

Installing the FRC 2017 Update Suite (All Languages)

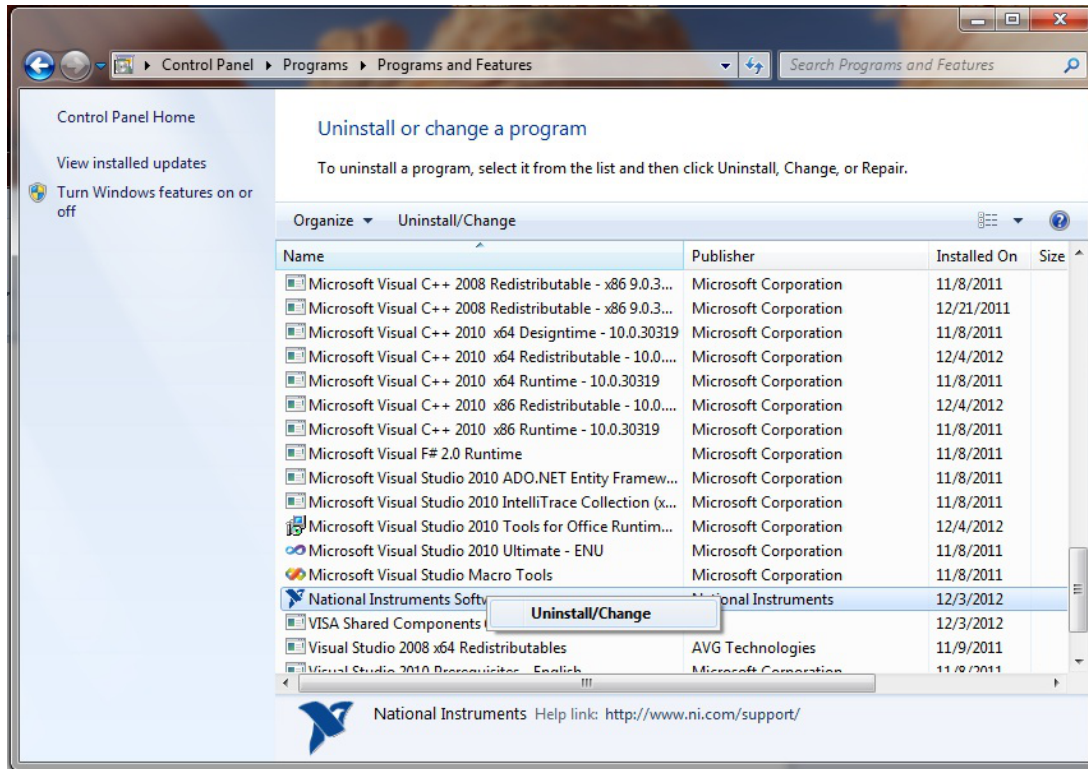
The FRC 2017 Update Suite contains the following software components: LabVIEW Update, FRC Driver Station, and FRC Utilities. If an FRC 2017 LabVIEW installation is found, the LabVIEW Update will be installed or updated, otherwise this step will be skipped. The FRC Driver Station and FRC Utilities will always be installed or updated. The LabVIEW runtime components required for the driver station and utilities is included in this package. No components from the LabVIEW DVD are required for running either the Driver Station or Utilities.

Note: The 2017 DS will only work on Windows 7, Windows 8, Windows 8.1, and Windows 10. It will not work on Windows XP.

Note for LabVIEW Teams: CAN Talon SRX has been removed from WPILib. See [this blog](#) for more info and find the CTRE Toolsuite installer here: http://www.ctr-electronics.com/control-system/hro.html#product_tabs_technical_resources

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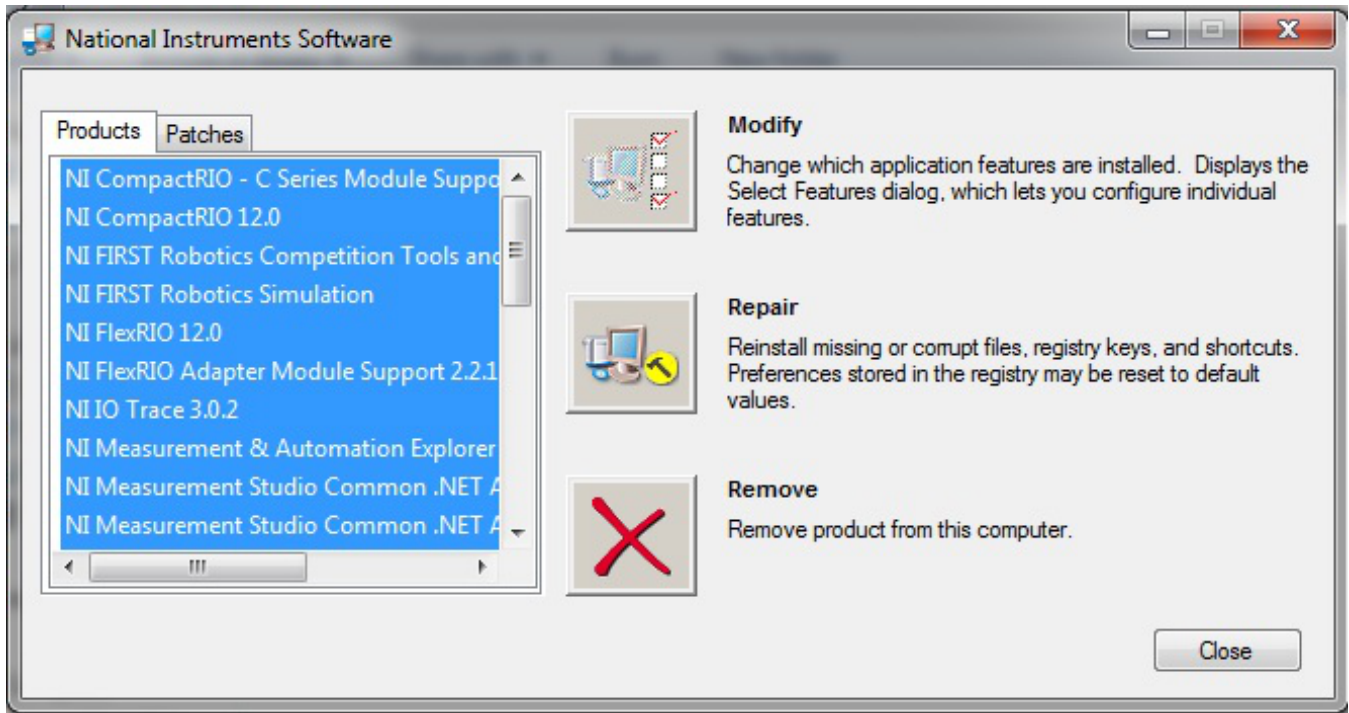
Uninstall Old Versions (Recommended)



LabVIEW teams have already completed this step, do not repeat it. Before installing the new version of the NI Update it is recommended to remove any old versions. The new version will likely properly overwrite the old version, but all testing has been done with FRC 2015 only. Make sure to back up any team code located in the "User\LabVIEW Data" directory before un-installing. Then click Start >> Control Panel >> Uninstall a Program. Locate the entry labeled "National Instruments Software", right-click on it and select Uninstall/Change.

