frontrow by Boxlight®

# **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. <u>Click Here</u>. Look for **Rollout.** Once downloaded, please install the application, and finally launch the application.

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### **Rollout Screen Sections**

| ዳ Froi  | ntrow Rollout  |                                  |                                    |                           |   |                           |                          |                         |                | _2                 |         | ×    |
|---------|--|----------------------------------|------------------------------------|---------------------------|---|---------------------------|--------------------------|-------------------------|----------------|--------------------|---------|------|
| BERK    | 1 Disco  | very                             |                                    | 2                         | Update  |                           | 3 Co                     | onfigur                 | ation          |                    |         |      |
|         | No schools defined                                   |                                  | New Scan                           | Select Firmwa             | re  | Update                    | Select Conf              | ig                      | Update         |                    |         |      |
| Enter   | School Name Start IP E                               | ind IP                           | Refresh                            | 1. S<br>2. S<br>3. F      | elect a firmwa<br>elect device(s<br>ress 'Update' | are<br>5)                 | 1. Se<br>2. Se<br>3. Pre | iguration<br>e(s)<br>e' | 5              |                    | 7       |      |
| 0 0     | of 0 devices highlighte                              | ed 4                             |                                    |                           |   |                           |                          |                         |                | \$                 | <       | ?    |
| Stat    | us School ID Device name                             | IP Address                       | MAC address                        | Product                   | Model   | Firmware<br>Version       | Config<br>Version        | CACL<br>Version         | Device<br>Type | Bootloa<br>Version | a. O    | )    |
|         | 8  |                                  |                                    |                           |   |                           |                          |                         |                |                    | 9       | ,    |
| Frontro | w Rollout v1.1.0, © 2024, Boxlight Corp<br>Discovery | This section                     | n maintains the                    | list of scho              | ols.  |                           |                          |                         |                | Sen                | d Feedb | pack |
| 2       | Update   | This sectior                     | n allows you to                    | update firn               | nware on  | selected Fr               | ontRow ha                | ardware                 | ·.             |                    |         |      |
| 3       | Configuration  | This sectior                     | n allows you to                    | push confi                | guration f  | iles to selec             | ted Frontl               | Row ha                  | rdware.        |                    |         |      |
| 4       | Device List  | This sectior                     | n displays the s                   | tatus of the              | device.   |                           |                          |                         |                |                    |         |      |
| 5       | Settings   | This link op                     | ens the "Show                      | Column" \                 | vindow al   | lowing you                | to choose                | which                   | columns        | to vi              | ew.     |      |
| 6       | Export Device List                                   | The link cre                     | eates a CSV file                   | showing th                | ie data av  | ailable in th             | ne Device                | list.                   |                |                    |         |      |
| 7       | External Help  | This link wil                    | ll open your we                    | b browser                 | to the Rol  | llout applica             | ation supp               | ort web                 | osite.         |                    |         |      |
| 8       | Version Number                                       | This sectior                     | n shows the ver                    | rsion of the              | Rollout a   | pplication r              | unning on                | your co                 | omputer        |                    |         |      |
| 9       | Send Feedback Link                                   | This link wil<br><b>NOTE:</b> We | ll open a windc<br>e do appreciate | w that allo<br>your input | ws you to<br>thelping (                           | provide fee<br>us improve | edback ab<br>our softwa  | out the<br>are.         | Rollout        | appli              | cati    | on.  |

## 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.



| 5          | Discove                 | ery | 6        |
|------------|-------------------------|-----|----------|
| Peoria Elm | 10.10.0.1 - 10.10.0.254 | 0 🕯 | New Scan |
|            |                         |     | Refresh  |

| -               | *                         |               |                   |                       |                       |                     |                    |                            |                | -               |           |
|-----------------|---------------------------|---------------|-------------------|-----------------------|-----------------------|---------------------|--------------------|----------------------------|----------------|-----------------|-----------|
|                 | Discover                  | У             |                   | Up                    | date                  |                     | Con                | figurat                    | tion           |                 |           |
| Peoria Elm      | 10.10.0.1 - 10.10.0.254   | 0             | New Scan          | Select Firmware       | Upda                  | e .                 | Select Config      |                            | Update         |                 |           |
|                 |                           |               | Refresh           | 1. Select             | a firmware            |                     | 1. Sele            | ct a config                | aration        |                 |           |
| nter School Nar | me Start IP End IP        | •             |                   | 2. Select<br>3. Press | device(s)<br>'Update' |                     | 2. Sele<br>3. Pres | ct device(s)<br>s 'Update' |                |                 |           |
| of 4 de         | evices highlighted        |               |                   |                       |                       |                     |                    |                            |                | ۵               | <         |
| tatus           | School ID Device name     | ID Address    | MAC address       | Product               | Model                 | Firmware<br>Version | Config<br>Version  | CACL<br>Version            | Device<br>Type | Booth<br>Versic | ader<br>N |
| Online          | Peoria Elm Admin Station  | 10.10.0.210   | 60.8ar10.92:e4:a1 | Network Amp           | CM-900                | 2.0.1.22            | 4                  | 16.2                       | 0110           |                 |           |
| Online          | Peoria Elm Rm 5 (Wheeler) | 10.10.0.220 📝 | 60.8e.10.93.0b.15 | Network Amp           | CM-900                | 2.0.1.22            | 4                  | 16.2                       | 0110           |                 |           |
| Online          | Peoria Elm Rm 5 C8-6000   | 10.10.0.221   | 60:8a:10:86:e7:85 | Touch Control         | CB-6000               | 2.0.0.6             | **                 | 15.2                       | 0121           |                 |           |
| Online          | Peoria Elm Rm 21 (Altneu) | 10.10.0.231 🔀 | fc:0f:e7:c9:28:72 | Unity                 | CM-IV                 | 1.0.0.0             | 1                  | 17.0                       | 0112           |                 |           |

### Adding the second school

- The steps to adding a second school are exactly like adding the first school.
- 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.

| 15th              | Discove                 | ery |          |
|-------------------|-------------------------|-----|----------|
| ✓ Peoria Elm      | 10.10.0.1 - 10.10.0.254 | 0 🕯 | New Scan |
| 🗸 Sky View        | 10.11.0.1 - 10.11.0.254 | •   | Refresh  |
| Enter School Name | Start IP End            | IP  |          |

