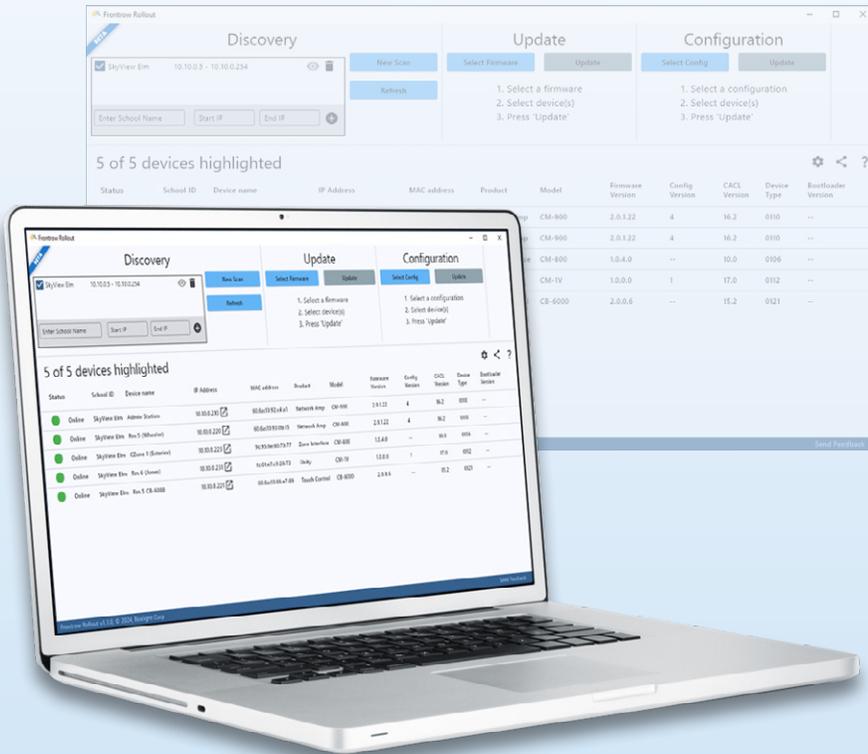


Rollout™



Quick Start Guide

Rollout Quick Start Guide

Welcome to **FrontRow Rollout**. This local Windows application enables IT administrators to discover, configure, and update FrontRow hardware.

This document, while not exhaustive, will help you start.

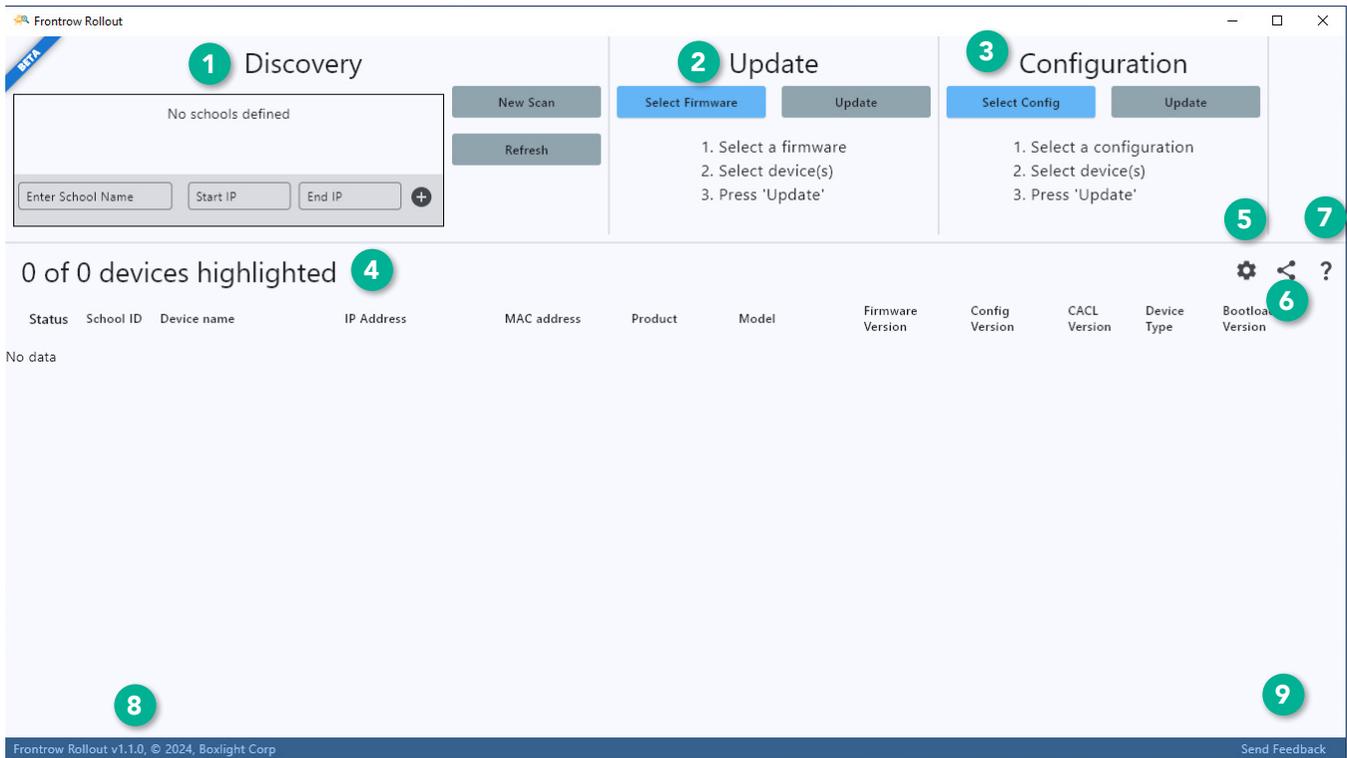
Getting Started

If you have not already downloaded and installed the software, please visit the Boxlight Support page to download your copy. [Click Here](#). Look for **Rollout**. Once downloaded, please install the application, and finally launch the application.

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Rollout Screen Sections



- 1 Discovery** This section maintains the list of schools.
- 2 Update** This section allows you to update firmware on selected FrontRow hardware.
- 3 Configuration** This section allows you to push configuration files to selected FrontRow hardware.
- 4 Device List** This section displays the status of the device.
- 5 Settings** This link opens the “Show Column” window allowing you to choose which columns to view.
- 6 Export Device List** The link creates a CSV file showing the data available in the Device list.
- 7 External Help** This link will open your web browser to the Rollout application support website.
- 8 Version Number** This section shows the version of the Rollout application running on your computer.
- 9 Send Feedback Link** This link will open a window that allows you to provide feedback about the Rollout application.
NOTE: *We do appreciate your input helping us improve our software.*

Adding schools to the Discovery list

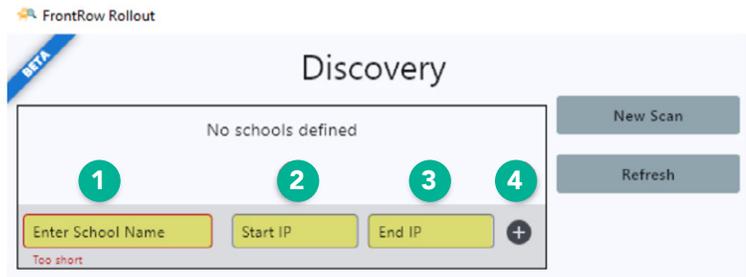
In this section, you will learn to add one and then a second school network to Rollout.