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Select Components to Uninstall



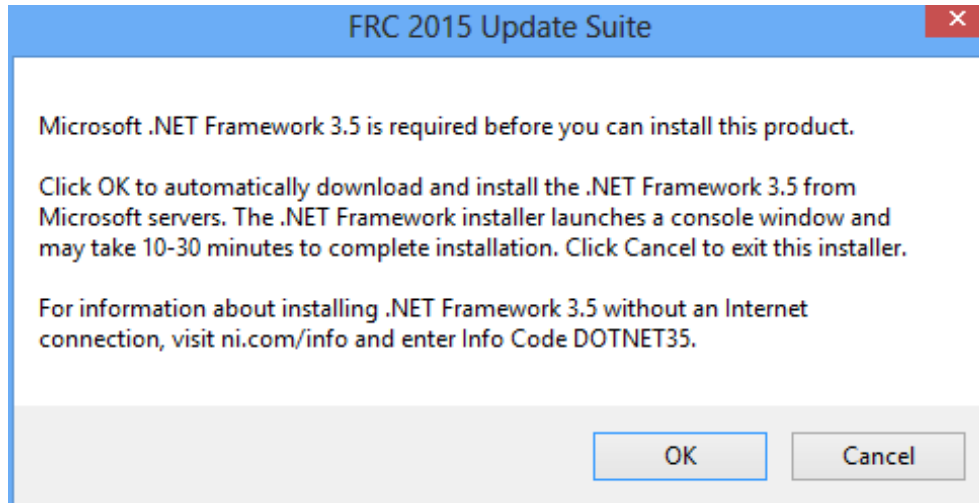
In the left pane of the dialog box that appears, **select all** entries. The easiest way to do this is to click the top entry to highlight it, then scroll down to the bottom entry, press and hold shift and click on the last entry then release shift. Click **Remove**. Wait for the uninstaller to complete and reboot if prompted.

Downloading the Update

Download the update from <http://www.ni.com/download/first-robotics-software-2015/5112/en/>

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Windows 8



If installing on Windows 8 or 10 and the above error appears, jump down to the [Addendum on Windows 8 installation](#) before returning here to re-start the installation.

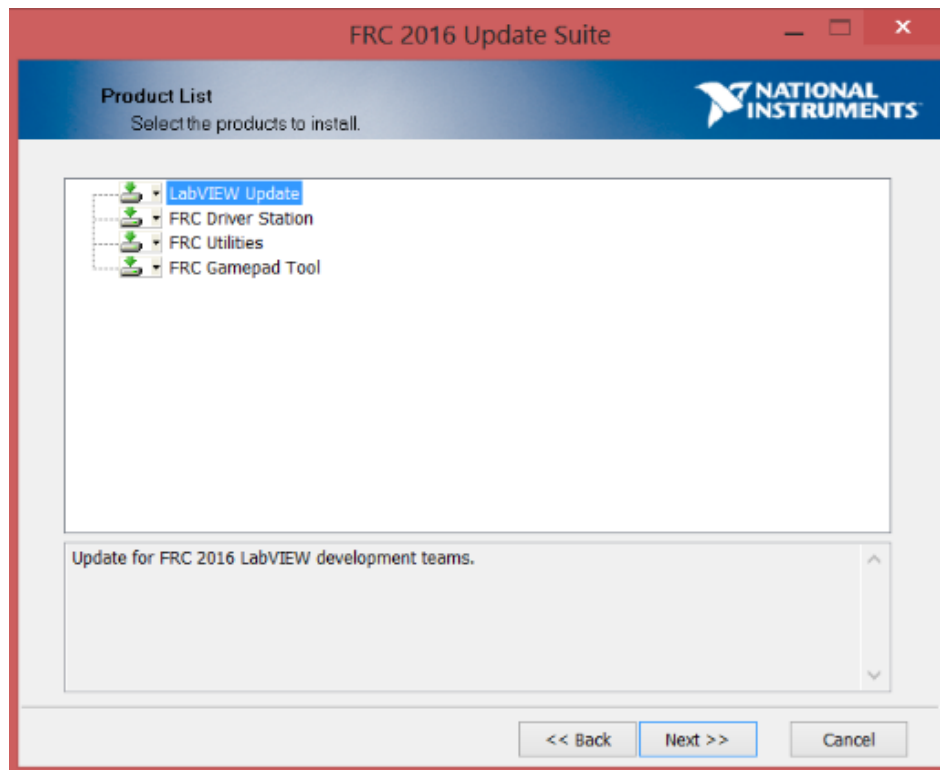
Welcome



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Right click on the downloaded zip file and select Extract All. If you downloaded the encrypted zip file, you will be prompted for the encryption key which is **&Full\$team^Ahead!** Open the extracted folder and any subfolders until you reach the folder containing "setup" (may say "setup.exe" on some machines). Double click on the setup icon to launch the installer. Click "Yes" if a Windows Security prompt appears. Click "Next" on the splash screen that appears.

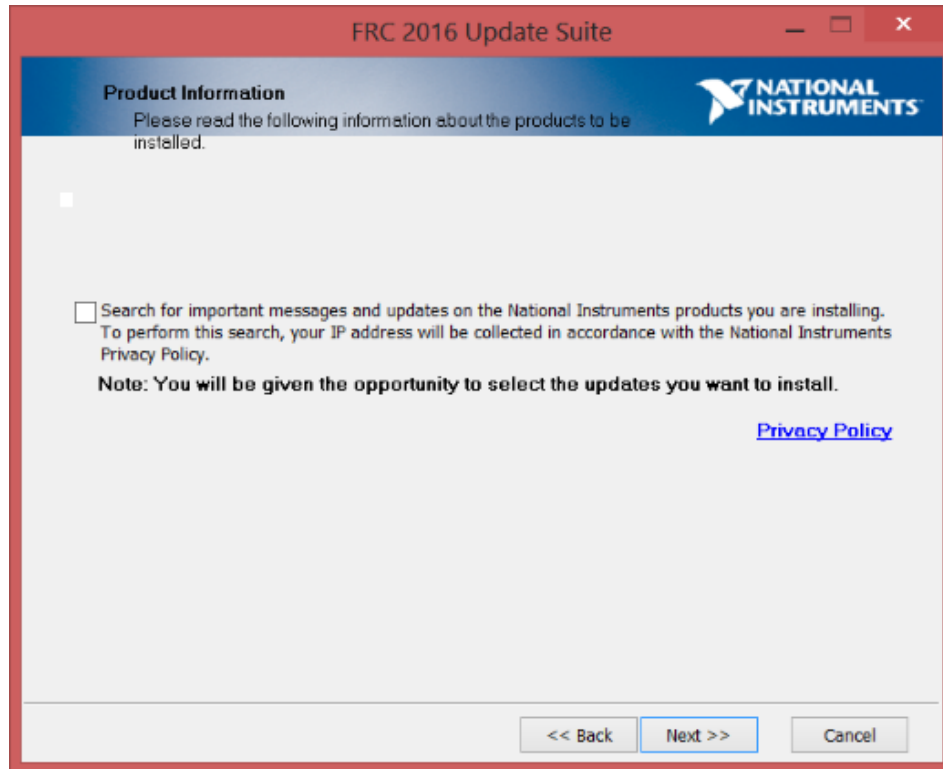
Product List



Click "Next"

