

# SensorView 9.0

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## Replace and Offline Programming Tutorial



# Example 1

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**Replacing a device with one of same type or equal functionality**



# Step 1: Identify the Offline Device to Replace

In this case, the nEPP5 D KO LT is offline and will be replaced with an nSP5 D. The orange warning banner will indicate the device is offline.

**WARNING** SensorView has lost contact with this device.  
Please ensure the device is plugged in to the nLight network.

Note the nEPP5 D KO LT is labeled **LOAD 2** with a 50 Watt load.

The screenshot shows the nLight SensorView web interface. At the top, there is a navigation bar with 'Admin', 'Log', and 'Overview' buttons. The main content area features a 'Find devices' sidebar on the left and a central panel for device details. A prominent orange warning banner at the top right states: 'WARNING SensorView has lost contact with this device. Please ensure the device is plugged in to the nLight network. Or remove this device Remove'. Below the warning, the 'Basic info' section for the device 'nEPP5 D (006F5165)' is visible, showing: ID: 0077881A, Firmware Version: F346A227Z-012 / B346A003E, Label: Load 2, Notes: (empty text area), and Load: 50 Watts. A 'Save' button is located below the load field. To the right of the details is an image of the nEPP5 D KO LT device. At the bottom of the interface, it says 'COMMISSIONING MODE'.

This is a close-up of the 'Basic info' section from the screenshot. It contains the following information: ID: 0077881A, Firmware Version: F346A227Z-012 / B346A003E, Label: Load 2 (in a text input field), Notes: (in a text area), and Load: 50 Watts (with a 'Save' button below it).

# Step 2: Copying the Settings

To perform the replace operation, select the new device (nSP5 D) and go to its **Properties**, as shown on the right.

**Properties**

From the **Output Controls** section, select the device being replaced (nSP5 D) from the dropdown. From the **Device Replacement** section, click:

