



➤ **DIGITAL CONNECTIVITY SOLUTIONS**



DISPLAY***NET***®

AV-over-IP Signal Distribution

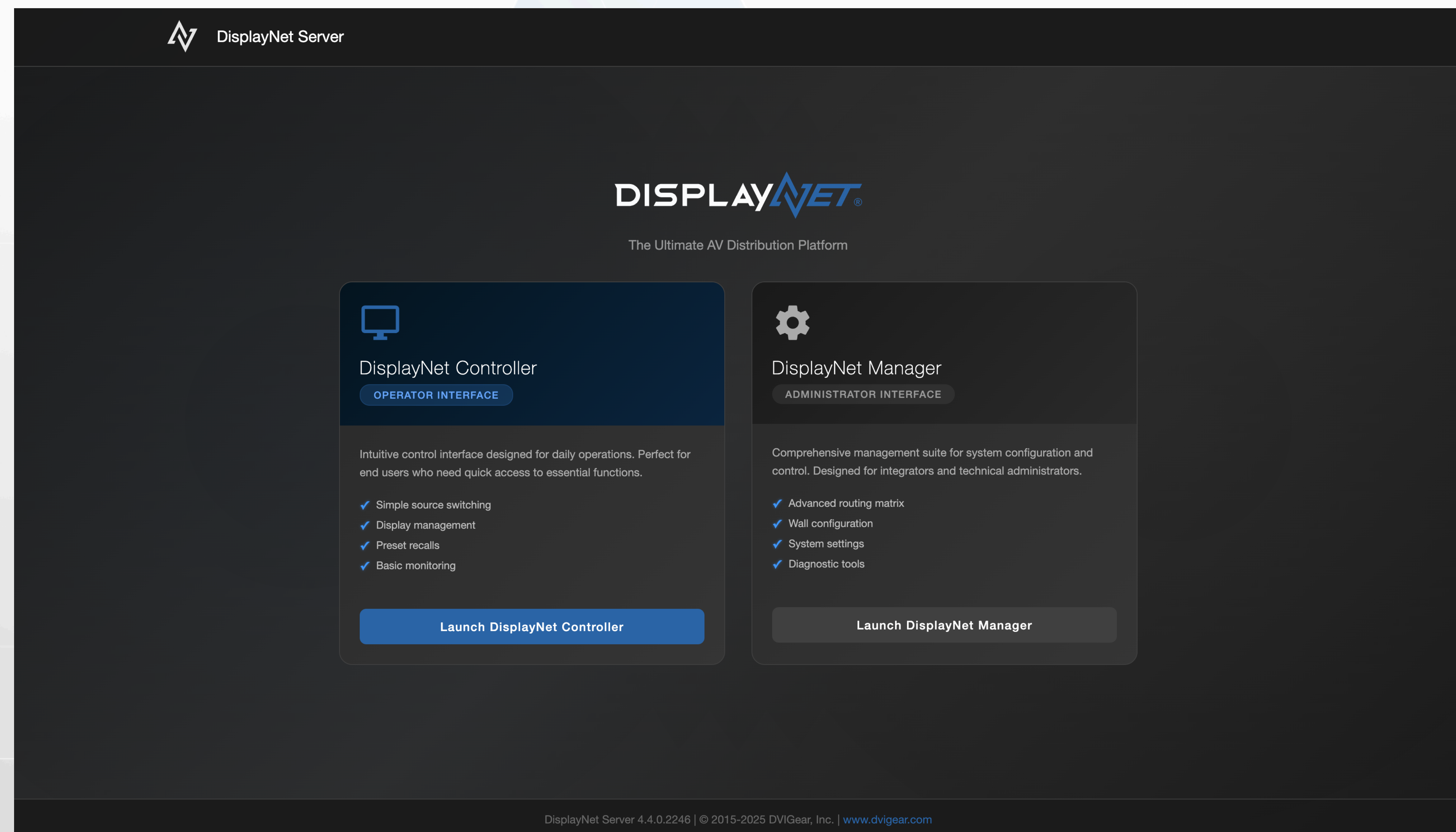
DisplayNet 4.5 Update

- **DisplayNet Controller**
- New Icon System
- Preset Tagging
- Enhanced System Performance
- Documentation Improvements