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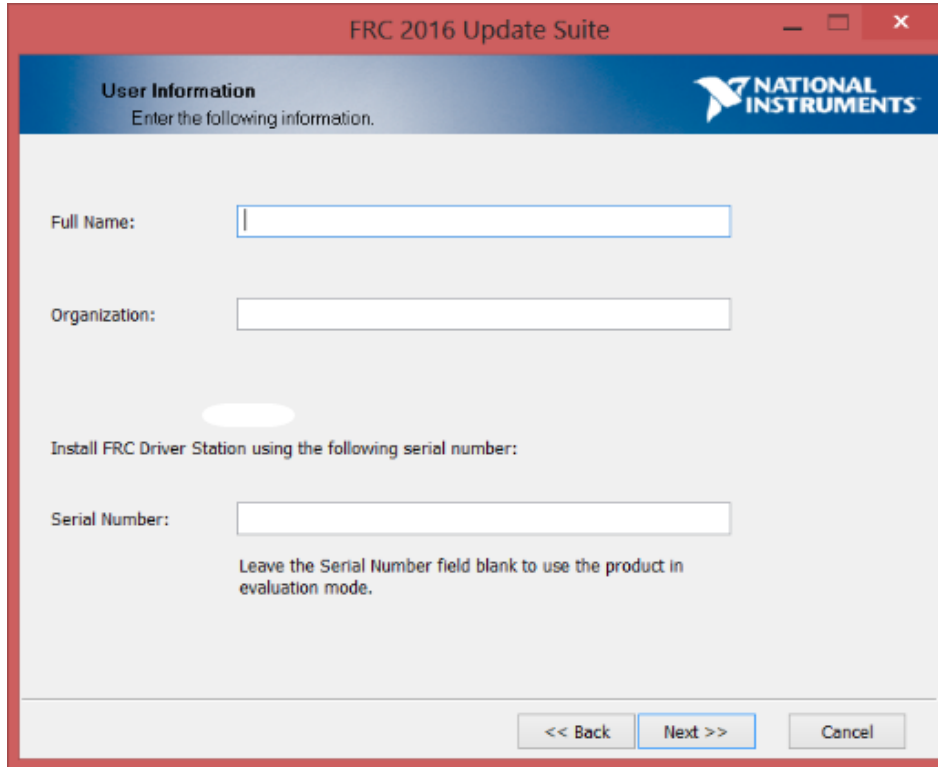
Product Information



Un-check the box, then Click "Next"

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User Information

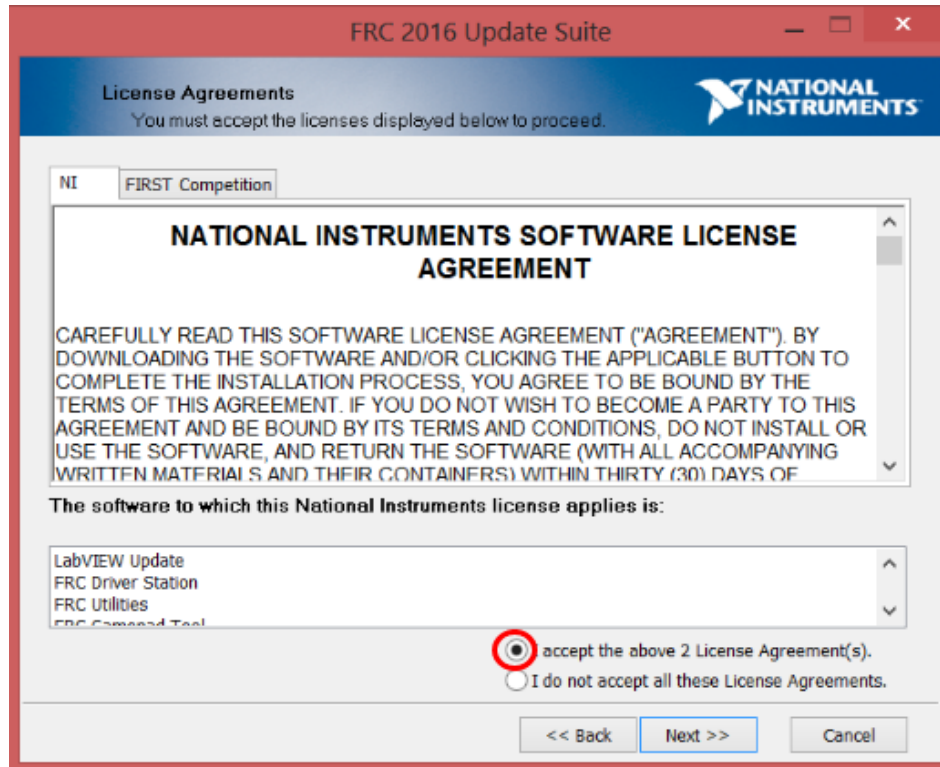


The screenshot shows a Windows-style dialog box titled "FRC 2016 Update Suite". The dialog has a blue header bar with the text "User Information" and "Enter the following information." on the left, and the "NATIONAL INSTRUMENTS" logo on the right. The main area is light gray and contains three input fields: "Full Name:", "Organization:", and "Serial Number:". Below the "Serial Number:" field, there is a note: "Leave the Serial Number field blank to use the product in evaluation mode." At the bottom right, there are three buttons: "<< Back", "Next >>", and "Cancel". The "Next >>" button is highlighted with a blue border.

Enter full name and organization and the serial number from your kit of parts then click **Next**

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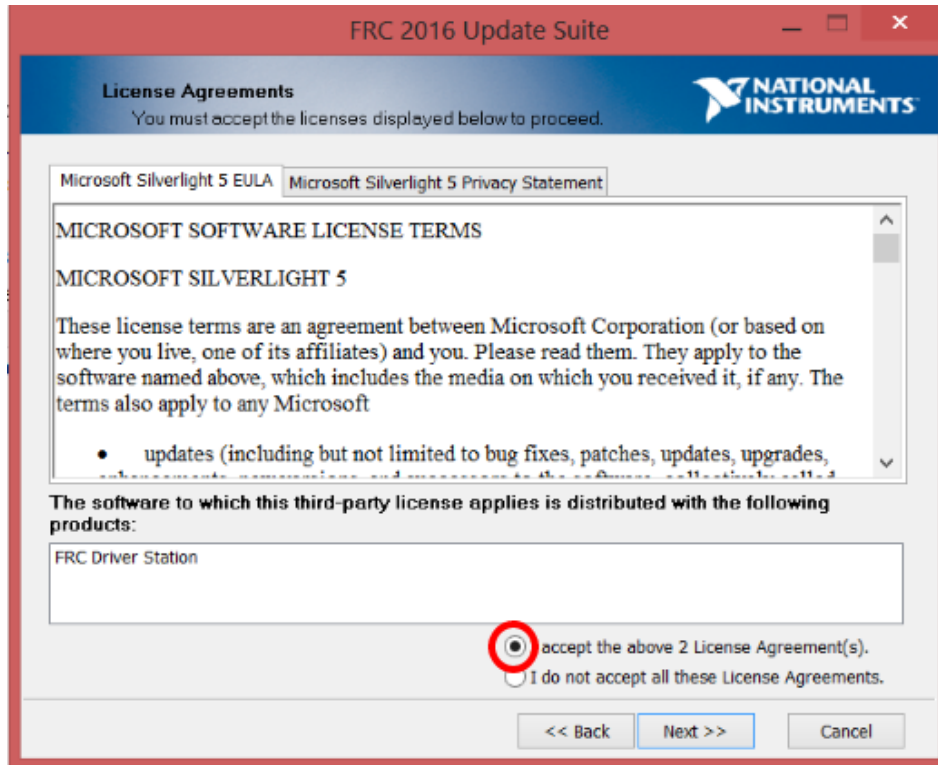
License Agreements