# 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.

| FrontRow Rollout                            |                           |               |             |         |                                    |                                     |                     |                                    |                                      |                | -                  |           | × |
|---|---------------------------|---------------|-------------|---------|------------------------------------|-------------------------------------|---------------------|------------------------------------|--------------------------------------|----------------|--------------------|-----------|---|
| 1511  | Discovery                 |               |             |         | Up                                 | date                                |                     | Con                                | figura                               | tion           |                    |           |   |
| Peoria Elm                                  | 10.10.0.1 - 10.10.0.254   | 01            | New Scan    | Sele    | ct Firmware                        | Update                              |                     | Select Config                      |                                      | Update         |                    |           |   |
| Sky View<br>Enter School Name<br>Peoria Elm | 10.11.0.1 - 10.11.0.254   | •             | Refresh     |         | 1. Select<br>2. Select<br>3. Press | a firmware<br>device(s)<br>'Update' |                     | 1. Seleci<br>2. Seleci<br>3. Press | t a config<br>t device(s<br>'Update' | uration<br>)   | 1                  |           |   |
| 6 of 6 de                                   | vices highlighted         |               |             |         |                                    |                                     |                     |                                    |                                      |                | \$                 | <         | ? |
| Status                                      | School ID Device name     | IP Address    | MAC addr    | ess     | Product                            | Model                               | Firmware<br>Version | Config<br>Version                  | CACL<br>Version                      | Device<br>Type | Bootloa<br>Version | ader<br>1 |   |
| Online                                      | Peoria Elm Admin Station  | 10.10.0.210   | 60:8a:10:9  | 2:c4:a1 | Network Amp                        | CM-900                              | 2.0.1.22            | 4                                  | 16.2                                 | 0110           |                    |           |   |
| Online                                      | Peoria Elm Rm 5 (Wheeler) | 10.10.0.220   | 60:8a:10:9  | 3:0b:15 | Network Amp                        | CM-900                              | 2.0.1.22            | 4                                  | 16.2                                 | 0110           |                    |           |   |
| Online                                      | Peoria Elm Rm 5 CB-6000   | 10.10.0.221   | 60:8a:10:8  | 6:e7:89 | Touch Control                      | CB-6000                             | 2.0.0.6             |                                    | 15.2                                 | 0121           |                    |           |   |
| Online                                      | Peoria Elm Rm 21 (Altneu) | 10.10.0.231   | fc:0f:e7:c9 | :28:72  | Unity                              | CM-1V                               | 1.0.0.0             | 1                                  | 17.0                                 | 0112           |                    |           |   |
| Online                                      | Sky View Rm 32 (Berg)     | 10.11.0.108 🖊 | 60:8a:10:9  | 3:12:1f | Network Amp                        | CM-900                              | 2.0.1.22            | 4                                  | 16.2                                 | 0110           |                    |           |   |
| Online                                      | Sky View Rm 33 (Penn)     | 10.11.0.109 🔀 | 60:8a:10:9  | 3:0b:15 | Network Amp                        | CM-900                              | 2.0.1.22            | 4                                  | 16.2                                 | 0110           |                    |           |   |

- 2. Select or deselect the columns you wish to view or hide.
- 3. Click the **Apply** button.

| RontRow Rollout |   |             |                           |                 |                         |                   |                    |                 |                | -                |            | × |
|-----------------|---|-------------|---------------------------|-----------------|-------------------------|-------------------|--------------------|-----------------|----------------|------------------|------------|---|
|                 | Discovery                               |             |                           | Upo             | date                    |                   | Cor                | figura          | tion           |                  |            |   |
| Peoria Elm      | 10.10.0.1 - 10.10.0.254                 | 01          | New Scan                  | Select Firmware | Update                  |                   | Select Config      |                 | Update         |                  |            |   |
| Sky View        | 10.11.0.1 - 10.11.0.254                 | •           | Refresh                   | 1. Select       | a firmware<br>device(s) |                   | 1. Sele<br>2. Sele | ct a config     | uration        |                  |            |   |
| Peoria Elm      | Start IP End IP 10.10.0.1 [ 10.10.0.254 | 0           |                           | 3 Press 'I      | Indate'                 |                   | 3. Pres            | s 'Update'      |                |                  |            |   |
|                 |   |             | Sł                        | now Column      |                         |                   |                    |                 |                |                  |            |   |
| 6 of 6 de       | vices highlighted                       |             | MAC address               |                 | $\checkmark$            |                   |                    |                 |                | \$               | <          | ? |
| Status          | School ID Device name                   | IP Address  | Product                   |                 | $\checkmark$            | irmware<br>ersion | Config<br>Version  | CACL<br>Version | Device<br>Type | Bootlo<br>Versio | oader<br>n |   |
| Online          | Peoria Elm Admin Station                | 10.10.0.210 | Model<br>Firmware Version |                 |                         | .0.1.22           | 4                  | 16.2            | 0110           |                  |            |   |
| Online          | Peoria Elm Rm 5 (Wheeler)               | 10.10.0.220 | Config Version            |                 |                         | .0.1.22           | 4                  | 16.2            | 0110           |                  |            |   |
| Online          | Peoria Elm Rm 5 CB-6000                 | 10.10.0.221 | CACL Version              |                 | <u> </u>                | .0.0.6            |                    | 15.2            | 0121           |                  |            |   |
| Online          | Peoria Elm Rm 21 (Altneu)               | 10.10.0.231 | Device Type               |                 | 2                       | 0.0.0             | 1                  | 17.0            | 0112           |                  |            |   |
| Online          | Sky View Rm 32 (Berg)                   | 10.11.0.108 | Bootloader Version        |                 |                         | .0.1.22           | 4                  | 16.2            | 0110           |                  |            |   |
| Online          | Sky View Rm 33 (Penn)                   | 10.11.0.109 |                           | 3 Ap            | ply Cancel              | .0.1.22           | 4                  | 16.2            | 0110           |                  |            |   |
|                 |   |             |                           |                 |                         |                   |                    |                 |                |                  |            |   |
|                 |   |             |                           |                 |                         |                   |                    |                 |                |                  |            |   |
|                 |   |             |                           |                 |                         |                   |                    |                 |                |                  |            |   |
|                 |   |             |                           |                 |                         |                   |                    |                 |                |                  |            |   |
|                 |   |             |                           |                 |                         |                   |                    |                 |                |                  |            |   |

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

| RontRow Rollout |                    |                    |   |               |                   |               |               |                     | -                 |   | × |
|-----------------|--------------------|--------------------|---|---------------|-------------------|---------------|---------------|---------------------|-------------------|---|---|
| STD.            | 1                  | Discovery          |   |               | Upda              | ate           | Conf          | iguration           |                   |   |   |
| Peoria Elm      | 10.10.0.1 - 10.10. | .0.254             | 0 | New Scan      | Select Firmware   | Update        | Select Config | Upda                | te                |   |   |
| Sky View        | 10.11.0.1 - 10.11. | .0.254             | • | Refresh       | 1. Select a f     | irmware       | 1. Select     | a configuration     |                   |   |   |
| Peoria Elm      | Start IP           | End IP 10.10.0.254 | 0 |               | 3. Press 'Up      | date'         | 3. Press      | 'Update'            |                   |   |   |
| 6 of 6 de       | vices high         | lighted            |   |               |                   |               |               |                     | ٥                 | < | ? |
| Status          | School ID          | Device name        |   | IP Address    | MAC address       | Product       | Model         | Firmware<br>Version | Config<br>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:0f:e7: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                 |   |   |
|                 |                    |                    |   |               |                   |               |               |                     |                   |   |   |
|                 |                    |                    |   |               |                   |               |               |                     |                   |   |   |
|                 |                    |                    |   |               |                   |               |               |                     |                   |   |   |
|                 |                    |                    |   |               |                   |               |               |                     |                   |   |   |