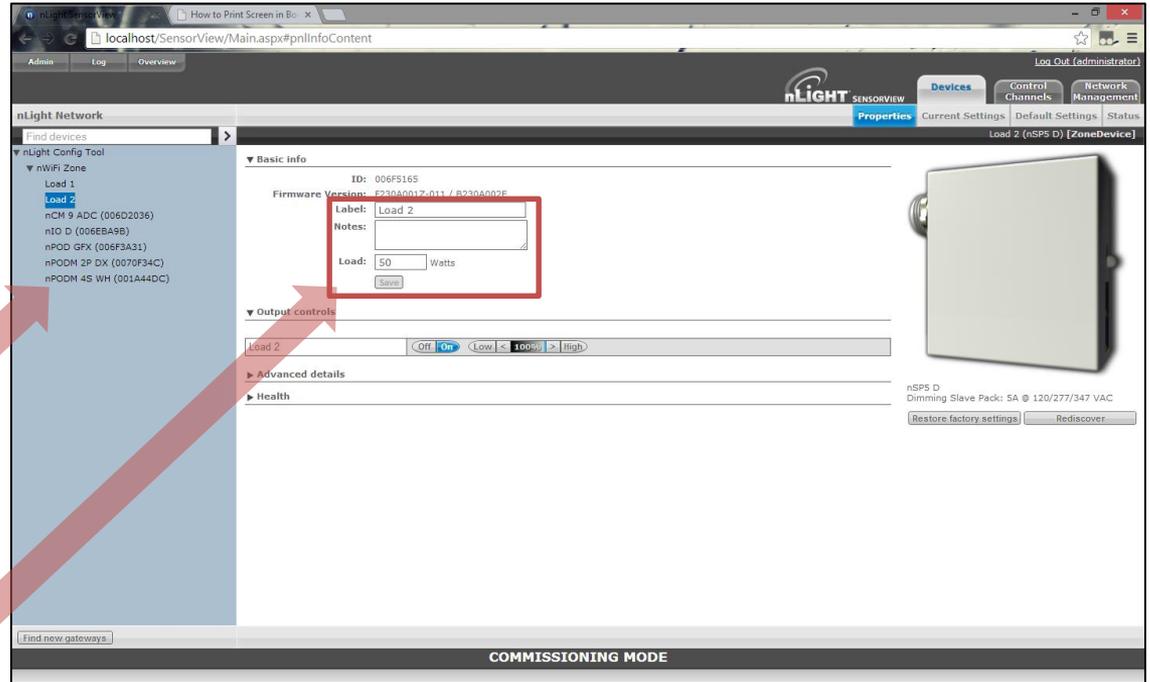
**Copy programming & replace**

The screenshot displays the nLight SensorView web interface. The browser address bar shows 'localhost/SensorView/Main.aspx#pnInfoContent'. The interface includes a navigation menu with 'Admin', 'Log', and 'Overview'. The main content area is titled 'nLight Network' and features a 'Find devices' search bar. A list of devices is shown on the left, with 'nSP5 D (006F5165)' selected. The right-hand side of the interface shows the configuration page for this device, with sections for 'Basic info', 'Output controls', and 'Device replacement'. The 'Output controls' section has a dropdown menu set to 'nSP5 D (006F5165)'. The 'Device replacement' section has a 'Copy programming & replace' button highlighted. A physical nSP5 D device is shown on the right side of the interface. The bottom of the interface displays 'COMMISSIONING MODE'.

# Step 3: Verifying the Settings

All programming within the old device should now be copied to the new one, including, but not limited to:

- Updating Scene Configuration
- Profile Membership
- Settings
- Labels
- Loads



Note: the **nEPP** is automatically deleted from the system database after the replacement.

Note: the **Load 2** label and **50 Watts** Load settings carried over.



# Example 2

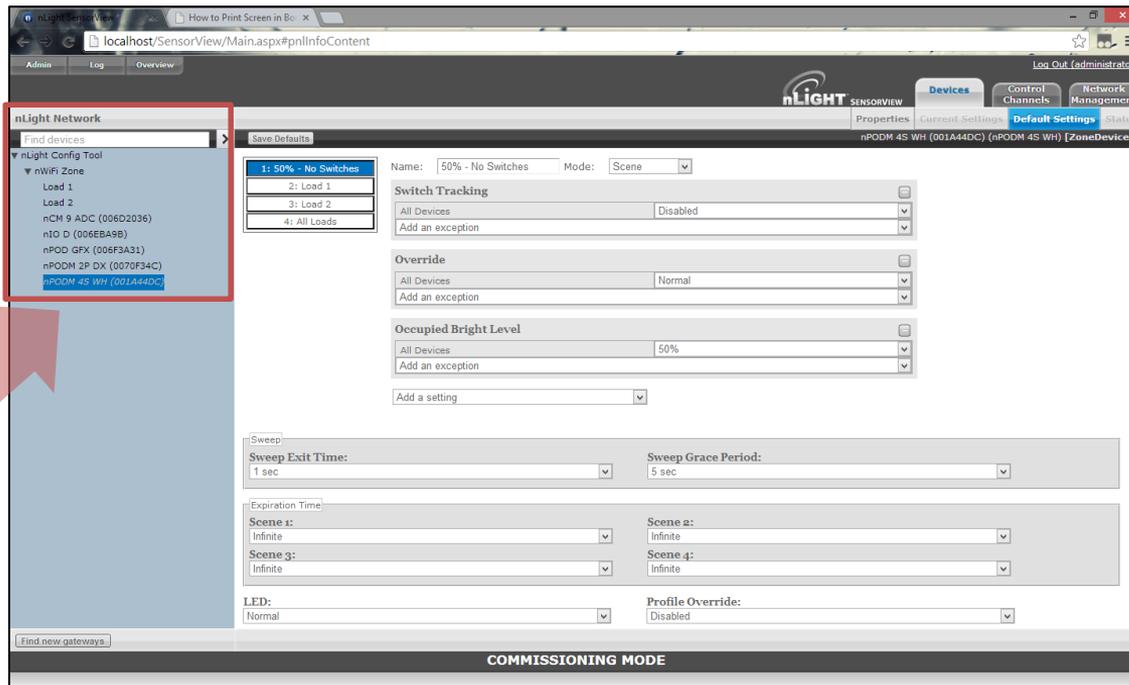
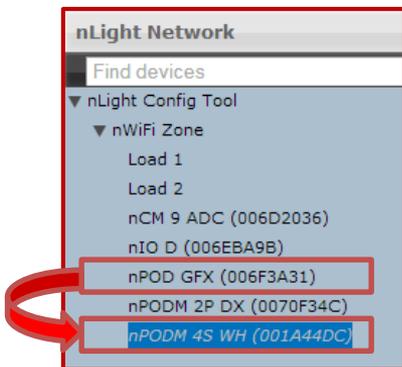
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**Replacing a device with one of a different type**