Select "I accept..." then click "Next"

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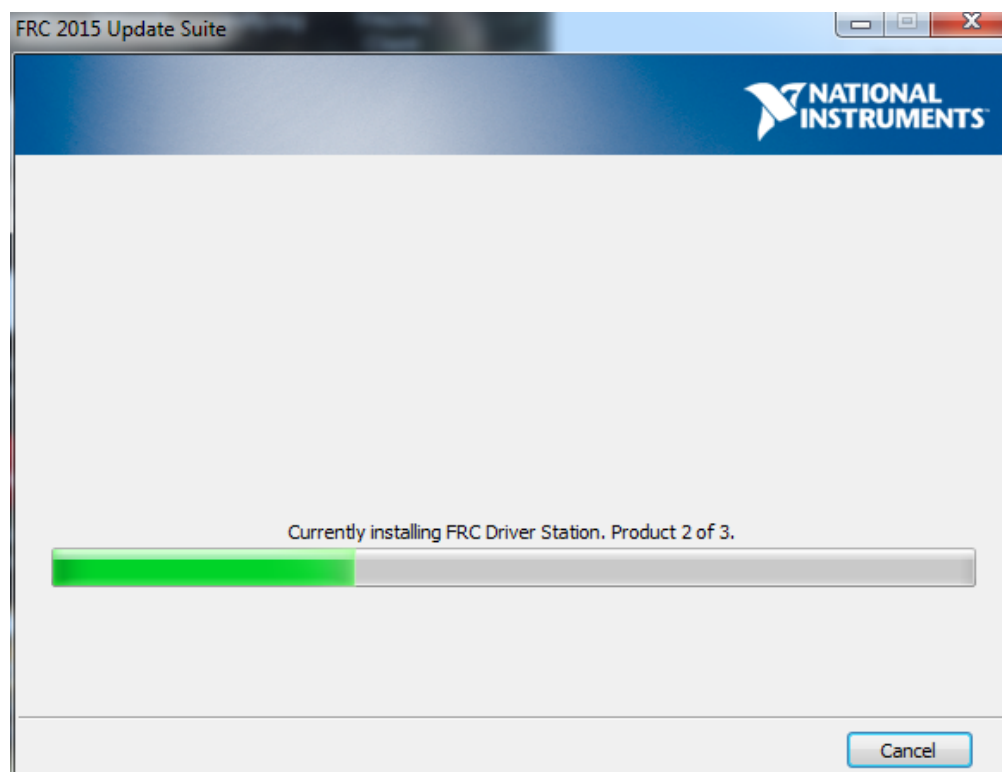
License Agreements Page 2



Select "I accept..." then click "Next"

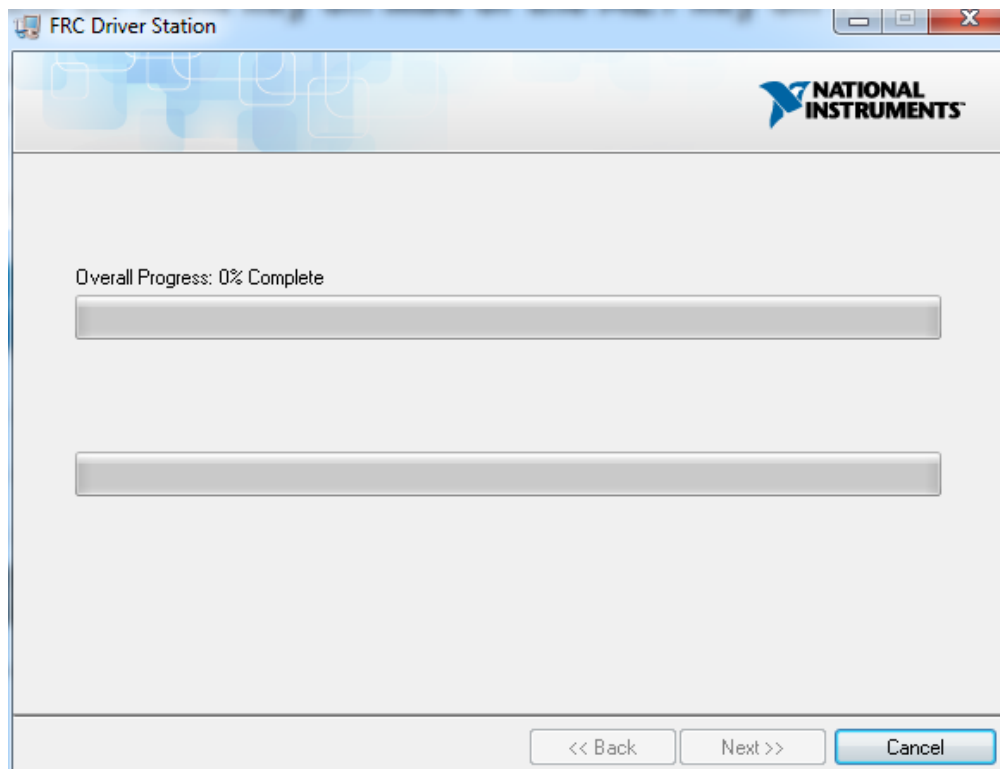
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Summary Progress