# 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**.

| and .             | Dise                    | covery |     |          |
|-------------------|-------------------------|--------|-----|----------|
| Peoria Elm        | 10.10.0.1 - 10.10.0.254 |        | 0 🗎 | New Scan |
|                   |                         |        |     | Refresh  |
| Enter School Name | Start IP                | End IP | •   |          |

#### 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.

| RontRow Rollout |                           |               |               |                                  |   |                     |                                  |                                     |                | -                |             | × |
|-----------------|---------------------------|---------------|---------------|----------------------------------|---|---------------------|----------------------------------|-------------------------------------|----------------|------------------|-------------|---|
| 19th            | Discovery                 |               |               | Up                               | odate                                   |                     | Con                              | figura                              | tion           |                  |             |   |
| Peoria Elm      | 10.10.0.1 - 10.10.0.254   | 0             | New Scan      | Select Firmware                  | Update                                  |                     | Select Config                    |                                     | Update         |                  |             |   |
| Sky View        | 10.11.0.1 - 10.11.0.254   |               | Refresh       | 1. Selec<br>2. Selec<br>3. Press | t a firmware<br>t device(s)<br>'Update' |                     | 1. Selec<br>2. Selec<br>3. Press | t a config<br>t device(s<br>Update' | guration<br>5) |                  |             |   |
| 5 of 5 de       | evices highlighted        |               |               |                                  |   |                     |                                  |                                     |                | ٥                | <           | ? |
| Status          | School ID Device name     | IP Address    | MAC address   | s Product                        | Model                                   | Firmware<br>Version | Config<br>Version                | CACL<br>Version                     | Device<br>Type | Bootle<br>Versio | oader<br>on |   |
| Online          | Peoria Elm Admin Station  | 10.10.0.210 🔀 | 60:8a:10:92:0 | :4:a1 Network Amp                | CM-900                                  | 2.0.1.22            | 4                                | 16.2                                | 0110           |                  |             |   |
| Online          | Peoria Elm Rm 5 (Wheeler) | 10.10.0.220 🔀 | 60:8a:10:93:0 | 0b:15 Network Amp                | CM-900                                  | 2.0.1.22            | 4                                | 16.2                                | 0110           |                  |             |   |
| Online          | Peoria Elm Rm 5 CB-6000   | 10.10.0.221   | 60:8a:10:86:e | 7:89 Touch Control               | CB-6000                                 | 2.0.0.6             |                                  | 15.2                                | 0121           |                  |             |   |
| Online          | Peoria Elm Rm 21 (Altneu) | 10.10.0.231   | fc:0f:e7:c9:2 | 8:72 Unity                       | CM-1V                                   | 1.0.0.0             | 1                                | 17.0                                | 0112           |                  |             |   |
| Online          | Sky View Rm 32 (Berg)     | 10.11.0.108   | 60:8a:10:93:1 | 12:1f Network Amp                | CM-900                                  | 2.0.1.22            | 4                                | 16.2                                | 0110           |                  |             |   |
|                 |                           |               |               |                                  |   |                     |                                  |                                     |                |                  |             |   |

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.

|                  | Discovery                 |               |                   | Up                   | date                    |                     | Con                  | figura                 | tion           |                      |   |
|------------------|---------------------------|---------------|-------------------|----------------------|-------------------------|---------------------|----------------------|------------------------|----------------|----------------------|---|
| Peoria Elm       | 10.10.0.1 - 10.10.0.254   | 0             | New Scan          | Select Firmware      | Update                  | ,                   | Select Config        |                        | Update         |                      |   |
| Sky View         | 10.11.0.1 - 10.11.0.254   | •             | Refresh           | 1. Selec             | t a firmware            |                     | 1. Selec             | t a config             | uration        |                      |   |
| nter School Name | End IP                    | •             |                   | 2. Selec<br>3. Press | t device(s)<br>'Update' |                     | 2. Selec<br>3. Press | t device(s<br>'Update' | )              |                      |   |
| of 5 de          | evices highlighted        |               |                   |                      |                         |                     |                      |                        |                | ۵ <                  | ; |
| tatus            | School ID Device name     | IP Address    | MAC address       | Product              | Model                   | Firmware<br>Version | Config<br>Version    | CACL<br>Version        | Device<br>Type | Bootloade<br>Version | r |
| Online           | 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           |                      |   |
| Offline          | Peoria Elm Rm 5 (Wheeler) | 10.10.0.220   | 60:8a:10:93:0b:15 | 5 Network Amp        | CM-900                  | 2.0.1.22            | 4                    | 16.2                   | 0110           |                      |   |
| 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             |                      | 15.2                   | 0121           |                      |   |
| Online           | Peoria Elm Rm 21 (Altneu) | 10.10.0.231   | fc:0f:e7:c9:28:72 | Unity                | CM-1V                   | 1.0.0.0             | 1                    | 17.0                   | 0112           |                      |   |
| 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                    | 16.2                   | 0110           |                      |   |
|                  |                           |               |                   |                      |                         |                     |                      |                        |                |                      |   |
|                  |                           |               |                   |                      |                         |                     |                      |                        |                |                      |   |
|                  |                           |               |                   |                      |                         |                     |                      |                        |                |                      |   |
|                  |                           |               |                   |                      |                         |                     |                      |                        |                |                      |   |
|                  |                           |               |                   |                      |                         |                     |                      |                        |                |                      |   |
|                  |                           |               |                   |                      |                         |                     |                      |                        |                |                      |   |

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.

