**“*National Instruments LabVIEW Install Quick Reference Guide*”**

# **TABLE OF CONTENTS**

[**TABLE OF CONTENTS** 2](#_Toc170385026)

[**REVISION LOG** 3](#_Toc170385027)

[**PROCEDURE STATUS** 3](#_Toc170385028)

[**REFERENCES** 3](#_Toc170385029)

[**PURPOSE** 3](#_Toc170385030)

[**SCOPE** 3](#_Toc170385031)

[**PERSONNEL TRAINING AND QUALIFICATION** 3](#_Toc170385032)

[**APPARATUS AND EQUIPMENT** 3](#_Toc170385033)

[**PREQEQUISITE** 5](#_Toc170385034)

[A. “Y” Drive Setup – Must Have Drive Privledges 5](#_Toc170385035)

# **REVISION LOG**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revision: 1.0** | | **Effective Date:** | | |
| **Section** | **Justification** | | | **Changes** |
|  |  | | |  |
| **Impact of above change(s) on other documents:** | | |  | |

# **PROCEDURE STATUS**

The status of this procedure is: **DRAFT.**

# **REFERENCES**

1. <https://www.ni.com/en.html>
2. [https://www.ni.com/en/support/downloads/software-products/download.labview.html#521715](https://www.ni.com/en/support/downloads/software-products/download.labview.html%23521715 )
3. [\\c1315mv65\groups\Private\TestSupport\JADEC Commissioning\Software\National Instruments](file:///\\c1315mv65\groups\Private\TestSupport\JADEC%20Commissioning\Software\National%20Instruments)
4. <https://www.ni.com/pdf/manuals/374715c.html>

# **PURPOSE**

This quick start guide provides instructions on how to install National Instruments LabVIEW in preparation for working with JCI Software Projects.

# **SCOPE**

This procedure applies to all personnel who will be using National Instruments Software Products at JCI.

# **PERSONNEL TRAINING AND QUALIFICATION**

1. System Users need to have proficiency with:
   1. Microsoft Windows
   2. National Instruments Software
2. Access to “Y” Drive

# **APPARATUS AND EQUIPMENT**

Minimum System Requirements for National Instruments LabVIEW.

|  |  |  |
| --- | --- | --- |
| **Windows** | **Run-Time Engine** | **Development Environment** |
| Processor | Pentium III/Celeron 866 MHz (or equivalent) or later (32-bit) Pentium 4 G1 (or equivalent) or later (64-bit) | Pentium 4M (or equivalent) or later (32-bit) Pentium 4 G1 (or equivalent) or later (64-bit) |
| RAM | 256 MB | 1 GB |
| Screen Resolution | 1024 x 768 pixels | 1024 x 768 pixels |
| Operating System | Windows 8.1/8/7/Vista (32-bit and 64-bit) Windows XP SP3 (32-bit) Windows Server 2012 R2 (64-bit) Windows Server 2008 R2 (64-bit) Windows Server 2003 R2 (32-bit) | Windows 8.1/8/7/Vista (32-bit and 64-bit) Windows XP SP3 (32-bit) Windows Server 2012 R2 (64-bit) Windows Server 2008 R2 (64-bit) Windows Server 2003 R2 (32-bit) |
| Disk Space | 620 MB | 5 GB (includes default drivers from the NI Device Drivers media) |
| Color Palette | N/A | LabVIEW and the *LabVIEW Help* contain 16-bit color graphics. LabVIEW requires a minimum color palette setting of 16-bit color. |
| Temporary Files Directory | N/A | LabVIEW uses a directory for storing temporary files. National Instruments recommends that you have several megabytes of disk space available for this temporary directory. |
| Adobe Reader | N/A | You must have Adobe Reader installed to search PDF versions of all LabVIEW manuals. |

# **PREREQUISITE**

1. “Y” Drive Setup
   1. Navigate to “This PC”



* 1. A screenshot of a computer

     Description automatically generatedSelect “Map network drive” form the Ribbon
  2. A “Map Network Drive” Window will open prompting some information.

A screenshot of a computer

Description automatically generated

* + 1. Use the drop down and select “Y” for the “Drive”.
    2. Enter [\\c1823m003.go.johnsoncontrols.com\yorkdata\esg\Dept1892](file:///\\c1823m003.go.johnsoncontrols.com\yorkdata\esg\Dept1892) into “Folder”
    3. Verify “Reconnect at Sign-in” is selected.
    4. Verify “Connect using different credentials” is not selected.
    5. Press “Finish”
  1. This will now close the “Map Network Drive” Window and open an additional Windows Explorer Window with the “Y” Drive contents.