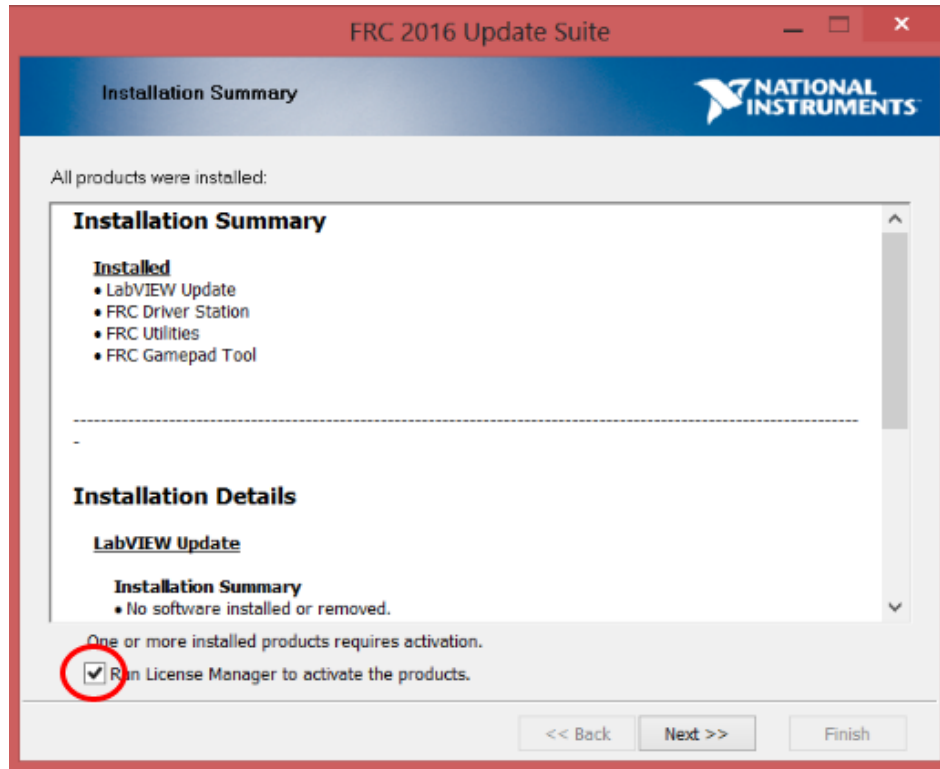
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Detail Progress



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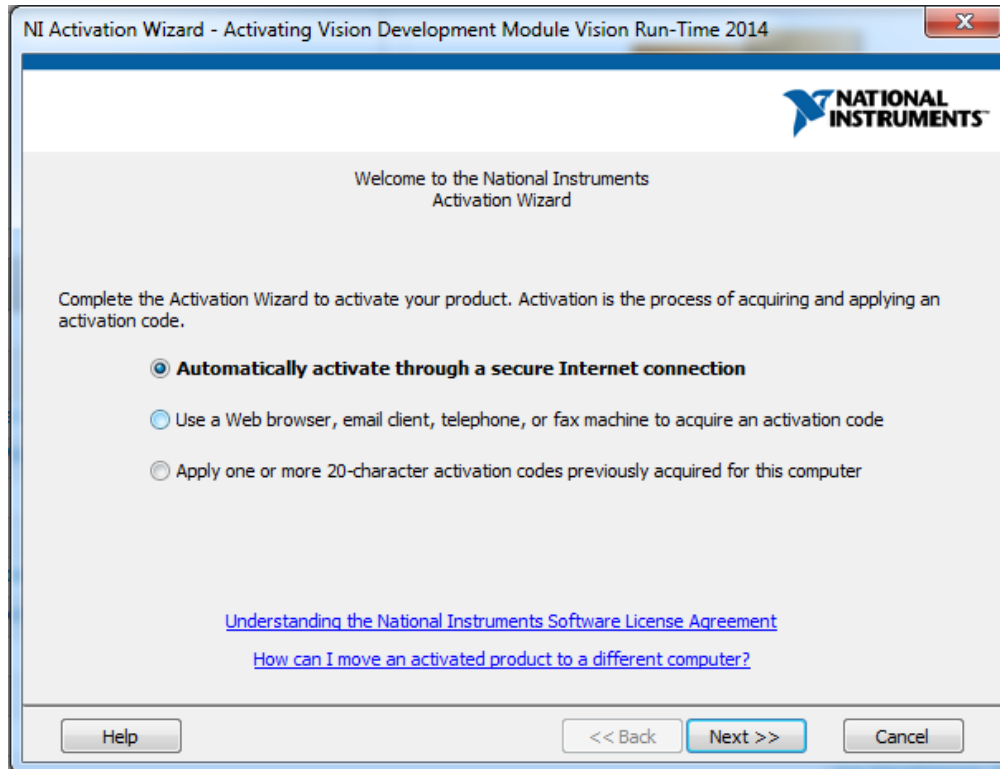
Installation Summary



Make sure the box is checked to Run License Manager... then click Next

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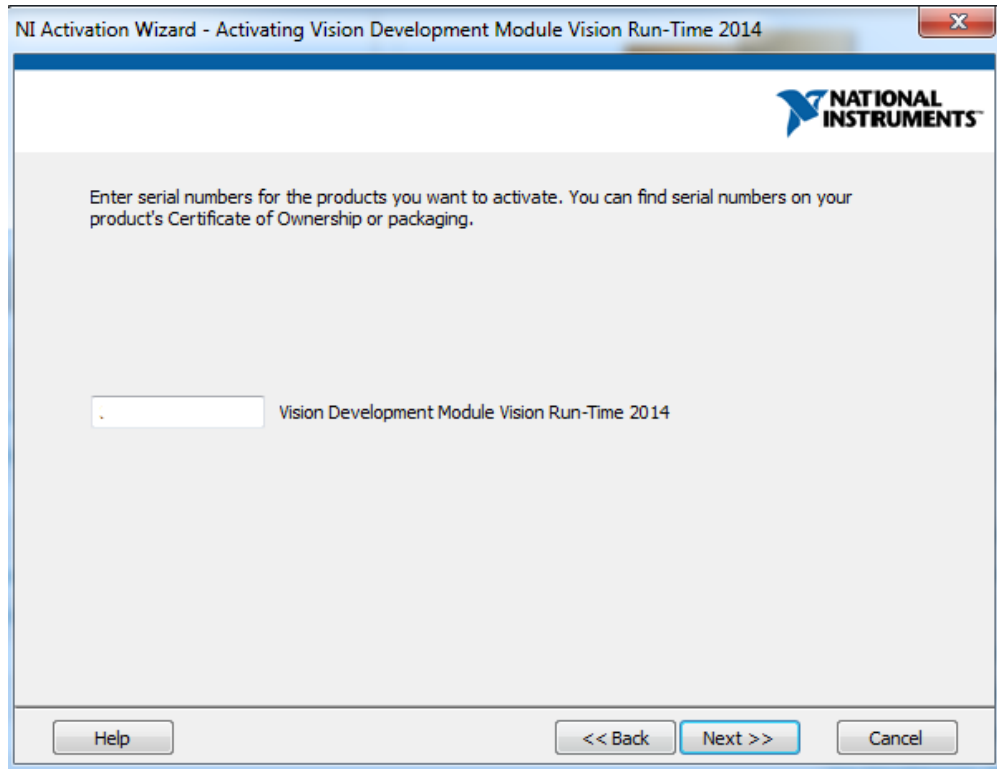
Activate



Select your desired activation method (Internet activation recommended), then click Next