| A FrontRow Rollout      |                           |               |             |         |                       |                         |                     |                      |                         |                | -                |            | ×    |
|-------------------------|---------------------------|---------------|-------------|---------|-----------------------|-------------------------|---------------------|----------------------|-------------------------|----------------|------------------|------------|------|
| ST.                     | Discovery                 |               |             |         | Up                    | date                    |                     | Con                  | figurat                 | tion           |                  |            |      |
| Peoria Elm              | 10.10.0.1 - 10.10.0.254   | 01            | New Scan    | Sele    | ect Firmware          | Update                  |                     | Select Config        |                         | Update         |                  |            |      |
| Sky View                | 10.11.0.1 - 10.11.0.254   | •             | Refresh     |         | 1. Select             | a firmware              |                     | 1. Selec             | t a configu             | uration        |                  |            |      |
| Enter School Name       | Start IP End IP           | 0             |             |         | 2. Select<br>3. Press | : device(s)<br>'Update' |                     | 2. Selec<br>3. Press | t device(s)<br>'Update' |                |                  |            |      |
| 4 of 4 dev              | ices highlighted          |               |             |         |                       |                         |                     |                      |                         |                | ٥                | <          | ?    |
| Status S                | chool ID Device name      | IP Address    | MAC addr    | ess     | Product               | Model                   | Firmware<br>Version | Config<br>Version    | CACL<br>Version         | Device<br>Type | Bootlo<br>Versio | oader<br>n |      |
| Online P                | Peoria Elm Admin Station  | 10.10.0.210   | 60:8a:10:9  | 2:c4:a1 | Network Amp           | CM-900                  | 2.0.1.22            | 4                    | 16.2                    | 0110           |                  |            |      |
| Online P                | Peoria Elm Rm 5 CB-6000   | 10.10.0.221   | 60:8a:10:8  | 6:e7:89 | Touch Control         | CB-6000                 | 2.0.0.6             |                      | 15.2                    | 0121           |                  |            |      |
| Online P                | Peoria Elm Rm 21 (Altneu) | 10.10.0.231   | fc:0f:e7:c9 | :28:72  | Unity                 | CM-1V                   | 1.0.0.0             | 1                    | 17.0                    | 0112           |                  |            |      |
| Online S                | iky View Rm 32 (Berg)     | 10.11.0.108 🔀 | 60:8a:10:9  | 3:12:1f | Network Amp           | CM-900                  | 2.0.1.22            | 4                    | 16.2                    | 0110           |                  |            |      |
|                         |                           |               |             |         |                       |                         |                     |                      |                         |                |                  |            |      |
|                         |                           |               |             |         |                       |                         |                     |                      |                         |                |                  |            |      |
|                         |                           |               |             |         |                       |                         |                     |                      |                         |                |                  |            |      |
|                         |                           |               |             |         |                       |                         |                     |                      |                         |                |                  |            |      |
|                         |                           |               |             |         |                       |                         |                     |                      |                         |                |                  |            |      |
| FrontRow Rollout v1.1.3 | 8, © 2024, Boxlight Corp  |               |             |         |                       |                         |                     |                      |                         |                | Sen              | d Feedt    | pack |

### 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.

| R FrontRow Rollout                          |                           |                               |               |                               |   |                     |                               |  |                | -              |              | × |
|---|---------------------------|-------------------------------|---------------|-------------------------------|---|---------------------|-------------------------------|--|----------------|----------------|--------------|---|
| and .                                       | Discovery                 |                               |               | U                             | odate                                       |                     | Cor                           | nfigura                                  | tion           |                |              |   |
| Peoria Elm                                  | 10.10.0.1 - 10.10.0.254   | 01                            | New Scan      | Select Firmware               | Upd   | late                | Select Config                 |  | Update         |                |              |   |
| Sky View<br>Enter School Name<br>Peoria Elm | 10.11.0.1 - 10.11.0.254   | <ul><li>●</li><li>●</li></ul> | Refresh       | 1. Sele<br>2. Sele<br>3. Pres | ct a firmware<br>ct device(s)<br>s 'Update' |                     | 1. Sele<br>2. Sele<br>3. Pres | ct a config<br>ct device(s<br>s 'Update' | juration<br>;) |                |              |   |
| 5 of 5 de                                   | vices highlighted         |                               |               |                               |   |                     |                               |  |                | \$             | <            | ? |
| Status                                      | School ID Device name     | IP Address                    | MAC addres    | s Product                     | Model                                       | Firmware<br>Version | Config<br>Version             | CACL<br>Version                          | Device<br>Type | Booti<br>Versi | loader<br>on |   |
| Online                                      | 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           |                |              |   |
| 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                             | 16.2                                     | 0110           |                |              |   |
| 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             |                               | 15.2                                     | 0121           |                |              |   |
| Online                                      | Peoria Elm Rm 21 (Altneu) | 10.10.0.231 🔀                 | fc:0f:e7:c9:2 | 18:72 Unity                   | CM-1V                                       | 1.0.0.0             | 1                             | 17.0                                     | 0112           |                |              |   |
| 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                             | 16.2                                     | 0110           |                |              |   |
|   |                           |                               |               |                               |   |                     |                               |  |                |                |              |   |

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

| Peoria Elm     | Discovery                 |               |                   |                 |              |          |               |             |         |        |   |
|----------------|---------------------------|---------------|-------------------|-----------------|--------------|----------|---------------|-------------|---------|--------|---|
| Peoria Elm     | Discorcij                 |               |                   | Up              | odate        |          | Cor           | nfigura     | tion    |        |   |
|                | 10.10.0.1 - 10.10.0.254   | 01            | New Scan          | Select Firmware | Updat        | e        | Select Config |             | Update  |        |   |
| Sky View       | 10.11.0.1 - 10.11.0.254   | •             | Refresh           | 1. Selec        | t a firmware |          | 1. Sele       | ct a config | uration |        |   |
| er School Name | C Start IP C End IP       |               |                   | 2. Selec        | t device(s)  |          | 2. Sele       | ct device(s | )       |        |   |
| oria Elm       | 10.10.0.1 10.10.0.25      | 4             |                   | 3. Press        | 'Update'     |          | 3. Pres       | s 'Update'  |         |        |   |
| of 6 dev       | vices highlighted         |               |                   |                 |              |          |               |             |         | ¢      | < |
| or o dev       | nces nightighted          |               |                   |                 |              |          | 6 F           |             | Device  |        |   |
| tatus S        | School ID Device name     | IP Address    | MAC address       | Product         | Model        | Version  | Version       | Version     | Туре    | Versio | n |
| Online P       | 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    |        |   |
| Online P       | Peoria Elm Rm 5 (Wheeler) | 10.10.0.220   | 60:8a:10:93:0b:15 | 5 Network Amp   | CM-900       | 2.0.1.22 | 4             | 16.2        | 0110    |        |   |
| Online P       | Peoria Elm Rm 5 CB-6000   | 10.10.0.221   | 60:8a:10:86:e7:89 | 9 Touch Control | CB-6000      | 2.0.0.6  |               | 15.2        | 0121    |        |   |
| Online P       | Peoria Elm Rm 21 (Altneu) | 10.10.0.231   | fc:0f:e7:c9:28:72 | Unity           | CM-1V        | 1.0.0.0  | 1             | 17.0        | 0112    |        |   |
| Online S       | 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    |        |   |
| Online S       | Sky View Rm 33 (Penn)     | 10.11.0.109 🔼 | 60:8a:10:93:0b:15 | 5 Network Amp   | CM-900       | 2.0.1.22 | 4             | 16.2        | 0110    |        |   |