# Step 1: Identify the Offline Device to Replace

Here, we will replace an offline nPODM 4S with an nPOD GFX.



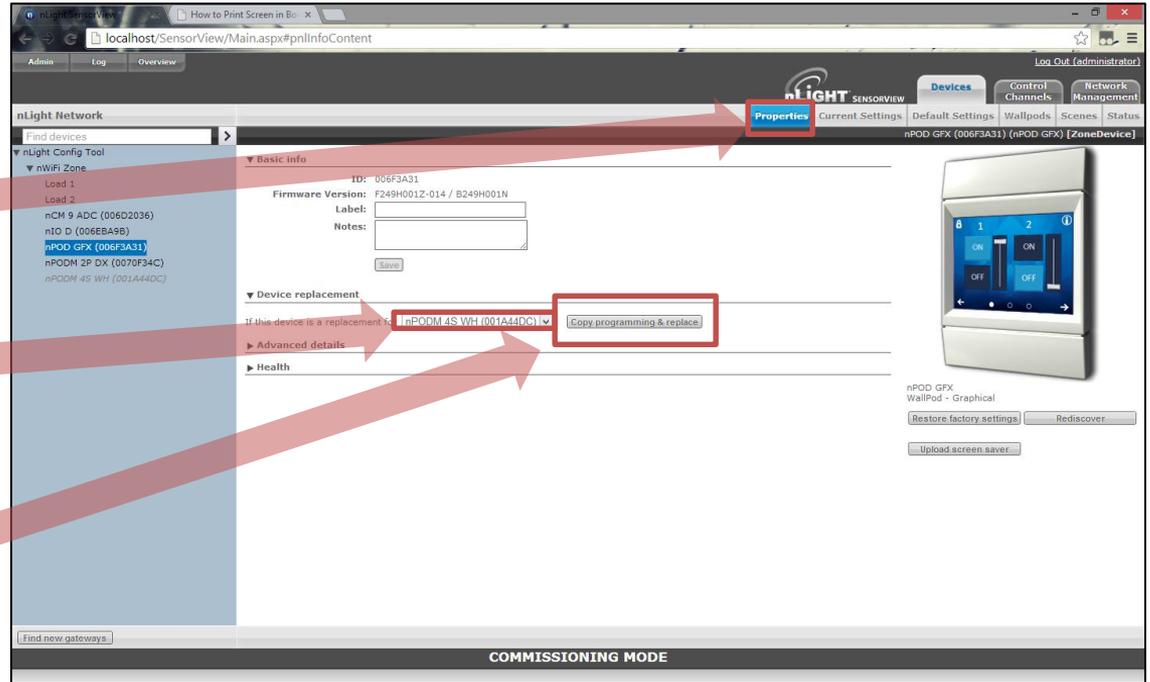
# Step 2: Copying the Settings

To perform the replace operation, select the new device (nPOD GFX) and go to its **Properties**, shown on right.