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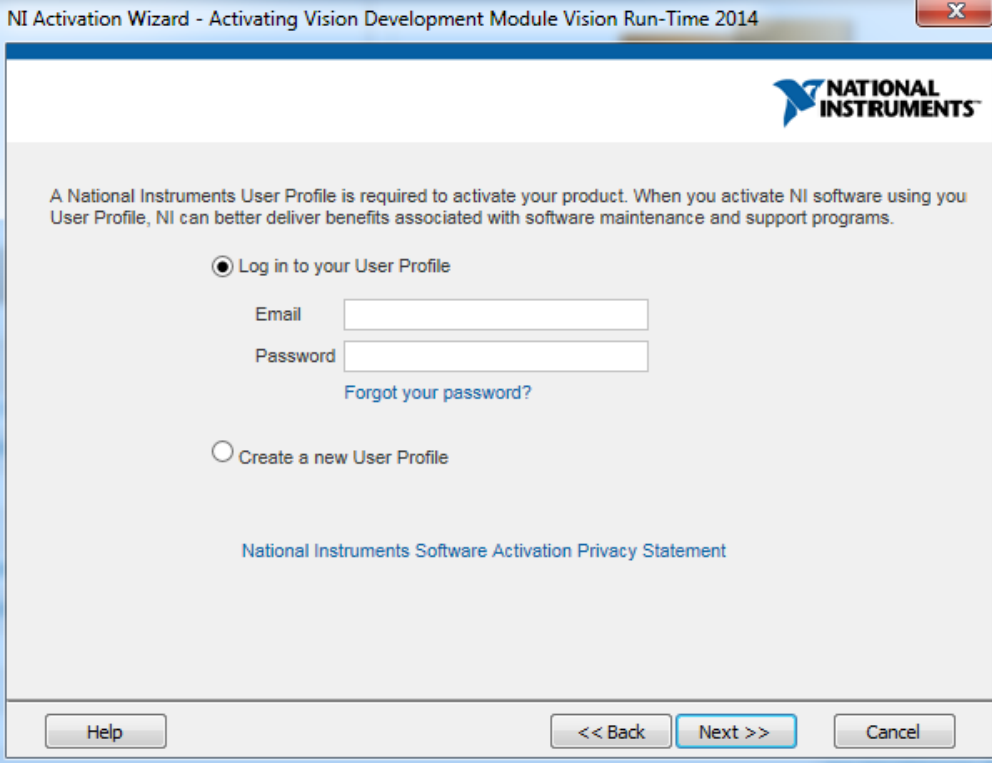
Serial Number Confirmation



Make sure the serial number in the box matches the one from your kit, then click Next

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User Profile



NI Activation Wizard - Activating Vision Development Module Vision Run-Time 2014

NATIONAL INSTRUMENTS

A National Instruments User Profile is required to activate your product. When you activate NI software using your User Profile, NI can better deliver benefits associated with software maintenance and support programs.

☒ Log in to your User Profile

Email

Password

[Forgot your password?](#)

☐ Create a new User Profile

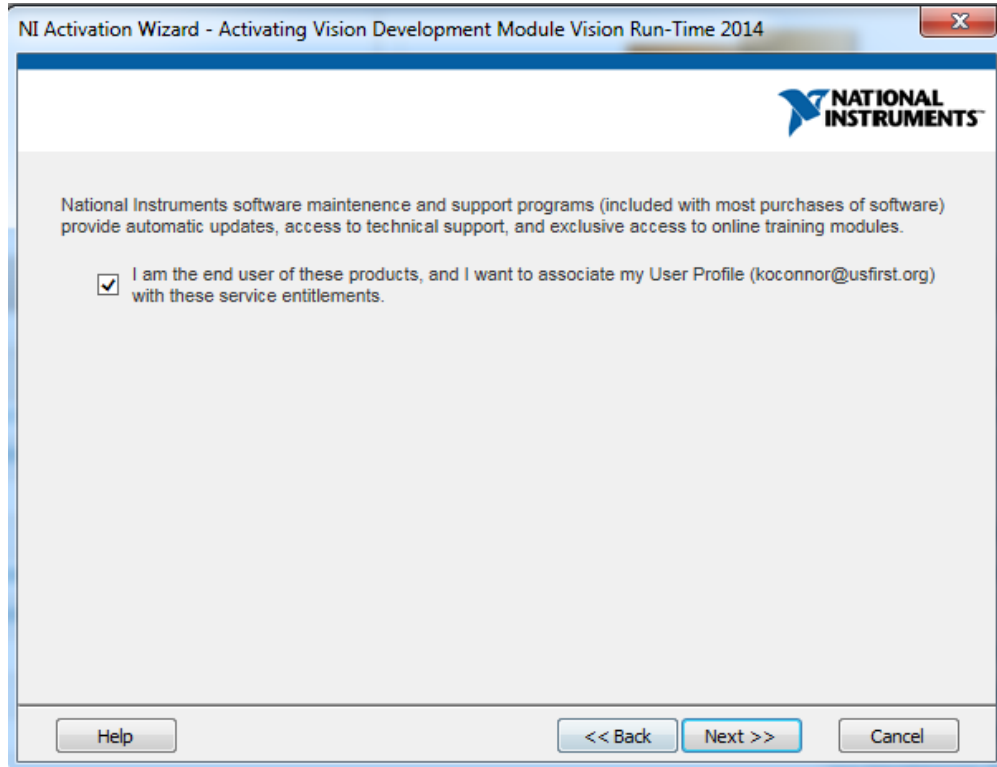
[National Instruments Software Activation Privacy Statement](#)

Help << Back Next >> Cancel

Log in or create an NI Profile. One profile may be used for multiple installations.

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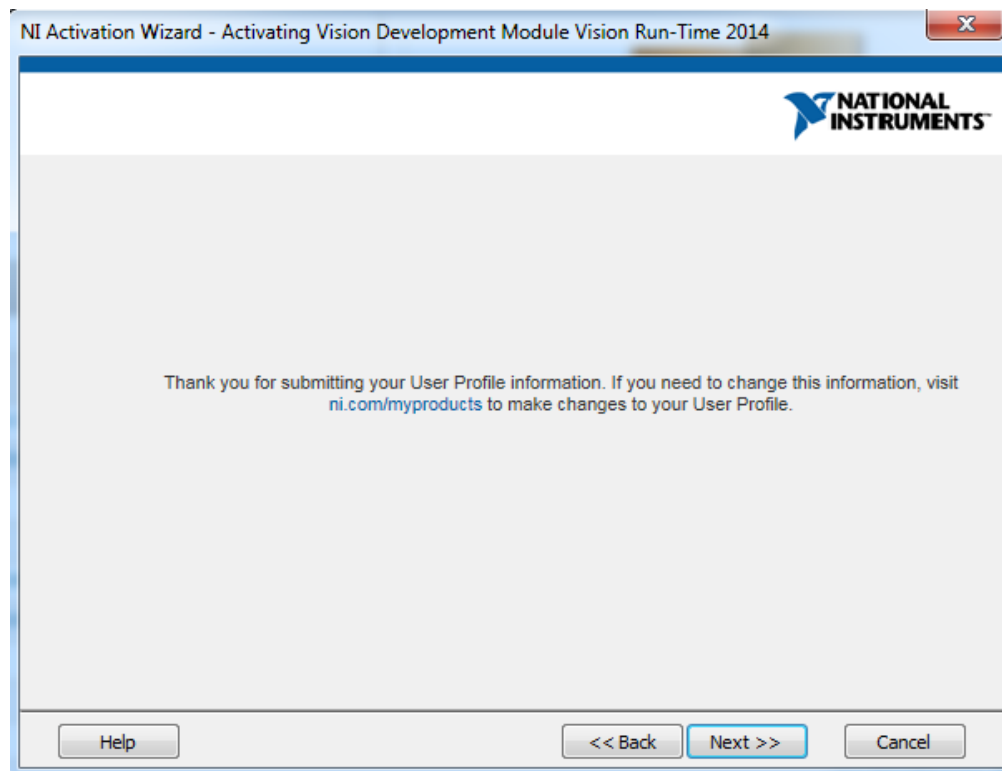
User Profile 2