### 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).

| Discovery      D | New Scan<br>Refresh  | Select Fi     | Updat<br>mware<br>1. Select a firr<br>2. Select devi<br>3. Press 'Upda | Ce<br>Update<br>mware<br>ce(s)<br>tte' | Con<br>Select Config<br>1. Selec<br>2. Selec<br>3. Press | figura<br>t a config<br>t device(s<br>"Update" | Update<br>Uration      | 0                 | <    |
|---|----------------------|---------------|--|--|--|--|------------------------|-------------------|------|
| Percris Em         10.10.01 - 10.10.0254         Image: Control of the image: Control of th                                     | New Scan<br>Refresh  | Select Fi     | 1. Select a firr<br>2. Select devii<br>3. Press 'Upda                  | Update<br>nware<br>ce(s)<br>tte'       | Select Config<br>1. Selec<br>2. Selec<br>3. Press        | t a config<br>t device(s<br>'Update'           | Update<br>uration<br>) | \$                | <    |
| Sty View         10.11.0.1 · 10.11.0.254         Image: Control of the state of t                                     | Refresh<br>s MAC add | Iress Prod    | 1. Select a firr<br>2. Select devi<br>3. Press 'Upda                   | nware<br>ce(s)<br>ite'                 | 1. Selec<br>2. Selec<br>3. Press                         | t a config<br>t device(s<br>t 'Update'         | uration<br>)           | ٥                 | <    |
| 5 of 5 devices highlighted<br>Status School ID Device name IP Addres<br>Online Peors Em Admin Station 10:00.28  | s MAC add            | Iress Prod    |  |  |  |  |                        | ٥                 | <    |
| Status School ID Device name IP Address Online Peoria Elm Admin Station 10.00.218   | s MAC add            | Iress Prod    |  |  |  |  |                        |                   |      |
| Online Peoria Elm Admin Station 10.10.0.210   |                      |               | luct Mode  | l Firmwar<br>Version                   | re Config<br>Version                                     | CACL<br>Version                                | Device<br>Type         | Bootlo<br>Version | ıder |
|   | 60:8a:10:            | 92:c4:a1 Netv | work Amp CM-9  | 00 2.0.1.22                            | 4  | 16.2   | 0110                   |                   |      |
| Online Peoria Elm Rm 5 (Wheeler) 10.10.0.22   | 0 🛃 60:8a:10:        | 93:06:15 Netr | work Amp CM-9  | 00 2.0.1.22                            | 4  | 16.2   | 0110                   |                   |      |
| Online Peoria Elm Rm 5 CB-6000 10.10.0.22   | 1 🖸 60:8a:10:1       | 86:e7:89 Touc | h Control CB-60  | 2.0.0.6                                |  | 15.2   | 0121                   |                   |      |
| Online Peoria Elm Rm 21 (Altneu) 10.10.0.23   | fc:0f:e7:c           | 9:28:72 Unit  | y CM-T   | v 1.0.0.0                              | 1  | 17.0   | 0112                   |                   |      |
| Online Sky View Rm 32 (Berg) 10.11.0.108  | 60:8a:10:            | 93:12:1f Netv | vork Amp CM-9  | 00 2.0.1.22                            | 4  | 16.2   | 0110                   |                   |      |

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)

| FrontRow Rollout |                         |             |                |                 |              |                     |                   |                 |                | -                |            | × |
|------------------|-------------------------|-------------|----------------|-----------------|--------------|---------------------|-------------------|-----------------|----------------|------------------|------------|---|
| SIL              | Discovery               |             |                | U               | odate        |                     | Con               | figura          | tion           |                  |            |   |
| Peoria Elm       | 10.10.0.1 • 10.10.0.254 | Q 👔         | New Scan       | Select Firmware | Upda         | te                  | Select Config     |                 | Update         |                  |            |   |
| Sky View         | 10.11.0.1 • 10.11.0.254 | •           | Refresh        | 1. Selec        | t a firmware |                     | 1. Selec          | ct a config     | uration        |                  |            |   |
| nter School Narr | e Start IP End IP       | •           |                | 3. Press        | 'Update'     |                     | 3. Press          | s 'Update'      | 9              |                  |            |   |
| of 1 de          | vices highlighted       |             |                |                 |              |                     |                   |                 |                | ٥                | <          | • |
| Status           | School ID Device name   | IP Address  | MAC address    | Product         | Model        | Firmware<br>Version | Config<br>Version | CACL<br>Version | Device<br>Type | Bootle<br>Versio | bader<br>m |   |
| Online           | Sky View Rm 32 (Berg)   | 10.11.0.108 | 60:8a:10:93:12 | :If Network Amp | CM-900       | 2.0.1.22            | 4                 | 15.2            | 0110           |                  |            |   |
|                  |                         |             |                | •               |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |
|                  |                         |             |                |                 |              |                     |                   |                 |                |                  |            |   |

# 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.



5. 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.

- 6. Check the box next to the device you wish to update.
- 7. 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.

| Discovery       Update       Configuration         Period Effic 100.00.1 - 100.02.54       Image: Configuration       Select According unation         Status       Status       Select device(s)       Select device(s)         Status       Status       School ID       Device name       IP Address         MC address       Product       Model       Firmage: Version       Version         Status       School ID       Device name       IP Address       MAC address       Product       Model       Firmage: Version       Version <th>FrontRow Rollout</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th>х</th>   | FrontRow Rollout  |                                   |               |               |                               |             |   |   | -                 |   | х |
|--|-------------------|-----------------------------------|---------------|---------------|-------------------------------|-------------|---|---|-------------------|---|---|
| Peris Bim       10.10.0.1 + 10.10.254       Week Skall       Select Furmane       Update       Select Coully       Update         By View       10.11.0.1 + 10.11.0.254       Image: CM900 views and CM900 views accus       X       1. Select a configuration       2. Select device(s)       3. Press "Update"         Certer School Name       Start IP       End IP       Image: CM900 views accus       X       Select device(s)       3. Press "Update"         Configuration       Startus       School ID       Device name       IP Address       MAC address       Product       Model       Firmazer       Certing         Image: Imag   | 5                 | Discove                           | ery           |               | Update                        | e           | Confi                                     | guration                                |                   |   |   |
| Bry View       10.110.1-10.11.0.254       Image: Filename: CM900release.cua       1. Select a configuration         2. Select device(s)       3. Press "Update"         2. Status       Status       Status       Status         Status       School ID       Device name       IP Address         MAC address       Product       Model       Firmazer Version         Version       1.110.308       60.8e10:93.12.11       Network Amp       CM-900       2.0.0.3       4         Image: Stratus       Stratus       Stratus       Stratus       Stratus       Stratus       2.0.12       4  | Peoria Elm 10.10. | 0.1 - 10.10.0.254                 | @ î           | New Scan      | Select Firmware               | Update      | Select Config                             | Update                                  |                   |   |   |
| 2 of 2 devices highlighted   | Sky View 10.11    | 0.1 - 10.11.0.254<br>Start IP End |               | Refresh       | Filename:<br>CM900release.cua | ×           | 1. Select a<br>2. Select a<br>3. Press 'l | a configuration<br>device(s)<br>Jpdate' |                   |   |   |
| Status         School D         Device name         IP Address         MAC address         Product         Model         Firmane         Carling<br>Version           Image: Image | of 2 devices      | highlighted                       | ł             |               |                               |             |   |   | ۰                 | < | 1 |
| Image: CM-300         Sty View         Rm 32 (Berg)         10.10.106         60.8x10.93.12:11         Network Amp         CM-400         2.0.0.3         4           Image: CM-300         Sky View         Rm 5 (Wheeler)         10.11.0.109         60.8x10.93.00:15         Network Amp         CM-500         2.0.122         4  | E Status          | School ID De                      | vice name     | IP Address    | MAC address                   | Product     | Model                                     | Firmware<br>Version                     | Config<br>Version |   |   |
| □ ● Online Sky View Rm 5 (Wheeler) 10.11.0.109 🗹 60.8a.10.93.0b.15 Network Amp CM-900 2.0.122 4  | ✓1 of             | 3 Sky View Rr                     | n 32 (Berg)   | 10.11.0.108   | 60:8a:10:93:12:1f             | Network Amp | CM-900                                    | 2.0.0.3                                 | 4                 |   |   |
|  | Conline           | Sky View Rr                       | n 5 (Wheeler) | 10.11.0.109 🕻 | 60.8±10.93.0b:15              | Network Amp | CM-900                                    | 2.0.122                                 | 4                 |   |   |