Adding the first school

To get started, you will need the subnet you wish to scan.

NOTE: *The smaller the range, the faster the scanning process will be completed.*

1. In the **School Name** field, type the name of the school.
2. In the **Start IP** field, type the start of the address range to be scanned.
3. In the **End IP** field, type the last address in the range to be scanned.
4. Click the **(+)** plus sign to add the school to the **Discover** list.



5. Click the check box left of the school's name.

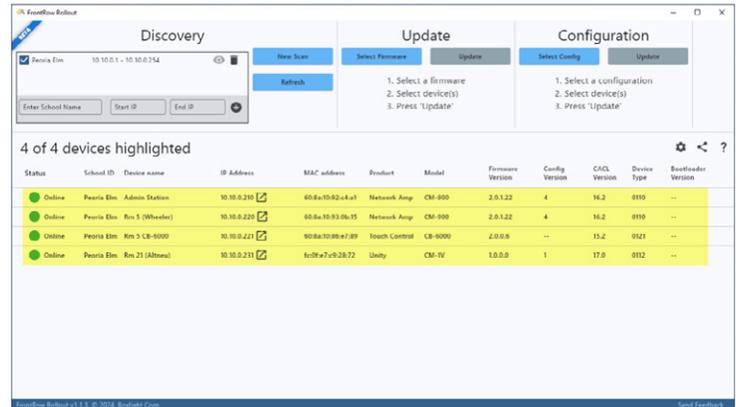
NOTE: *If the check box is not checked, the **New Scan** and **Refresh** buttons will not be active.*

The buttons will turn blue when active.

6. Click the **New Scan** button.

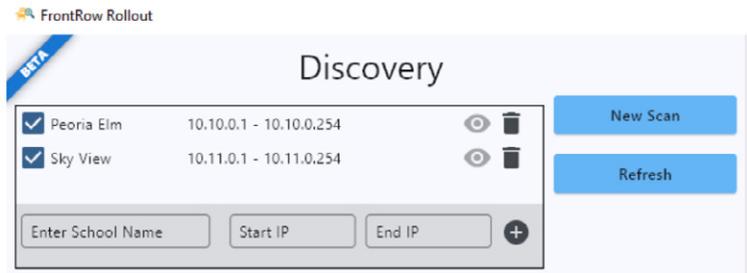


The Rollout app will scan the network and return a list of FrontRow hardware.



Adding the second school

1. The steps to adding a second school are exactly like adding the first school.
2. However, scanning with more than one school in the list is different!
Review section **New Scan vs Refresh**.
3. Review steps 1 - 4 in **Adding the first school** section.



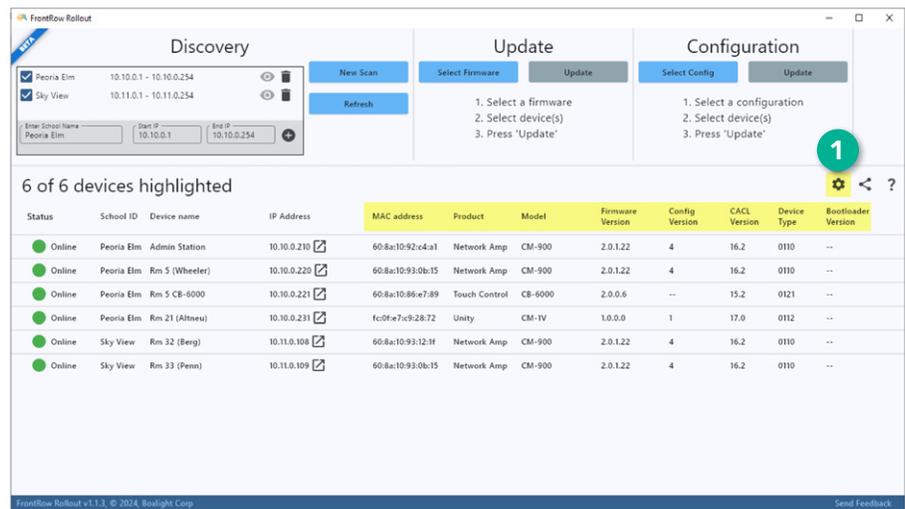
NOTE: *If desired, you may add additional schools at this time.*

Settings

The Settings link allows you to change which columns are shown in the device list. Columns shown in *italic* may be removed from view.

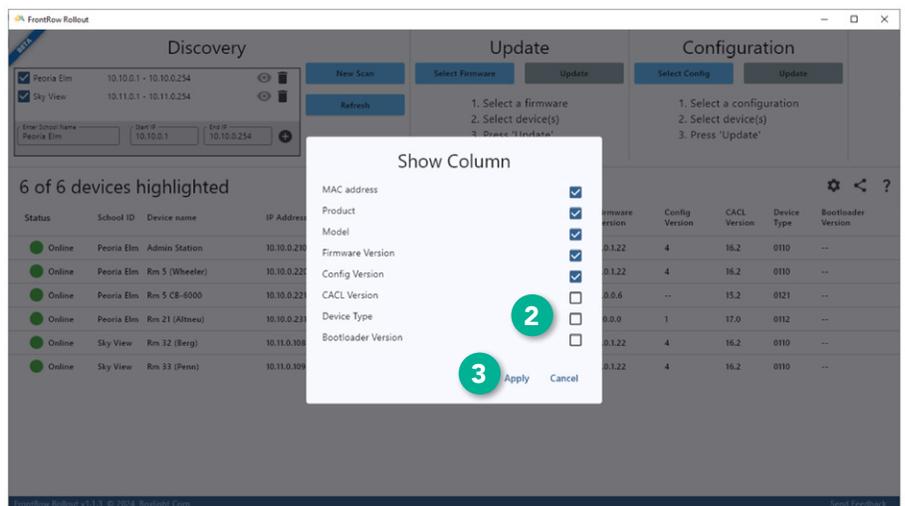
- School
- Device name
- IP address, (with a link to the device)
- MAC address
- *Product name*
- *Model*
- *Firmware*
- *Configuration version*
- *CACL version*
- *Device type*
- *Bootloader*

1. Click the **Settings** cog wheel.



2. Select or deselect the columns you wish to view or hide.

3. Click the **Apply** button.



The image on the right shows the devices highlighted list with fewer columns.