**Properties**

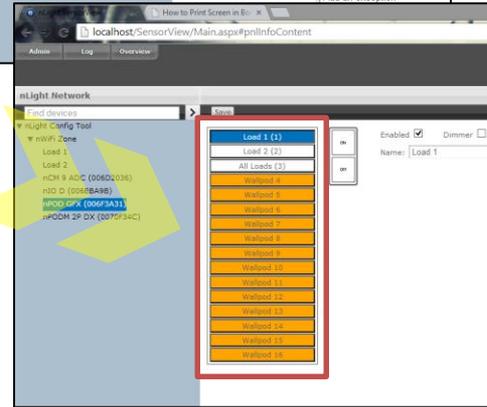
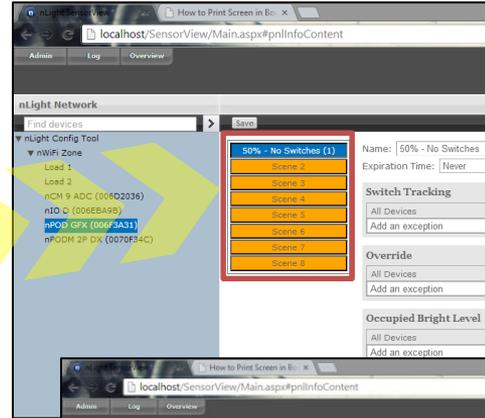
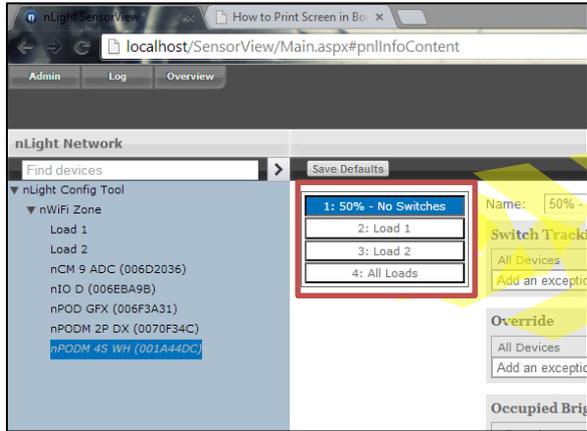
From the **Device Replacement** section, select the device being replaced (nPODM 4S) from the dropdown. Then, click:

**Copy programming & replace**



# Step 3: Verifying the Settings

Note that after replace, all scenes copy over to new device.



All buttons in WallPod mode are also copied over.

# Example 3

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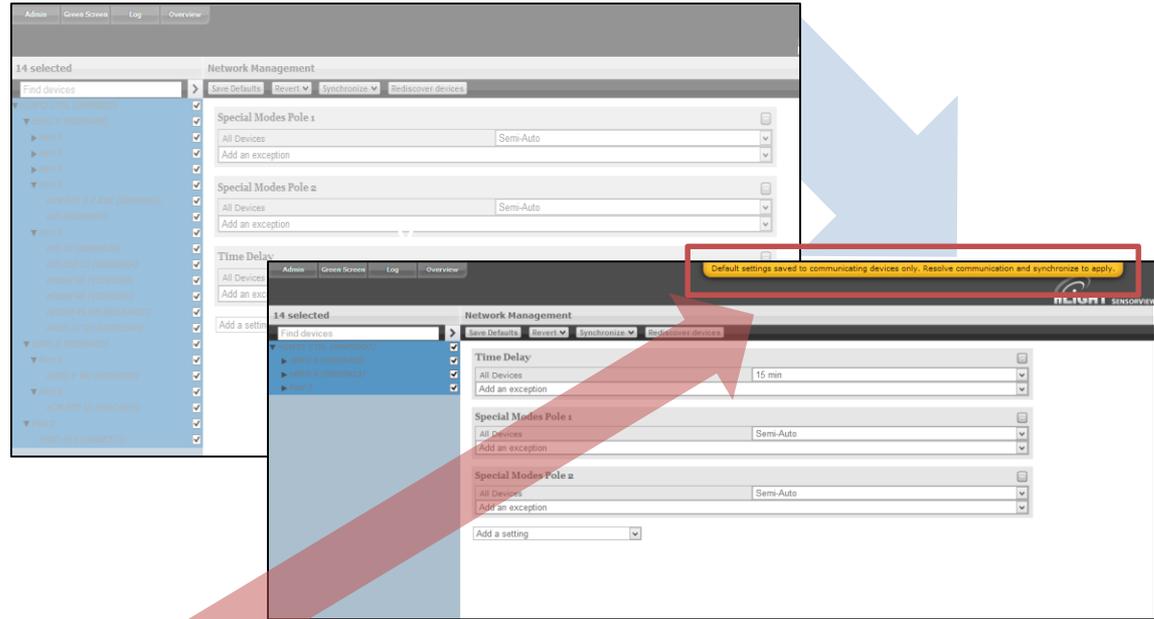
## Programming Changes on Offline Devices