- 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.

| FrontRow  | Rollout      |               |               |                    |                               |             |                      |                                 | -                 |   | × |
|-----------|--------------|---------------|---------------|--------------------|-------------------------------|-------------|----------------------|---------------------------------|-------------------|---|---|
| 21        |              | Disco         | overy         |                    | Upda                          | te          | Cor                  | nfiguratio                      | n                 |   |   |
| Peoria 8  | Elm 10.10.0. | - 10.10.0.254 | Q 🕯           | New Scan           | Select Firmware               | Update      | Select Config        | U                               | pdate             |   |   |
| Sky Vie   | w 10.11.0.   | • 10.11.0.254 | •             | Refresh            | Filename:<br>CM900release.cua | ×           | 9 1. Sele<br>2. Sele | ct a configurat<br>ct device(s) | ion               |   |   |
| nter Scho | ool Name     | itart IP      | End IP        |                    |                               |             | 3. Pres              | s 'Update'                      |                   |   |   |
| 2 of 2    | 2 devices    | highlight     | ted           |                    |                               |             |                      |                                 | \$                | < |   |
|           | Status       | School ID     | Device name   | IP Address         | MAC address                   | Product     | Model                | Firmware<br>Version             | Config<br>Version |   |   |
| ~         | Online       | Sky View      | Rm 32 (Berg)  | 10.11.0.108        | 60:8a:10:93:12:1f             | Network Amp | см-900               | 2.0.1.22                        | 4                 |   |   |
|           | Unitie       | зку чини      | nm 3 (wneeer) | 10.110.89 <b>(</b> | 90488-003308-13               | теткот, сор | C.M. 900             | 2.0.122                         | •                 |   |   |
|           |              |               |               |                    |                               |             |                      |                                 |                   |   |   |

# **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.

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

|                              |                   | Discovery      |     |             | opc                                       | ale                                |                | oninguratio  | <u></u>           |   |
|------------------------------|-------------------|----------------|-----|-------------|---|------------------------------------|----------------|--|-------------------|---|
| Peoria Elm                   | 10.10.0.1 - 10.10 | 1.0.254        | Q 🗍 | New Scan    | Select Firmware                           | Update                             | Select C       | onfig  | Update            |   |
| Sky View<br>nter School Name | 10.11.0.1 - 10.11 | .0.254         |     | Refresh     | 1. Select a<br>2. Select c<br>3. Press 'U | i firmware<br>levice(s)<br>/pdate' | 1.<br>2.<br>3. | Select a configura<br>Select device(s)<br>Press 'Update' | tion              |   |
| of 2 dev                     | vices high        | nlighted       |     |             |   |                                    |                |  | ۵                 | < |
| itatus                       | School ID         | Device name    |     | IP Address  | MAC address                               | Product                            | Model          | Firmware<br>Version                                      | Config<br>Version |   |
| 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 5 (Wheeler) |     | 10.11.0.109 | 60:8a:10:93:0b:15                         | Network Amp                        | CM-900         | 2.0.1.22   | 4                 |   |
|                              |                   |                |     |             |   |                                    |                |  |                   |   |
|                              |                   |                |     |             |   |                                    |                |  |                   |   |
|                              |                   |                |     |             |   |                                    |                |  |                   |   |

- 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.



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

Click the **Select** link.

| RentRow Rollout        |                    |                |     |             |                             |                         |                                    |                         |                |   | -                 |         | ×    |
|------------------------|--------------------|----------------|-----|-------------|-----------------------------|-------------------------|------------------------------------|-------------------------|----------------|---|-------------------|---------|------|
| 100                    |                    | Discovery      | (   |             |                             | l                       | Jpda                               | te                      | (              | Configuratio  | n                 |         |      |
| Peoria Elm             | 10.10.0.1 • 10.1   | 0.0.254        | 01  | New Sci     | an S                        | elect Firmware          |                                    | Update                  | Select C       | onfig   | Ipdate            |         |      |
| Sky View               | 10.11.0.1 - 10.1   | 1.0.254        | • • | Refres      |                             | 1. Se<br>2. Se<br>3. Pr | lect a fir<br>lect dev<br>ess 'Upd | mware<br>ice(s)<br>ate' | 1.<br>2.<br>3. | Select a configurat<br>Select device(s)<br>Press 'Update' | ion               |         |      |
| 2 of 2 dev             | ices higi          | nlighted       |     |             | Verify Co                   | onfigurat               | ion                                |                         |                |   | 0                 | <       | ?    |
| Status                 | School ID          | Device name    |     | IP Address  | Filename:                   |                         |                                    | oduct                   | Model          | Firmware<br>Version                                       | Config<br>Version |         |      |
| Online                 | Sky View           | Rm 32 (Berg)   |     | 10.11.0.108 | SkyView-cm9                 | 00.cfg                  |                                    | stwork Amp              | CM-900         | 2.0.1.22  | 4                 |         |      |
| Online                 | Sky View           | Rm 5 (Wheeler) |     | 10.11.0.109 | 0110<br>Config version<br>4 | Cancel                  | 5<br>Select                        | etwork Amp              | СМ-900         | 2.0.1.22  | 4                 |         |      |
|                        |                    |                |     |             |                             |                         |                                    |                         |                |   |                   |         |      |
|                        |                    |                |     |             |                             |                         |                                    |                         |                |   |                   |         |      |
| FrontRow Rollout v1.1. | 3, © 2024, Boxligh | it Corp        |     |             |                             |                         |                                    |                         |                |   | Se                | nd Feed | back |

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

Only devices that match the selected configuration will be active.