The screenshot shows the FrontRow Rollout software interface. At the top, there are three main sections: Discovery, Update, and Configuration. The Discovery section shows a list of devices with checkboxes and IP ranges. The Update section has buttons for 'Select Firmware' and 'Update', with instructions: '1. Select a firmware', '2. Select device(s)', '3. Press 'Update''. The Configuration section has buttons for 'Select Config' and 'Update', with instructions: '1. Select a configuration', '2. Select device(s)', '3. Press 'Update''. Below these sections, a table shows '6 of 6 devices highlighted'. The table has columns for Status, School ID, Device name, IP Address, MAC address, Product, Model, Firmware Version, and Config Version. All devices are marked as 'Online'.

| Status | School ID | Device name | IP Address | MAC address | Product | Model | Firmware Version | Config Version |
|--------|------------|----------------|-------------|-------------------|---------------|---------|------------------|----------------|
| Online | Peoria Elm | Admin Station | 10.10.0.210 | 60:8a:10:92:c4:a1 | Network Amp | CM-900 | 2.0.1.22 | 4 |
| Online | Peoria Elm | Rm 5 (Wheeler) | 10.10.0.220 | 60:8a:10:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 |
| Online | Peoria Elm | Rm 5 CB-6000 | 10.10.0.221 | 60:8a:10:86:e7:89 | Touch Control | CB-6000 | 2.0.0.6 | -- |
| Online | Peoria Elm | Rm 21 (Altneu) | 10.10.0.231 | fc:0fe7:c9:28:72 | Unity | CM-IV | 1.0.0.0 | 1 |
| Online | Sky View | Rm 32 (Berg) | 10.11.0.108 | 60:8a:10:93:12:1f | Network Amp | CM-900 | 2.0.1.22 | 4 |
| Online | Sky View | Rm 33 (Penn) | 10.11.0.109 | 60:8a:10:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 |

FrontRow Rollout v1.1.3, © 2014, Roadlight Corp. Send Feedback

Discovery

Rollout allows you to scan and save multiple schools for future use.

Understanding the icons

Check box - The check box located to the right of the school's name activates that school in the Rollout app. Only **selected** schools will be scanned when the **New scan** and **Refresh** action buttons are pressed. It is very important to understand the difference between a **New Scan** and a **Refresh**.

New Scan button

When the **New Scan** button is pressed, the Rollout application will scan the range of IP addresses. The application will return a list of FrontRow devices active on the network at that moment in time.

NOTE: Pressing the **New Scan** button a second time will erase the current list, then return a new list of FrontRow of devices on the network.

Refresh button

When the **Refresh** button is pressed, the Rollout application will rescan devices currently listed.

View, (eye) Icon – The View icon will hide, (filter), the school's devices from view. It is important to understand, a selected, (checked) school cannot be hidden.

Trash Icon – The trash icon will allow a school to be removed from the discovery list in the Rollout application as well as any devices assigned to the school.

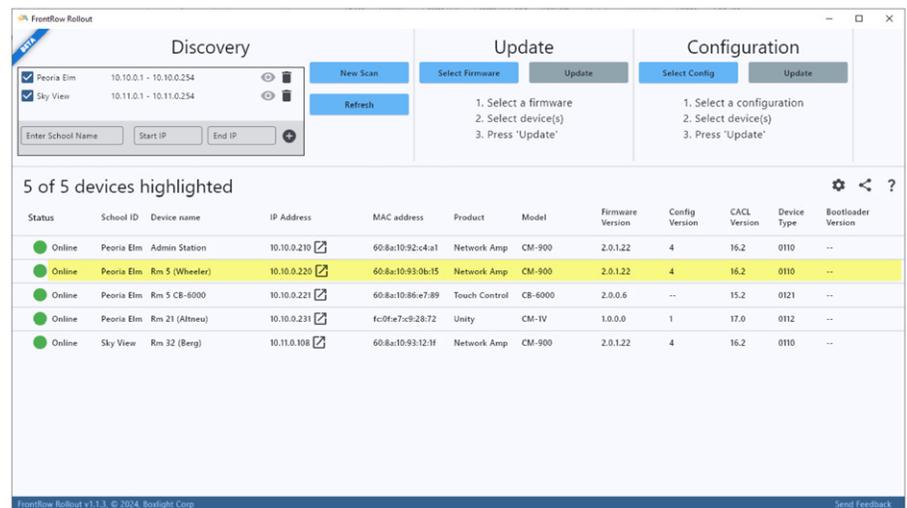
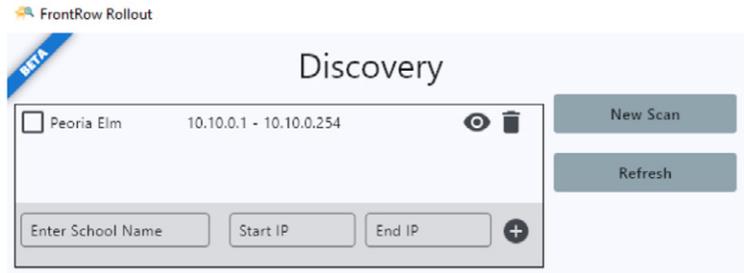
NOTE: Any device associated with the deleted school will also be deleted.

New Scan vs Refresh

The image below shows two active schools. Peoria Elm has four devices online and Sky View Elm has one device online. This example will demonstrate the difference between the **New Scan** and **Refresh** buttons when a device is online and offline.

In the following images, focus on Peoria Elm, device IP 10.10.0.220.

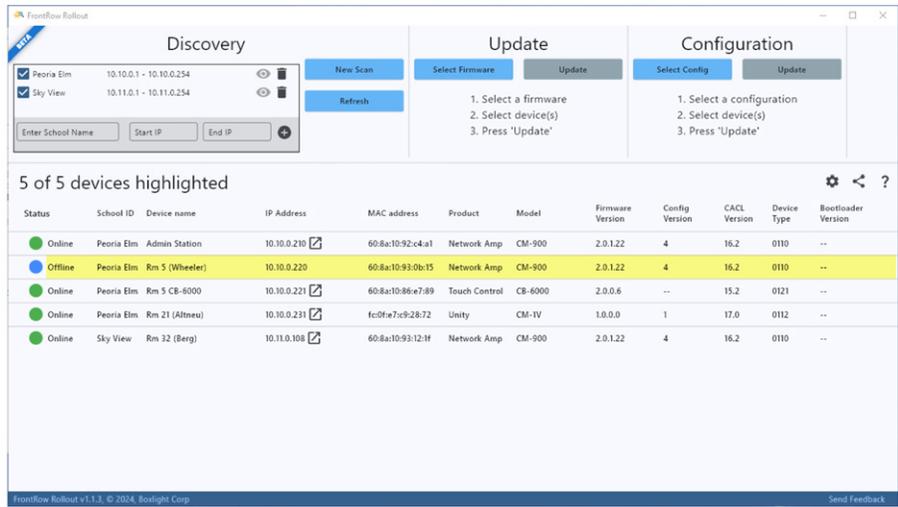
Note the device displayed as Online and the dot is green.



In this example, the device is Offline.

Pressing the **Refresh** button, the application scanned devices displayed in the list.

