

The following instructions will assist in updating the necessary files and Onyx drivers within the Niagara Workbench for a software installation into any of the JENEsys Edge® product line. This includes the JENEsys Edge 534, 514, 414, 534-4G, 534 Monnit, and Onyx XM 34IO.

BEFORE PROCEEDING

Updating a JENEsys Edge product requires:

- (1) Downloading and installing the latest files from <https://resources.lynxspring.com/>
- (2) Performing a separate action to update firmware. This process is described below.

Estimated time: 3 minutes per JENEsys controller, 3 minutes per connected XM module

1. File Placement Within the Niagara Workbench

With the ProBuilder Workbench closed, copy the following files as directed to the locations listed below.

1. All files in the downloaded **OnyxDrivers** folder copy to:
C:\JENEsys\JENEsys-ProBuilder-N4.XX.x.xx\modules (Replacing any previous versions)
2. All files in the downloaded **CleanDist** folder copy to:
C:\JENEsys\JENEsys-ProBuilder-N4.XX.x.xx\cleanDist (Replacing any previous versions)
3. All files in the downloaded **CoreFiles** folder must be in the following directory:
Use the WorkbenchUserHome shortcut in the root of the Niagara directory. This will lead you to:
C: Users\[your username]\Niagara4.XX\JENEsys\
4. Once here, *Navigate to the sw\inbox folder and place all of the CoreFiles in this directory.*

Restart the Niagara Workbench, connect to the Edge Device, and perform a commissioning. All files necessary will now be available for installation and/or a version upgrade.

2. Commission the JENEsys Edge Device

Commission the Edge Device with the following options selected:

- *Install/upgrade core software from distribution files*
- *Upgrade All Out of Date [modules] including:*
 - onyxxDriver-rt.jar
 - platOnyxx-rt.jar

NOTE

An Onyxx Update is required after the commissioning process completes. This update is initiated by unhiding a hidden action slot on the Onyxx Network in a running Station. A Station must be installed, whether you leave an existing Station on the device, transfer one during the commissioning process, or transfer one later using Station Copier.

3. Unhide the 'RunOnyxxUpdates' Action

1. Connect to a running Station on the target Edge Device with an enabled **OnyxxNetwork**.
2. In the Driver Manager view or the Nav Tree, right-click on the **OnyxxNetwork** and select Views > Slot Sheet
3. Unhide the **RunOnyxxUpdate** slot by:
 - Highlighting the **RunOnyxxUpdate** slot
 - Right-clicking **Config Flags** uncheck "**Hidden**"

ALERT

Consider the following notes before continuing:

- Interrupting the action will likely cause damage to the device.
- If the Edge Device has Onyxx Extender Modules (XM) connected
- All outputs will be set to '0' and Niagara will be temporarily unavailable to control your system

4. Update the JENEsys Edge Device

In the Driver Manager view, or in the Nav Tree, right-click the **OnyxxNetwork** and select Actions > Run Onyxx Updates

Monitor the progress of the update in ProBuilder at: [Target host] **Platform > Application Director** to avoid interrupting the update.

Special Note: There are two processes which may be needed. The *File System Update* and *Firmware Update*. The process is complete when you see:

"-----> All Onyxx Upgrade Processes Have Completed <-----"

<<Reboot Required>>