Click Next

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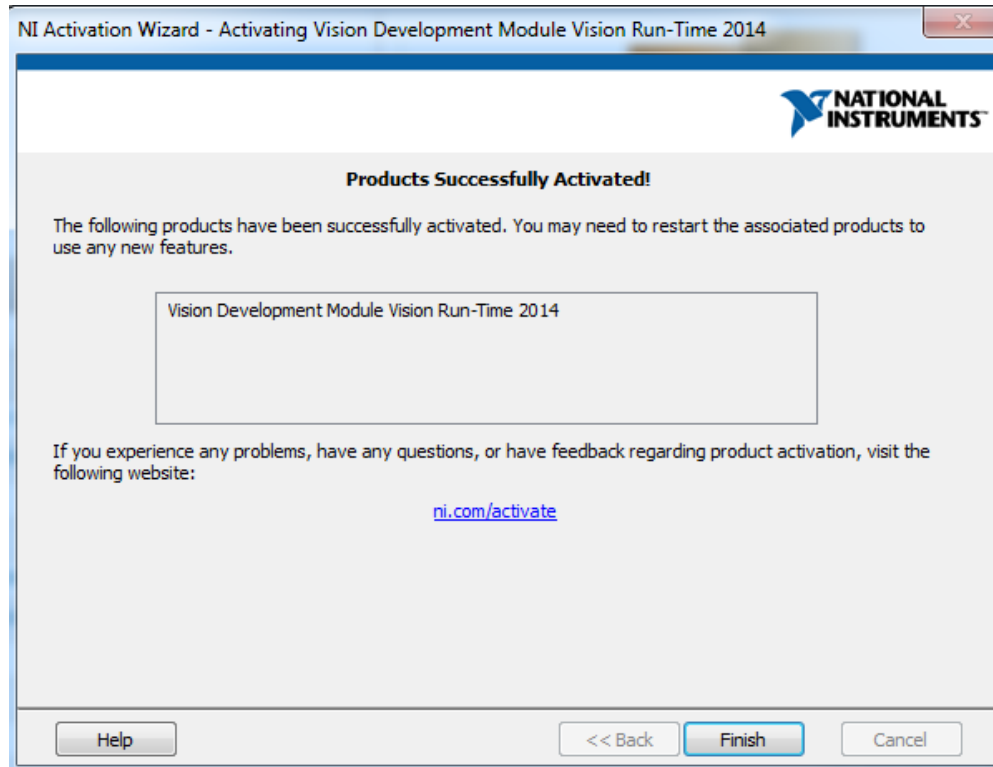
User Profile 3



Click Next

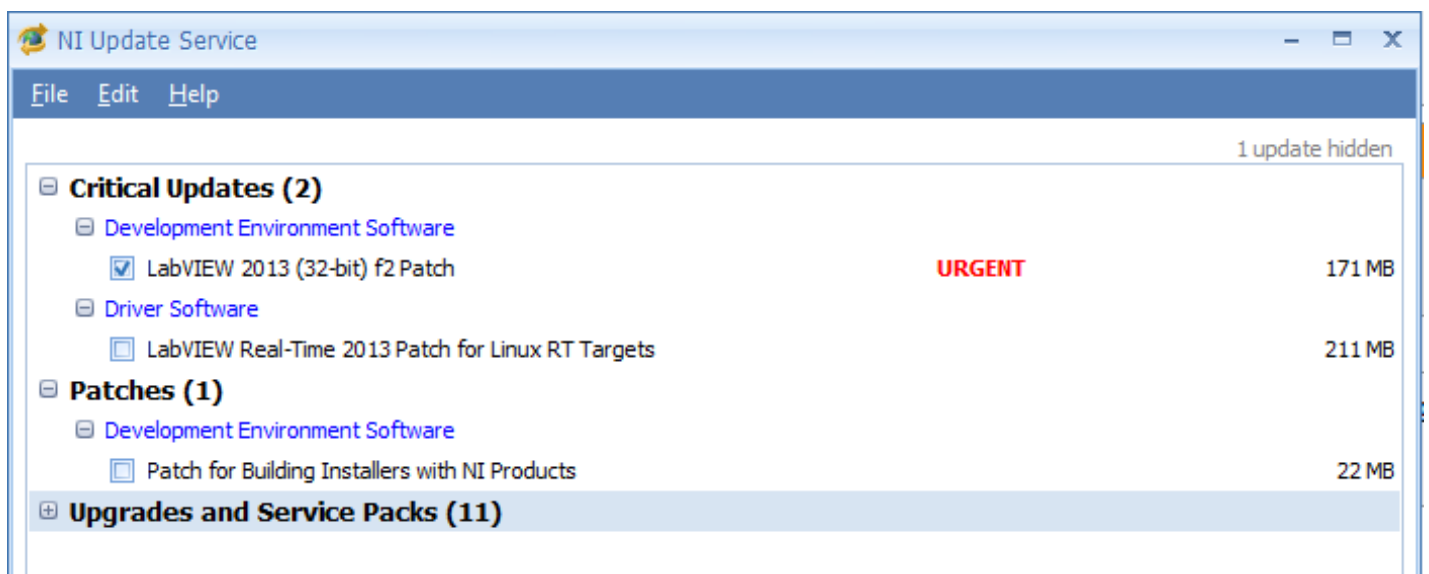
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Finish