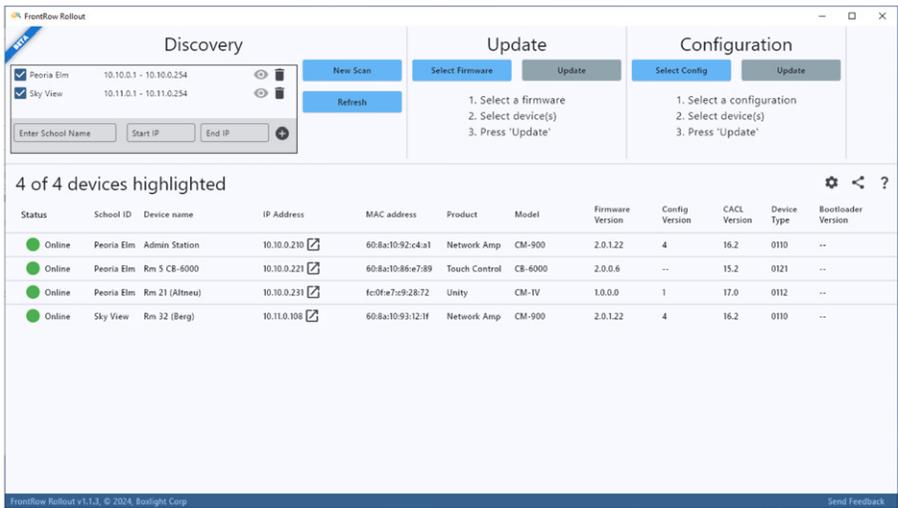
The device is displayed as Offline, and the dot is blue.



In this example, the device has been removed from the list.

Pressing the **New Scan** button the application cleared the list, then scanned the network displaying a new list.

The device was Offline; therefore, the device is not included in the new list.

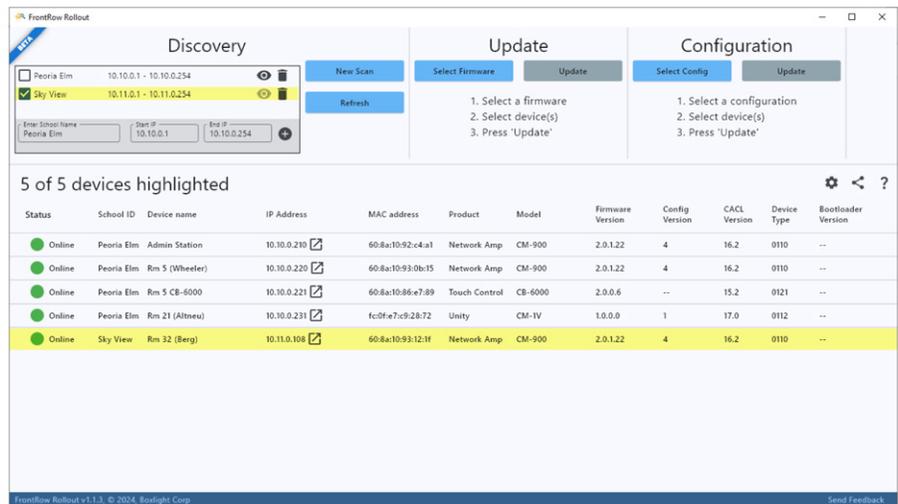


Scanning a single school

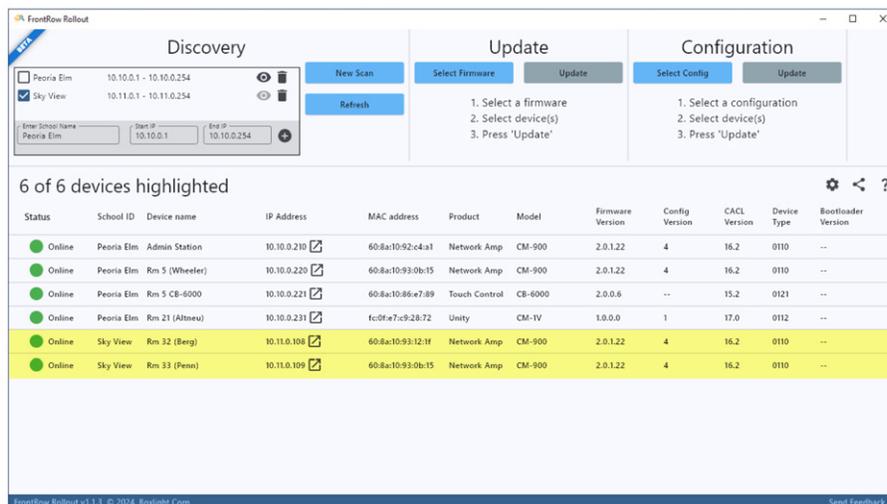
In this example, the Rollout app has two schools listed. A new scan is required for Sky View Elm. Pressing the **New Scan** button will erase the devices in the list for the active school.

Sky View Elm is set to active by checking the box.

NOTE: Sky View only has one device before the **Refresh** button is pressed.



Once the scan of the school is complete, a new device IP address 10.11.0.109 is now shown in Sky View Elm.



Hiding, (filtering), a school

In this example, Peoria Elm will hide, (filtered), in the devices highlighted list.

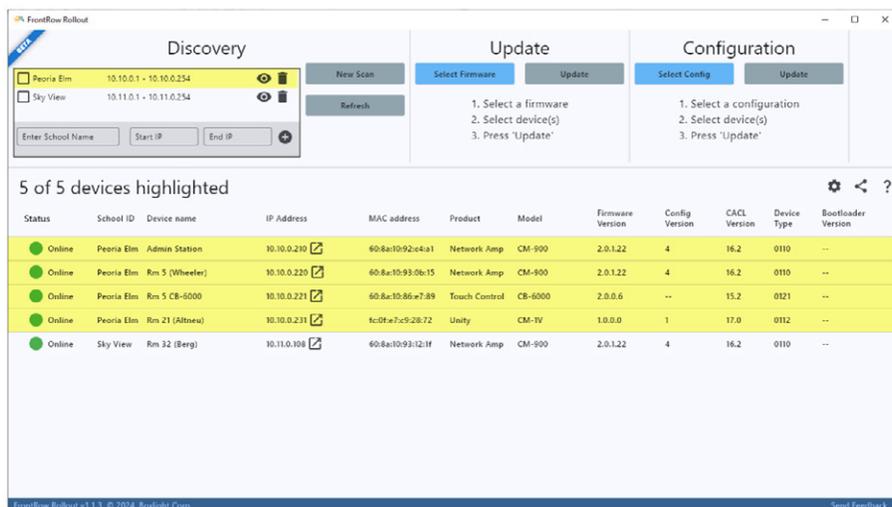
Please note, the school(s) must not be active for the view icon to be active.

In this example, Peoria Elm will be hidden, (filtered), from viewing the devices in the highlighted list.

The **check box** has been set to blank.

The **view icon** is active.