# Example 3: Programming Changes on Offline Devices

It is now possible to make programming changes while devices are offline, and synchronize them later. Changes can be made on the default settings page, Network Management tab, or Profiles tab.

As changes are made, SensorView will indicate that the network needs to be reconnected before the changes will apply.



Default settings saved to communicating devices only. Resolve communication and synchronize to apply.

# Example 3: Programming Changes on Offline Devices

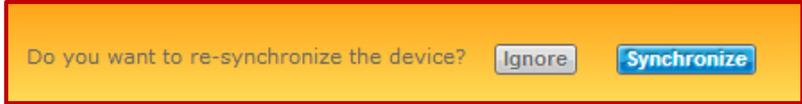
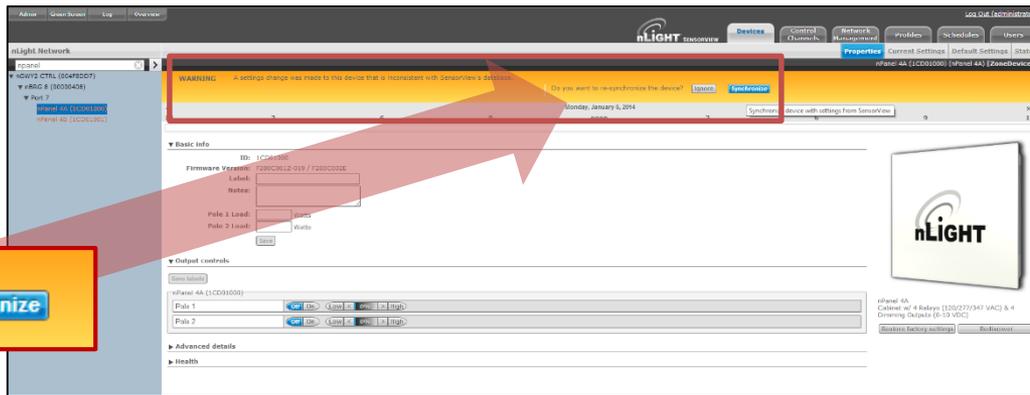
As changes are made, the offline devices will enter a mismatched state, indicating that there are outstanding changes needing to be synchronized.

The screenshot displays the nLIGHT network management interface. On the left, a tree view shows a network structure with a device labeled 'Mismatched'. A red box highlights a yellow warning banner at the top of the device's configuration page. The warning text reads: 'WARNING: This device cannot be contacted and seems to have had a settings change. Please ensure the device is plugged in, then synchronize or ignore the changes.' Below the warning, the device's configuration details are visible, including 'Basic info' (ID: 00004FD1, Firmware Version: F183602S2-013 / F1836002E), 'Output controls', 'Advanced details', and 'Health'. A red arrow points from the warning banner to a larger, magnified version of the warning text in a yellow box at the bottom left of the slide.

**WARNING** This device cannot be contacted and seems to have had a settings change. Please ensure the device is plugged in, then synchronize or ignore the changes.

# Example 3: Programming Changes on Offline Devices

Changes made can be synchronized, after devices have been reconnected, by going to the device's properties page and selecting "Synchronize"



Multiple devices can be synchronized at once by going to **Network Management**, then selecting "from SensorView" from the **Synchronize** dropdown

