. After your computer restarts, right-click on CNC Motion and select **run as administrator**. If no desktop icon, or start menu option is available, run iCNCConfig as an administrator from *C:\Program Files (x86)\Intelitek\CNCMotion for Intelitek CNC & Fanuc emulator*



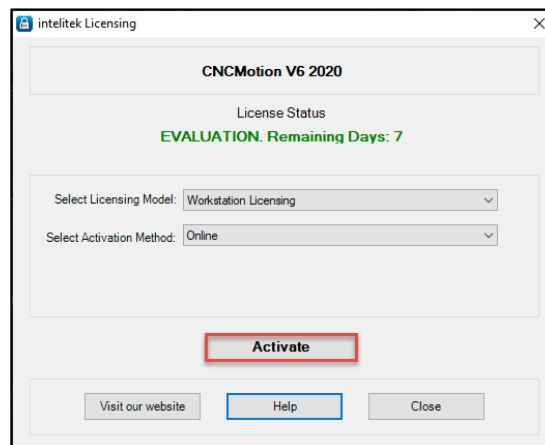




14. If prompted for CNC Configuration, select **OK** then Yes.

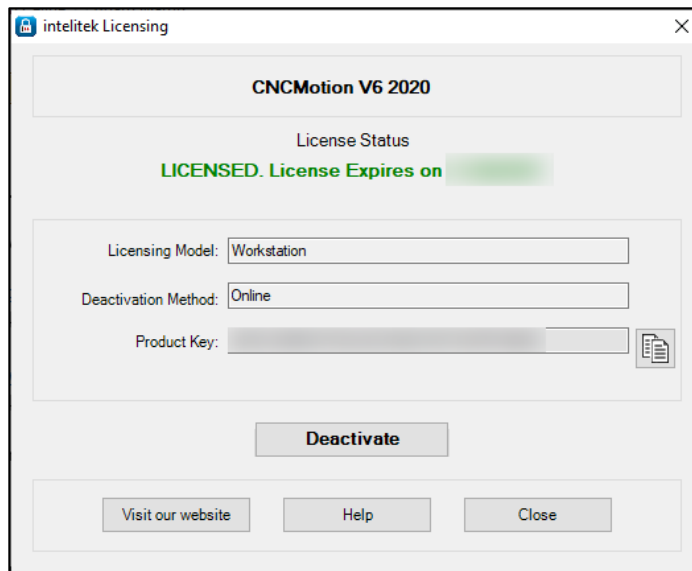


15. Select **Activate** AND enter the license that you received from inteltek.





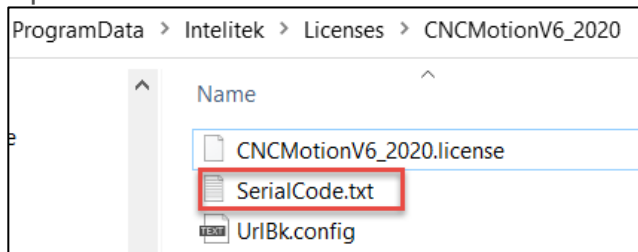
16. The license is now active.



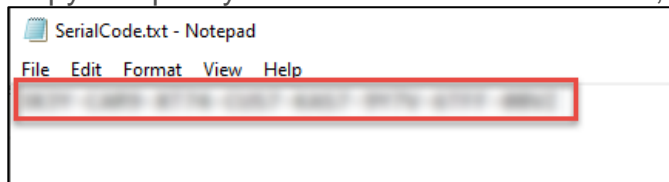
## Imaging considerations

Your school's serial number can now be pre-populated during the imaging process. After installation on the "Golden image," take the following steps.

1. Go to the following folder: C:\ProgramData\Intelitek\Licenses\CNCMotionV6\_2020
2. Open the file SerialCode.txt



3. Copy and past your serial number into the file, and Save the file.



## Silent installation instructions

Silent installation instructions can be found on the intelitek website here:

[https://downloads.intelitek.com/Manuals/CNC/iCNC/iCNC\\_v6.1\\_SilentInstall\\_v2.1.pdf](https://downloads.intelitek.com/Manuals/CNC/iCNC/iCNC_v6.1_SilentInstall_v2.1.pdf)