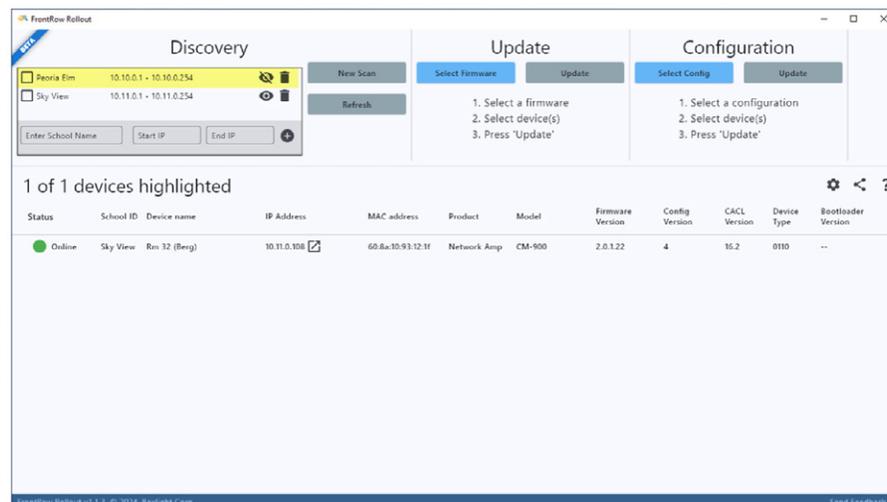
The next screen will show the devices from Peoria Elm hidden, (filtered).



The screen right shows only Sky View devices.

Peoria Elm devices have been hidden.

Click the **view** icon to display the hidden devices. (Not shown)



Firmware Update

The Rollout application allows you to update firmware on one or many FrontRow devices at a time. The following instructions will step you through the process of updating a CM-900. The process is the same for the other supported FrontRow devices.

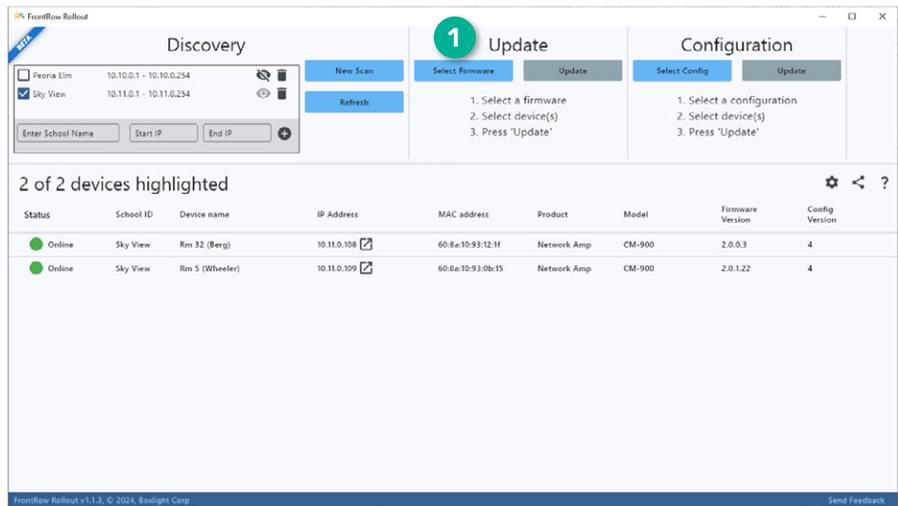
NOTE: When updating the firmware on the following devices: CM-900, Juno Connect and the Smart Receiver (ICR), the configuration will be overwritten. It is highly recommended you download the configuration file from these devices prior to updating the firmware.

Supported Devices:

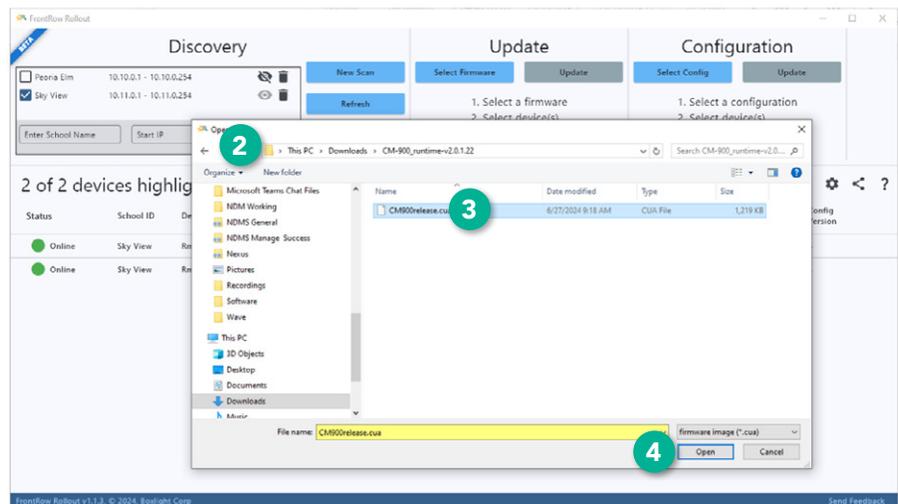
- UNITY
- CM-900
- Juno Connect
- Smart Receiver (ICR)

In this example, Sky View has a CM-900 running an older version of firmware which will be updated using the Rollout app.

1. In the Update section of the screen, click the **Select Firmware** button.

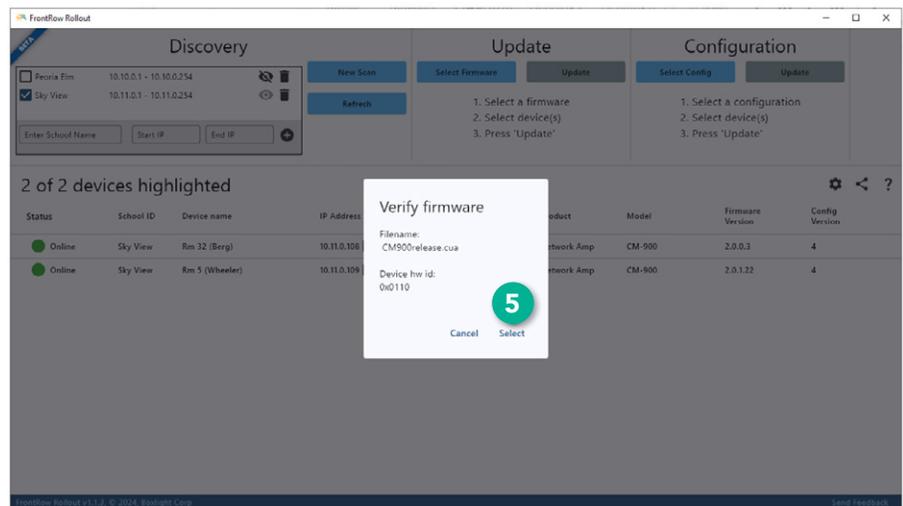


2. In the **Open** dialog box, navigate to the new firmware file.
3. Double click the file and verify the file is listed in the **File name** field.
4. Click the **Open** button.