# **PROCEDURE**

## **NI Developer Suite 2015 DS2 Install**

1. From the mapped “Y” Drive, navigate to Groups\Private\TestSupport\JADEC Commissioning\Software\National Instruments
2. Open the Folder “LabVIEW 2015”
3. Open the Folder " 501400AP-01M\_2015DS2DVD1\_ENG”
4. A screenshot of a computer

   Description automatically generatedRun Setup.exe (Application) by right clicking and selecting
5. A screenshot of a software suite

   Description automatically generated A “NI Developer Suite 2015 DS2” Window will open. This window will direct the user thru the installation process. Press “Next” to proceed.
6. A screenshot of a computer

   Description automatically generatedThe next setup screen will display. This screen prompts the user to “Select Installation Option”. That option is whether to use a serial number or to just evaluate the product.
7. Verify that “I have serial numbers for one or more products in this installer.” Is selected.
8. Verify “Select and activate products based on my serial numbers.” is selected.
9. Press “Next” to proceed.
10. The next Screen will prompt the user to enter serial number(s).
    1. A screenshot of a computer

       Description automatically generatedFor each serial number:
       1. Enter the serial number in the provided text box.
       2. Press “Add Serial Number”
       3. A screenshot of a computer

          Description automatically generatedAnother “NI Developer Suite 2015 DS2” Window will display to validate the serial number.
       4. A serial number for “LabVIEW Professional” and “LabVIEW Real-Time Module” will be entered.
       5. A screenshot of a computer suite

          Description automatically generatedWhen both serial numbers are validated. Press “Next” to proceed.
11. The next screen will prompt the user to select the “Product(s)” from the “Licensed Product List”
    1. A screenshot of a software suite

       Description automatically generatedClick the drop down on “VI Package Manager” and select the option Install.
    2. A screenshot of a software suite

       Description automatically generatedClick the drop down on “NI General Security Patch Q2 2013” and select the option Install.
    3. A screenshot of a computer program

       Description automatically generated Click the drop down on “NI Device Drivers – August ” and select the option Install.
    4. A screenshot of a software suite

       Description automatically generatedPress “Next” to proceed.
12. A screenshot of a computer

    Description automatically generatedThe next screen is prompting the user to determine if they want to check for important updates to the products they are choosing to install. Please verify that the box is checked and press “Next” to proceed.
13. A screenshot of a computer

    Description automatically generatedThe next screen will proceed to check for any important updates to the selected products. When it is done, it will go away and proceed to the next screen.
14. A screenshot of a computer

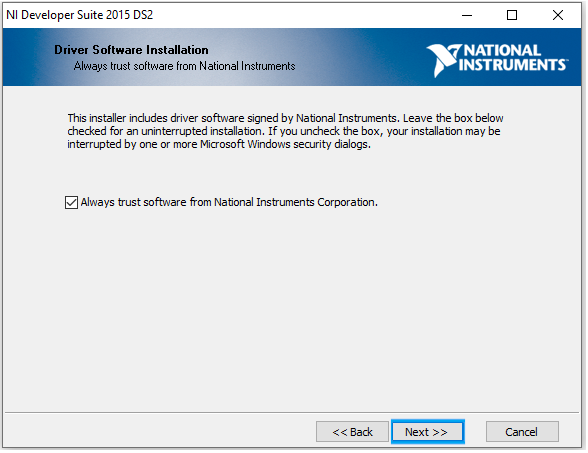
    Description automatically generatedThe next screen will go over any important updates for the selected products. There should be no updates.

Press “Next” to proceed.

1. A screenshot of a computer

   Description automatically generatedThe next screen will provide a list of directories for install files. Press “Next” to proceed.
2. A screenshot of a software license agreement

   Description automatically generatedThe next screen will ask the user to accept the license agreements. Please select “I accept the above 4 License Agreement(s).” and press “Next” to proceed.
3. A screenshot of a computer screen

   Description automatically generatedThe next screen is more license agreement acceptance. Please select “I accept the above 2 License Agreement(s).” Press “Next” to proceed.
4. The next screen is prompting the user to always trust software from National Instruments Corporation. Verify “Always trust software from National Instruments Corporation.” is selected. Press “Next” to proceed.
5. A screenshot of a computer error

   Description automatically generatedThe next screen will try to active the products. It may show a “Page Error” or need to be refreshed. This is due to the software being older and web pages changing. Press “Next” to proceed.
6. A screenshot of a software application

   Description automatically generatedThe next screen will prompt for user information. Please fill in “First Name”, “Last Name”, “Organization”, and “Email”. Press “Next” to proceed.
7. A screenshot of a software update

   Description automatically generatedThe next step will verify the products to be installed and once “Next” is pressed, installation will begin. Press “Next” to proceed.
8. Screens screenshot of a computer

   Description automatically generatedInstallation will now begin. Please wait for it to finish before proceeding. The screen may flash and/or command prompts may appear. This is normal.