6. Check the box next to the device(s) you wish to update.

1

7. Click the **Update** button.

| R FrontRow Rollout |                          |                |             |                            |                      |                                |                     | -                 |   | × |
|--------------------|--------------------------|----------------|-------------|----------------------------|----------------------|--------------------------------|---------------------|-------------------|---|---|
| SIL                | Disc                     | covery         |             | Upd                        | ate                  | Config                         | guration            | 7                 |   |   |
| Peoria Elm         | 10.10.0.1 • 10.10.0.254  | & <b>i</b>     | New Scan    | Select Firmware            | Update               | Select Config                  | Update              |                   |   |   |
| Sky View           | 10.11.0.1 • 10.11.0.254  | •              | Refresh     | 1. Select a<br>2. Select d | firmware<br>evice(s) | Filename:<br>SkyView-cm900.cfg |                     | ×                 |   |   |
| Enter School Name  | s Start IP               | End IP         |             | 3. Press 'U                | pdate'               |                                |                     |                   |   |   |
| 2 of 2 de          | vices highligh           | nted           |             |                            |                      |                                |                     | ٥                 | < | ? |
| Statu:             | s School ID              | Device name    | IP Address  | MAC address                | Product              | Model                          | Firmware<br>Version | Config<br>Version |   |   |
|                    | Online Sky View          | Rm 32 (Berg)   | 10.11.0.108 | 60:8a:10:93:12:1           | f Network Amp        | CM-900                         | 2.0.1.22            | 4                 |   |   |
|                    | Online Sky View          | Rm 5 (Wheeler) | 10.11.0.109 | 60:8a:10:93:0b:            | 15 Network Amp       | CM-900                         | 2.0.1.22            | 4                 |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    |                          |                |             |                            |                      |                                |                     |                   |   |   |
|                    | 1.0. m 2024 Builting Com |                |             |                            |                      |                                |                     | _                 |   | _ |

Please wait patiently while the software updates each device.

| - FrontRo  | w Rollout |                          |                |             |                                     |               |                                |                     | -                 |   | × |
|------------|-----------|--------------------------|----------------|-------------|-------------------------------------|---------------|--------------------------------|---------------------|-------------------|---|---|
| SIL        |           | Disc                     | overy          |             | Updat                               | e             | Confi                          | guration            |                   |   |   |
| Peoria     | Elm       | 10.10.0.1 • 10.10.0.254  | Q 🕯            | New Scan    | Select Firmware                     | Update        | Select Config                  | Update              | e                 |   |   |
| 🗹 Sky Vi   | ew        | 10.11.0.1 • 10.11.0.254  | •              | Refresh     | 1. Select a firm<br>2. Select devic | nware<br>e(s) | Filename:<br>SkyView-cm900.cfg |                     | ×                 |   |   |
| Enter Sch  | nool Name | Start IP                 | End IP         |             | 3. Press 'Upda                      | te'           |                                |                     |                   |   |   |
| 2 of       | 2 dev     | ices highligh            | ted            |             |                                     |               |                                |                     | ٥                 | < | ? |
|            | Status    | School ID                | Device name    | IP Address  | MAC address                         | Product       | Model                          | Firmware<br>Version | Config<br>Version |   |   |
|            | •         | Sky View                 | Rm 32 (Berg)   | 10.11.0.108 | 60:8a:10:93:12:1f                   | Network Amp   | CM-900                         | 2.0.1.22            | 4                 |   |   |
|            | •         | Sky View                 | Rm 5 (Wheeler) | 10.11.0.109 | 60:8a:10:93:0b:15                   | Network Amp   | CM-900                         | 2.0.1.22            | 4                 |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
|            |           |                          |                |             |                                     |               |                                |                     |                   |   |   |
| FrontRow R |           | 3, © 2024, Boxlight Corp |                |             |                                     |               |                                |                     |                   |   |   |

- 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.