- In the **Verify firmware** window, verify the File name matches the desired firmware.

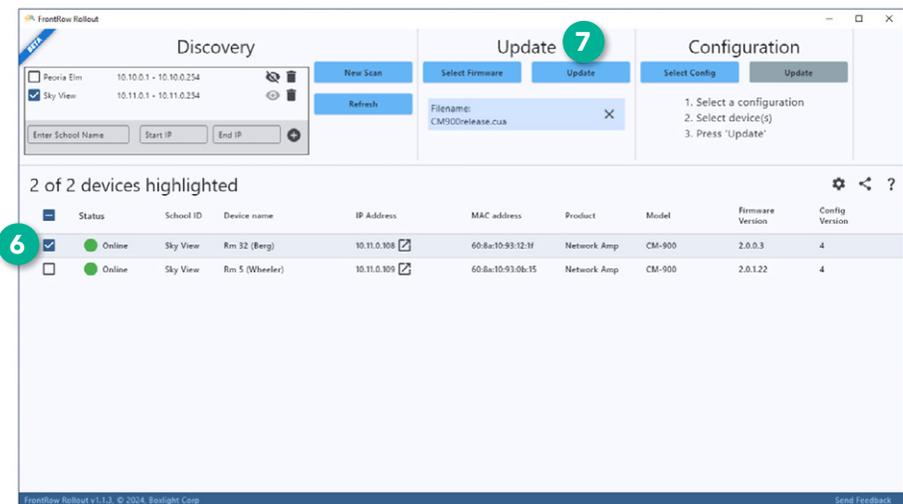
Click the **Select** link.



NOTE: The Rollout application will show all devices in the list.

Only devices that match the selected firmware will be active.

- Check the box next to the device you wish to update.
- Click the **Update** button.

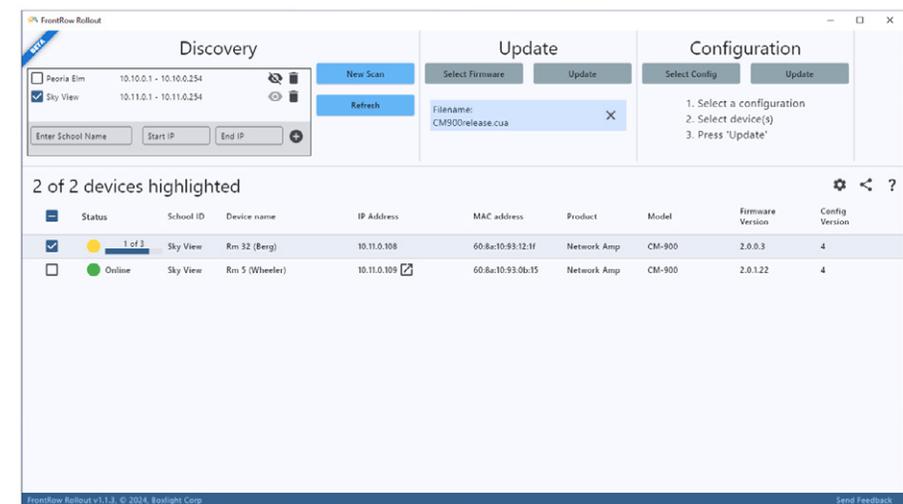


Please wait patiently while the software performs the following tasks:

- Download the current configuration.
- Upload the firmware.
- Upload the configuration.

NOTE: Any format conversions needed are currently performed for UNITY only. Otherwise, if the configuration format has not changed, the upload should work on any device.

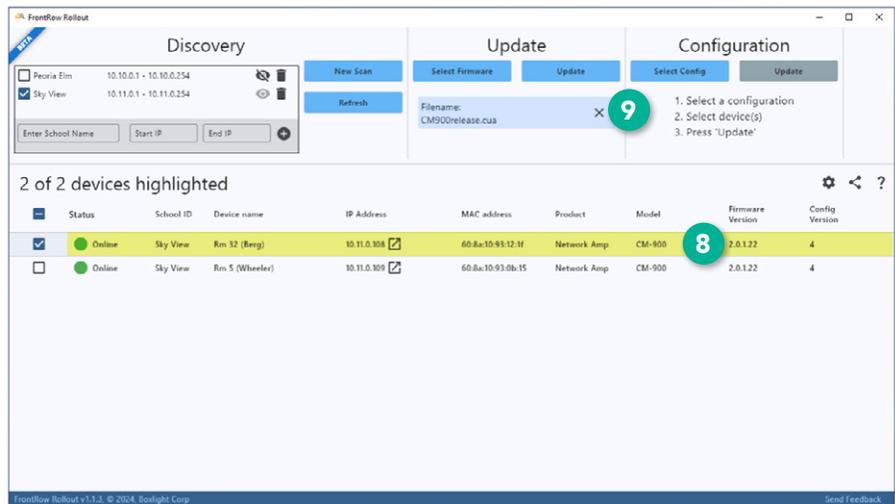
- Reboot the device.



8. Verify the device shows the correct firmware.

9. Click the **X** next to the firmware to remove it from the Update list.

NOTE: If updating CM-900, Juno Connect, or ICR, remember to check the configuration on those devices and update as necessary.



Configuration Update

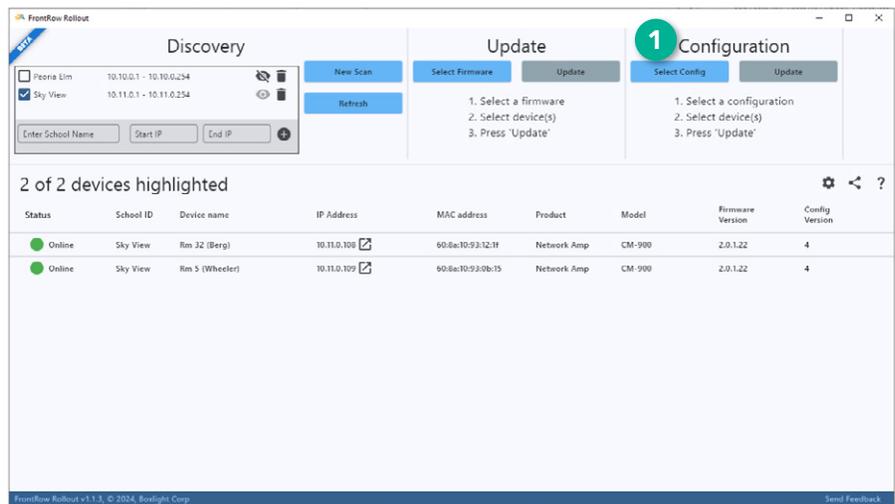
The Rollout app allows you to update the configuration on one or many FrontRow devices at a time. The following instructions will step you through the process of updating a CM-900 device. The process is the same for the other supported FrontRow devices.