After the product is activated, Click Finish. If prompted to Reboot, click Yes

NI Update Service



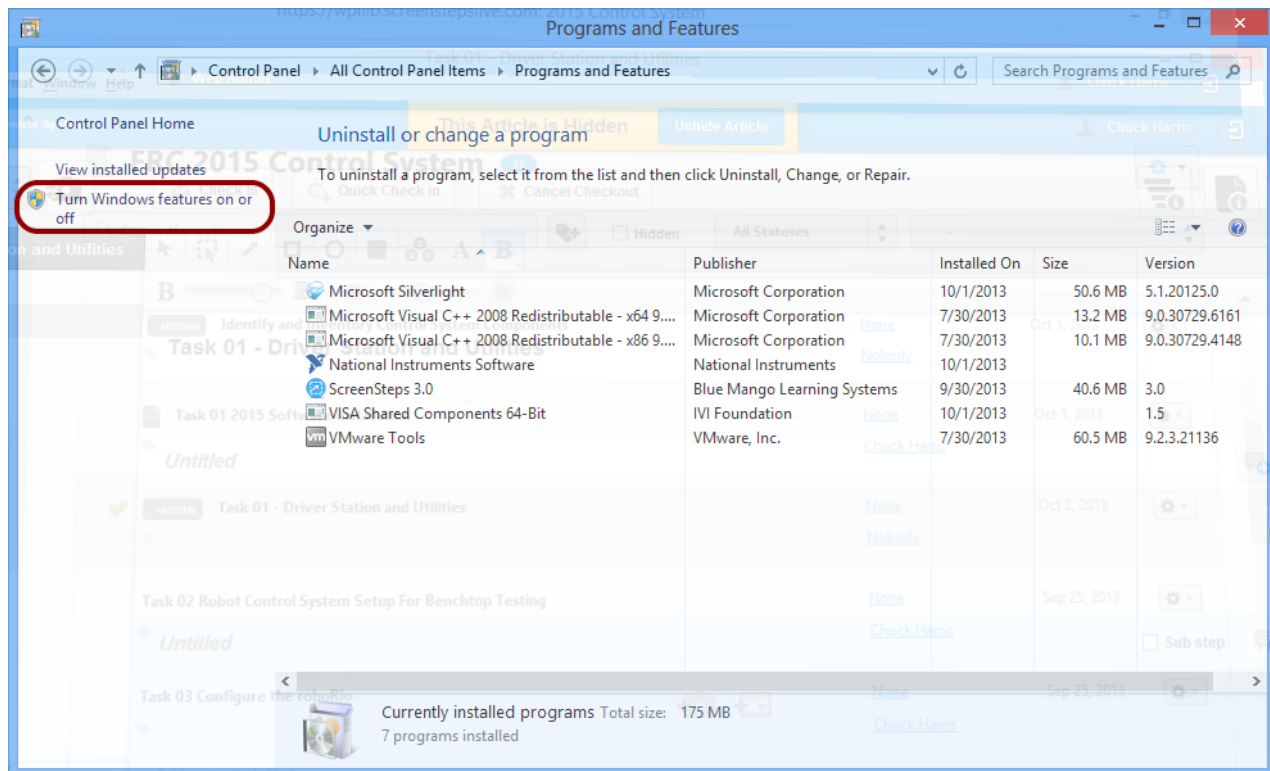
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On occasion you may see alerts from the NI Update Service about patches to LabVIEW. It is not recommended to install these patches. **FRC will communicate any recommended updates through our usual channels** (Frank's Blog, Team Updates or E-mail Blasts).

Addendum - Installing on Windows 8

If installing on Windows 8 or 10, the Microsoft .NET Framework 3.5 may need to be installed. If you see the dialog shown above, click "Cancel" and perform the steps shown below. An internet connection is required to complete these steps.

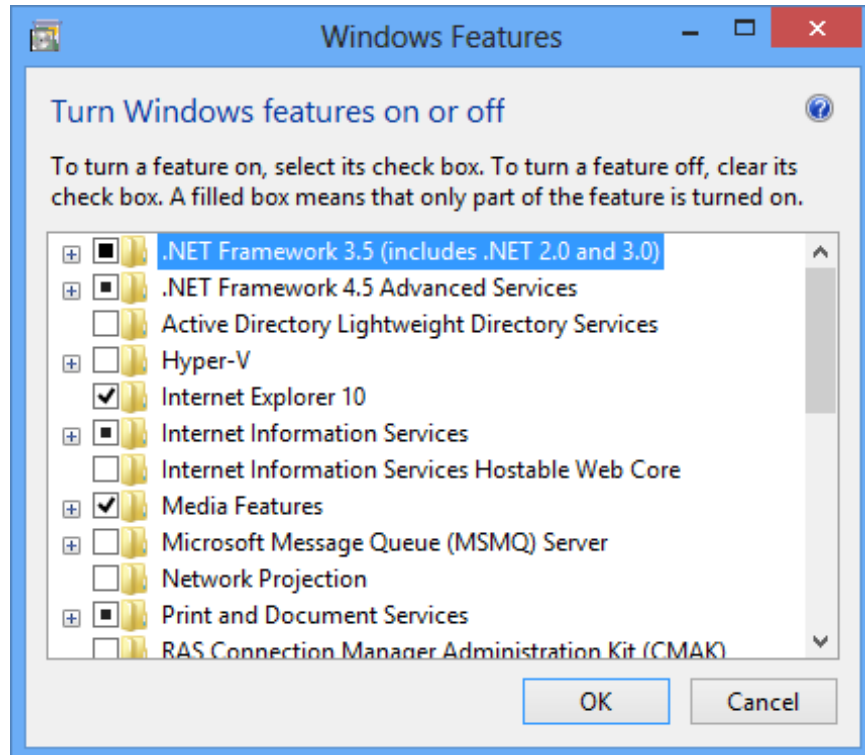
Programs and Features



Open the "Programs and Features" window from the control panel and click on "Turn Windows features on or off"

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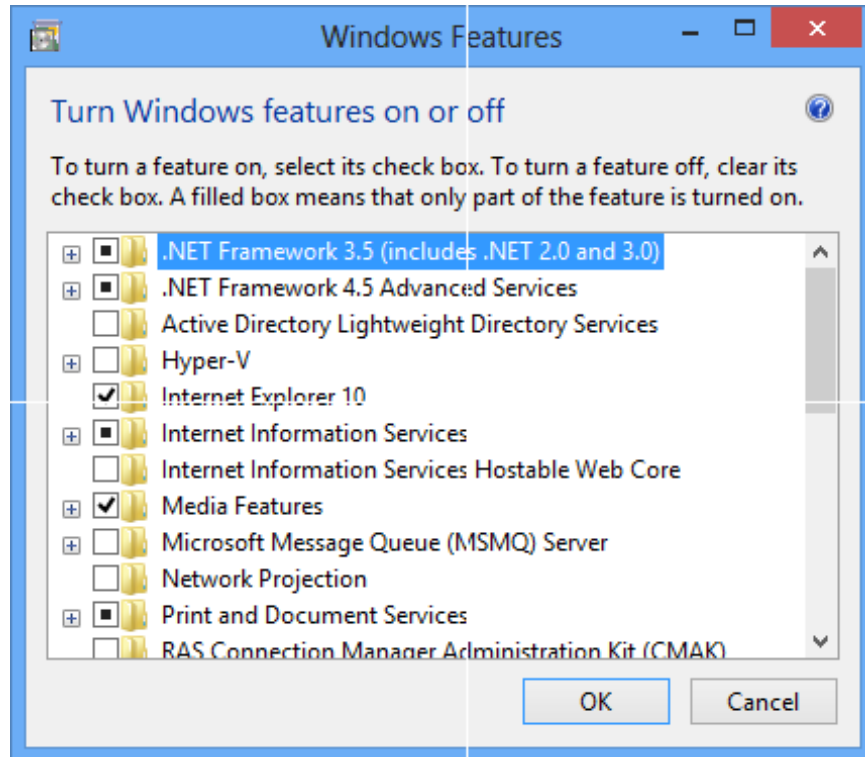
Windows Features (.NET Framework 3.5 not on)



Select ".NET Framework 3.5 (includes .NET 2.0 and 3.0)" to enable it (a black dot, not a check box will appear) and then click "OK". When installation finishes [restart installation of FRC 2016 Update Suite](#).

Installing the FRC 2017 Update Suite (All Languages)

Windows Features (.NET Framework 3.5 already on)



If a black dot is shown next to ".NET Framework 3.5" the feature is already on. Click "Cancel" and [restart installation of FRC 2017 Update Suite](#).