| Discovery     Opcare     Opcare     Configuration       Perra Bim     10:10.0.1 - 10:10.0.254     Image: Status     Select Firmware     Update       Biy View     10:11.0.1 - 10:11.0.254     Image: Status     Select Advice(s)     Select Advice(s)       1. Select advice(s)     3. Press "Update"     Status     Status     School ID       2 of 2 devices highlighted     IP Address     MaC address     Product     Model  | Opticate     Contiguration       Select Formware     Update       Select formware     Update       254     Image: Select formware     Update     Select Com/g     Update       1. Select a firmware     2. Select device(s)     3. Press "Update'     Select Com/g     Version       ighted     Image: Select device(s)     3. Press "Update'     Select Com/g     Version     Select Com/g     Version       id     D     Device name     IP Address     MAC address     Product     Model     Firmmare     Con/g       iere     M32 (Berg)     10.10.108 (2010)     20     2.0.122     4  | Discovery     Opporte     Configuration       Persa Sim     10.100.1 - 10.100.254     Image: Similar Simila | 7                | Dice                    |                |               | Lind                       | ata                  | Confi                          | guration            |                   |   |
|--|---|---|------------------|-------------------------|----------------|---------------|----------------------------|----------------------|--------------------------------|---------------------|-------------------|---|
| Prevna Elim     10.10.01-10.10.0254     New Scan     Select Formware     Update     Select Config     Update       Bry View     10.11.0.1-10.11.0254     Image: Config Conf  | Ind     New Scan     Select Firmware     Update     Select Config     Update       154     Image: Select Config     Update     Image: Select Config     Update       1     Select device(s)     3. Press Update'     Filename: Skyliew-cm900.ctg     X     8       ighted     Image: Select device(s)     3. Press Update'     Skyliew-cm900.ctg     X     8       ighted     Image: Select device(s)     3. Press Update'     Model     Firmware     Config       image: Select name     IP Address     MAC address     Product     Model     Version     Version       iewr     Ro 2 (Berg)     10.110.106 (2)     9     608x10:93:12:11     Network Amp     CM-900     2.0.122     4   | Perna Elm         10.10.0.1 - 10.10.0.254         New Scan         Update         Distance         Update         Update<  |                  | DISC                    | overy          |               | Opu                        | ale                  | Conne                          | guration            |                   |   |
| J Sty View       10.11.0.1 - 10.11.0.254       Image: Control of the control | 254     Image: Select a firmware     2. Select a firmware     SkyView.cm300.crg     X     8       ighted     Image: SkyView.cm300.crg     X     8     5   | Sky View       10.11.0.1 - 10.11.0.254       Image: Sky View       The French       1. Select a firmware<br>2. Select device(s)<br>3. Press 'Update'       Filename: Sky View cm900.ctg       X       8         of 2 devices highlighted       Image: Sky View       Status       School ID       Device name       IP Address       Product       Model       Filename: Sky View cm900.ctg       X       8         Image: Status       School ID       Device name       IP Address       MAC address       Product       Model       Filename: Version       Version         Image: Online       Sky View       Rm 32 (Berg)       10.11.0.106 [2       9       60.8c.109.3.02.11       Hetwork Amp       CM-900       2.0.1.22       4   | Peoria Elm       | 10.10.0.1 - 10.10.0.254 | <u>ت</u> چە    | New Scan      | Select Firmware            | Update               | Select Config                  | Updat               | *                 |   |
| iter School Name     Start IP     End IP     Image: Control Name       of 2 devices highlighted     Image: Control Name     IP Address       Image: Status     School ID     Device name     IP Address  | Ind IP     3. Press "Update"       ighted <ul> <li>IP Address</li> <li>MAC address</li> <li>Product</li> <li>Model</li> <li>Firmware</li> <li>Centlig</li> <li>Version</li> </ul> iew     Rm 32 (Berg)     10.116.166 (2)   | Start IP         End IP         Image: Constraint of the start IP         End IP         Image: Constraint of the start IP         Image: Constraint of the start IP         Image: Constraint of the start of the sta   | Sky View         | 10.11.0.1 - 10.11.0.254 | ◎ 🕯            | Refresh       | 1. Select a<br>2. Select d | firmware<br>evice(s) | Filename:<br>SkyView-cm900.cfg |                     | ×                 | 8 |
| of 2 devices highlighted   | Indexted         IP Address         MAC address         Product         Model         Firmware<br>Version         Config<br>Version           iere         Rm 32 (Berg)         10.11.0108 (2019)         9         608xt5093x21/f         Network Amp         CM-900         2.0.122         4   | Status         Status         Status         Status         Status         Status         Status         Status         NAC address         Product         Model         Timmare<br>Version         Config<br>Version           ©         • Online         Sky View         Rm 32 (Berg)         10.110.108 (2)         9         60.8c.105.93.12.11         Network Amp         CM-990         2.0.122         4           ©         • Online         Sky View         Rm 5 (Wheeler)         10.110.109 (2)         • Odds:109.308.15         Network Amp         CM-990         2.0.122         4   | iter School Name | Start IP                | End IP         |               | 3. Press "U                | pdate'               | ,,                             |                     |                   |   |
| Status School ID Device name IP Address MAC address Product Model Firmware Config<br>Version Version   | Al ID Device name IP Address MAC address Product Model Firmware Centing<br>Version Version Ve | Status         School ID         Device name         IP Address         MAC address         Product         Model         Firmware         Config           Image: Config         Online         Sky View         Rm 32 (Berg)         10.11.0.108 [2]         O 66.8:10:93.12:17         Network Amp         CM-900         2.0.122         4           Image: Config         Online         Sky View         Rm 5 (Wheeler)         10.11.0.109 [2]         66.8:10:93.06:15         Network Amp         CM-900         2.0.122         4   | of 2 dev         | /ices highligh          | nted           |               |                            |                      |                                |                     | ۵                 | < |
|  | iew Rm 32 (Berg) 10.110.108 🖸 ? 60.8a:10:93:12:11 Network Amp CM-900 2.0.122 4  | Conline         Sky View         Rm 32 (Berg)         10.110.108 [2]         66.8c.10-93.12.1f         Network Amp         CM-900         2.0.122         4           Online         Sky View         Rm 5 (Wheeler)         10.110.109 [2]         66.8c.10-93.05.15         Network Amp         CM-900         2.0.122         4  | Status           | School ID               | Device name    | IP Address    | MAC address                | Product              | Model                          | Firmware<br>Version | Config<br>Version |   |
| 🗹 🔵 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 5 (Wheeler) 10.11.0.109 🖸 🚩 60.8a:0.093.0b:15 Network Amp CM-900 2.0.1.22 4  | <b>2</b> • •     | Online Sky View         | Rm 32 (Berg)   | 10.11.0.108 🛃 | 9 60:8a:10:93:12:1         | f Network Amp        | CM-900                         | 2.0.1.22            | 4                 |   |
| 🗹 🔵 Online Sky View Rm 5 (Wheeler) 10.11.0.109 🗹 60:8a:10:93.0b:15 Network Amp CM-900 2.0.1.22 4   | iew Rm 5 (Wheeler) 10.11.0.109 2 60:8a:10:93:0b:15 Network Amp CM-900 2.0.1.22 4  |   | <b>2</b> • •     | Online Sky View         | Rm 5 (Wheeler) | 10.11.0.109   | 60:8a:10:93:0b:            | 5 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.

| SIL                             |                   | Discovery      |             | Upd               | ate           | Conf          | figuration          |                   |   |
|---------------------------------|-------------------|----------------|-------------|-------------------|---------------|---------------|---------------------|-------------------|---|
| ✓ Peoria Elm                    | 10.10.0.1 - 10.10 | .0.254 🔘 📋     | New Scan    | Select Firmware   | Update        | Select Config | Update              |                   |   |
| 🗸 Sky View                      | 10.11.0.1 • 10.11 | .0.254 💿 🖥     | Refresh     | 1. Select a       | firmware      | 1. Select     | a configuration     |                   |   |
| Enter School Name<br>Peoria Elm | Start #           | 10.10.0.254    |             | 3. Press 'U       | pdate'        | 3. Press      | 'Update'            | 1                 |   |
| 6 of 6 de                       | vices high        | lighted        |             |                   |               |               |                     | <b>\$</b> <       | ? |
| Status                          | School ID         | Device name    | IP Address  | MAC address       | Product       | Model         | Firmware<br>Version | Config<br>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:0f:e7:c9:28:72 | 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                 |   |
|                                 |                   |                |             |                   |               |               |                     |                   |   |
|                                 |                   |                |             |                   |               |               |                     |                   |   |
|                                 |                   |                |             |                   |               |               |                     | 2                 |   |
| CALL core Sharen                |                   | 0              |             |                   |               |               |                     |                   |   |

- 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          | В              | C           | D                 | E             | F       | G        | н          | 1            | J           | K                         |
|---|------------|----------------|-------------|-------------------|---------------|---------|----------|------------|--------------|-------------|---------------------------|
| 1 | School ID  | Device name    | IP Address  | MAC address       | Product       | Model   | Firmware | Config Ver | CACL Version | Device Type | <b>Bootloader Version</b> |
| 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 (Altneu) | 10.10.0.231 | fc:0f: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

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