Supported Devices:

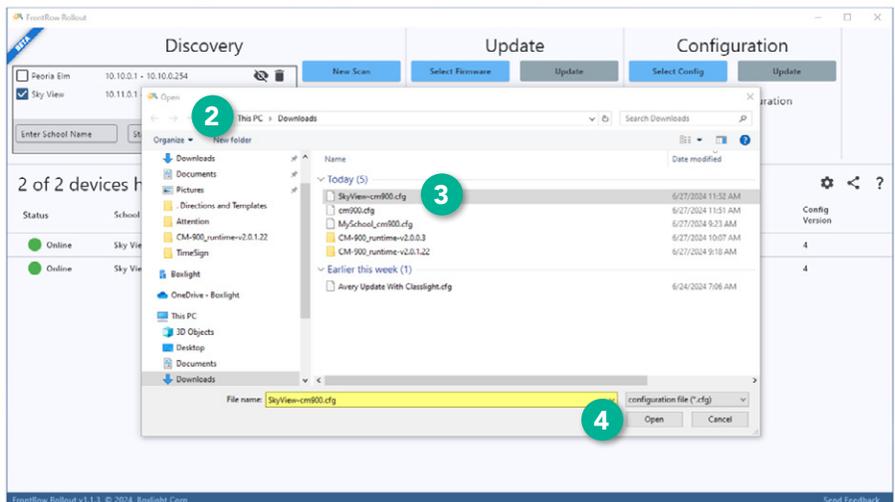
- UNITY
- CM-800
- CM-900
- Juno Connect
- ICR

In this example, Sky View Elm has two CM-900 devices that will receive a new configuration file.

1. In the **Configuration** section of the screen, click the **Select Config** button.

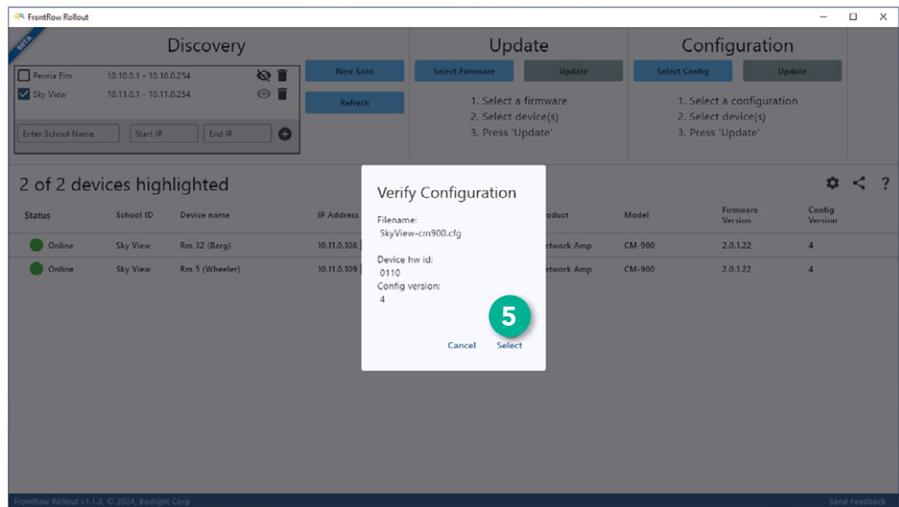


2. In the **Open** dialog box, navigate to the new configuration file.
3. Double click the file and verify the file is listed in the **File name** field.
4. Click the **Open** button.



- In the **Verify Configuration** window, verify the Filename matches the desired configuration.

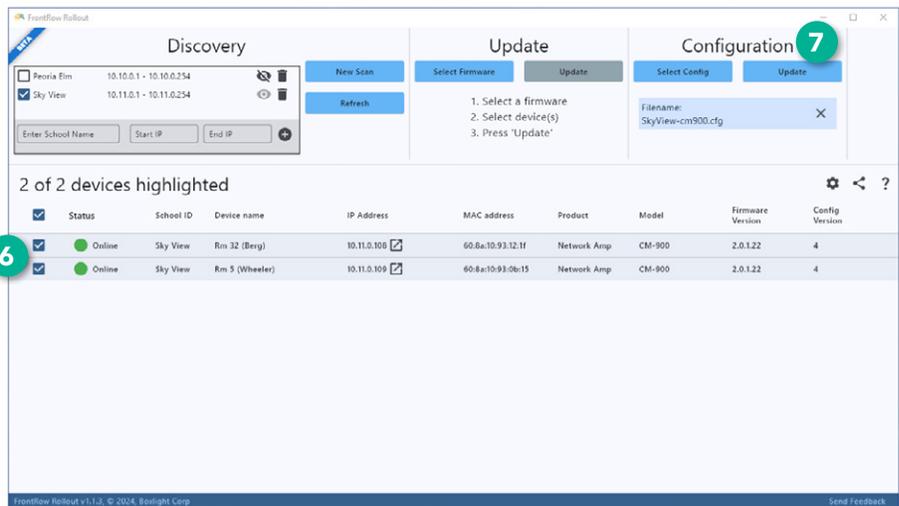
Click the **Select** link.



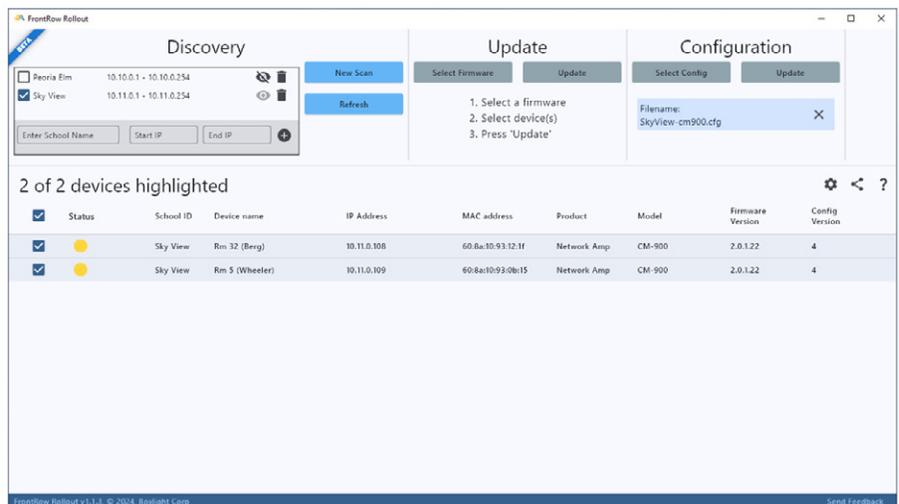
NOTE: The Rollout application will show all devices in the list.

Only devices that match the selected configuration will be active.

- Check the box next to the device(s) you wish to update.
- Click the **Update** button.



Please wait patiently while the software updates each device.



- Once all devices display a green dot and show the status as Online you may click the **X** next to the configuration file to remove it from the Configuration list.
- Click the link to open one of the devices and verify the expected configuration is present.

The screenshot displays the Frontflow Rollout software interface. It is divided into three main sections: Discovery, Update, and Configuration. The Discovery section shows a list of devices with checkboxes and IP ranges. The Update section has buttons for 'New Scan', 'Refresh', 'Select Firmware', and 'Update', along with a numbered list of steps. The Configuration section has buttons for 'Select Config' and 'Update', and a text field for 'Filename' with a close button (X) marked with a red circle '8'. Below these sections is a table titled '2 of 2 devices highlighted' with columns for Status, School ID, Device name, IP Address, MAC address, Product, Model, Firmware Version, and Config Version. The first two rows of the table are highlighted, and the IP address of the first row is marked with a red circle '9'. The footer of the interface includes 'Frontflow Rollout v1.1.1.0 © 2024, Baslight Corp' and a 'Send Feedback' link.

| ✓ | Status | School ID | Device name | IP Address | MAC address | Product | Model | Firmware Version | Config Version |
|---|--------|-----------|----------------|-------------|-------------------|-------------|--------|------------------|----------------|
| ✓ | Online | Sky View | Rm 32 (Berg) | 10.11.0.108 | 60:8a:90:93:12:1f | Network Amp | CM-900 | 2.0.1.22 | 4 |
| ✓ | Online | Sky View | Rm 5 (Wheeler) | 10.11.0.109 | 60:8a:90:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 |

Export Device List

The Rollout application provides the option to export a list of devices.

NOTE: The export tool exports all columns and all devices in all schools.

1. Click the **Export device** list icon.
2. Click the **Copy path** link in the lower right corner of the screen.

The screenshot shows the Rollout application interface. At the top, there are three main sections: Discovery, Update, and Configuration. The Discovery section shows a list of devices with checkboxes for selection. Below this, there are buttons for 'New Scan', 'Refresh', 'Select Firmware', 'Update', 'Select Config', and 'Update'. The Update and Configuration sections contain instructions for selecting firmware and configurations. A red circle with the number '1' highlights the 'Export device' icon in the top right corner of the Discovery section. Below the instructions, a table shows '6 of 6 devices highlighted'. The table has columns for Status, School ID, Device name, IP Address, MAC address, Product, Model, Firmware Version, and Config Version. A red circle with the number '2' highlights the 'Copy path' button in the bottom right corner of the interface.

| Status | School ID | Device name | IP Address | MAC address | Product | Model | Firmware Version | Config Version |
|--------|------------|-----------------|-------------|-------------------|---------------|---------|------------------|----------------|
| Online | Peoria Elm | Admin Station | 10.10.0.210 | 60:8a:10:92:c4:a1 | Network Amp | CM-900 | 2.0.1.22 | 4 |
| Online | Peoria Elm | Rm 5 (Wheeler) | 10.10.0.220 | 60:8a:10:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 |
| Online | Peoria Elm | Rm 5 CB-6000 | 10.10.0.221 | 60:8a:10:86:e7:89 | Touch Control | CB-6000 | 2.0.0.6 | -- |
| Online | Peoria Elm | Rm 21 (Altruus) | 10.10.0.231 | fc:Df:e7:9:28:72 | Unity | CM-1V | 1.0.0.0 | 1 |
| Online | Sky View | Rm 32 (Berg) | 10.11.0.108 | 60:8a:10:93:12:1f | Network Amp | CM-900 | 2.0.1.22 | 4 |
| Online | Sky View | Rm 33 (Penn) | 10.11.0.109 | 60:8a:10:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 |

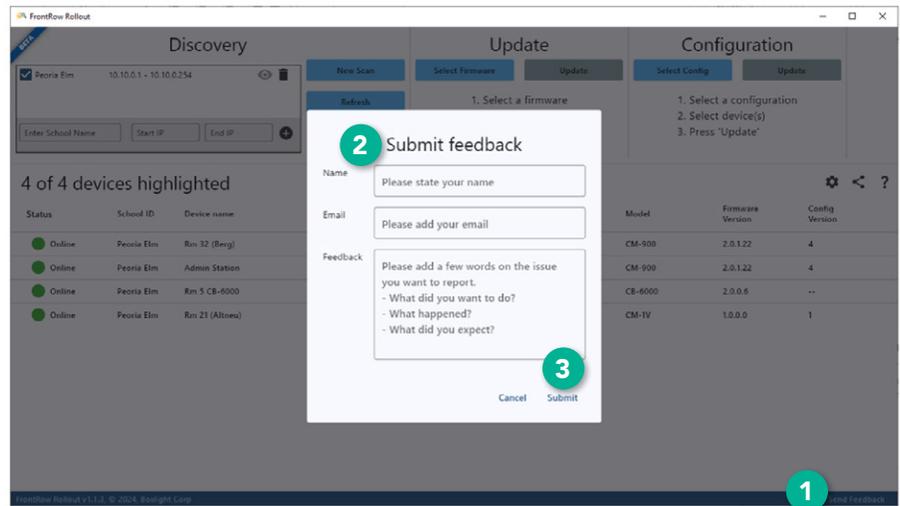
3. Paste the export path in your file explorer window or navigate manually to the **export.csv file.** (not shown)
4. Open the file with your CSV editor.

| | A | B | C | D | E | F | G | H | I | J | K |
|---|------------|-----------------|-------------|-------------------|---------------|---------|----------|------------|--------------|-------------|--------------------|
| 1 | School ID | Device name | IP Address | MAC address | Product | Model | Firmware | Config Ver | CACL Version | Device Type | Bootloader Version |
| 2 | Peoria Elm | Admin Station | 10.10.0.210 | 60:8a:10:92:c4:a1 | Network Amp | CM-900 | 2.0.1.22 | 4 | 16.2 0110 | -- | |
| 3 | Peoria Elm | Rm 5 (Wheeler) | 10.10.0.220 | 60:8a:10:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 | 16.2 0110 | -- | |
| 4 | Peoria Elm | Rm 5 CB-6000 | 10.10.0.221 | 60:8a:10:86:e7:89 | Touch Control | CB-6000 | 2.0.0.6 | -- | 15.2 0121 | -- | |
| 5 | Peoria Elm | Rm 21 (Altruus) | 10.10.0.231 | fc:Df:e7:c9:28:72 | Unity | CM-1V | 1.0.0.0 | 1 | 17 0112 | -- | |
| 6 | Sky View | Rm 32 (Berg) | 10.11.0.108 | 60:8a:10:93:12:1f | Network Amp | CM-900 | 2.0.1.22 | 4 | 16.2 0110 | -- | |
| 7 | Sky View | Rm 33 (Penn) | 10.11.0.109 | 60:8a:10:93:0b:15 | Network Amp | CM-900 | 2.0.1.22 | 4 | 16.2 0110 | -- | |
| 8 | | | | | | | | | | | |

Send Feedback

Your feedback is imperative to improving our software. We welcome and encourage you to click the **Send Feedback** link located in the lower right corner and share your thoughts concerning the Rollout application.

1. Click the **Send Feedback** link.
2. Complete the required fields:
 - a. Name
 - b. Email
 - c. Feedback
3. Click the **Submit** link.





Installer Assistance: www.gofrontrow.com