DisplayNet Controller



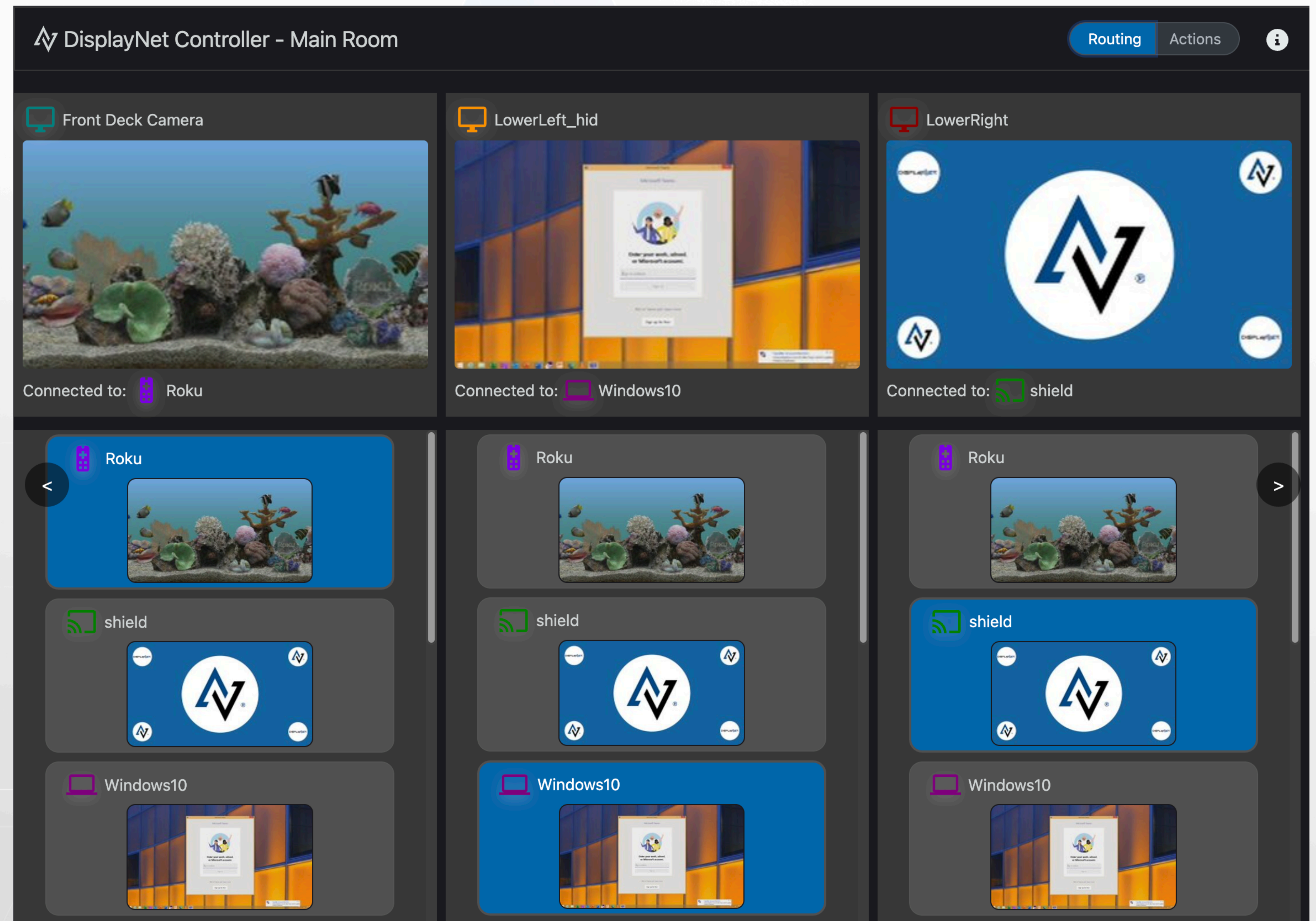
- DisplayNet Server now has two applications
- Introducing DisplayNet Controller



DisplayNet Controller



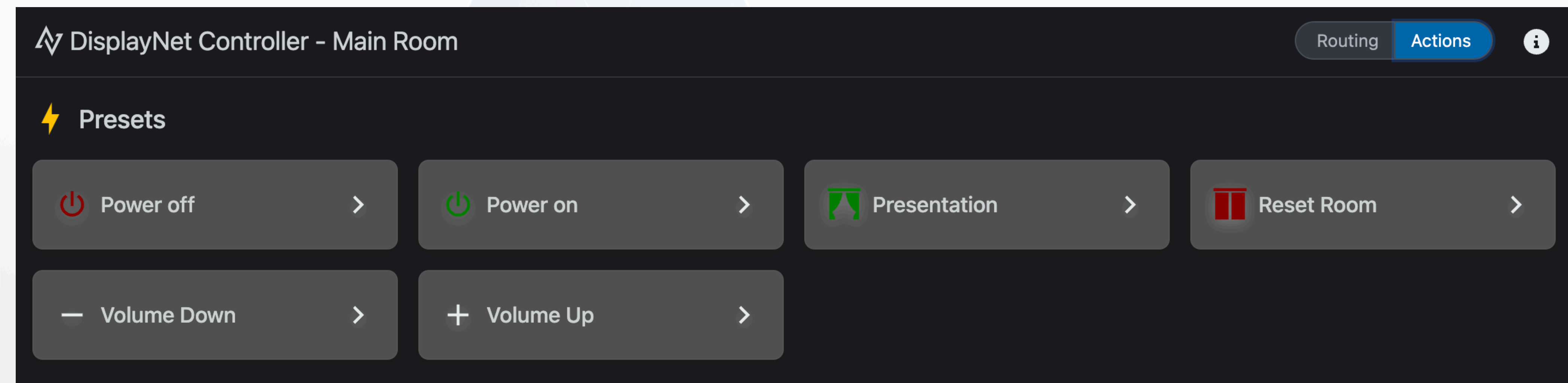
- A new mobile-accessible interface for end user control of DisplayNet Systems
- Easy access to routing controls for end-users, just tap on the desired source.



DisplayNet Controller



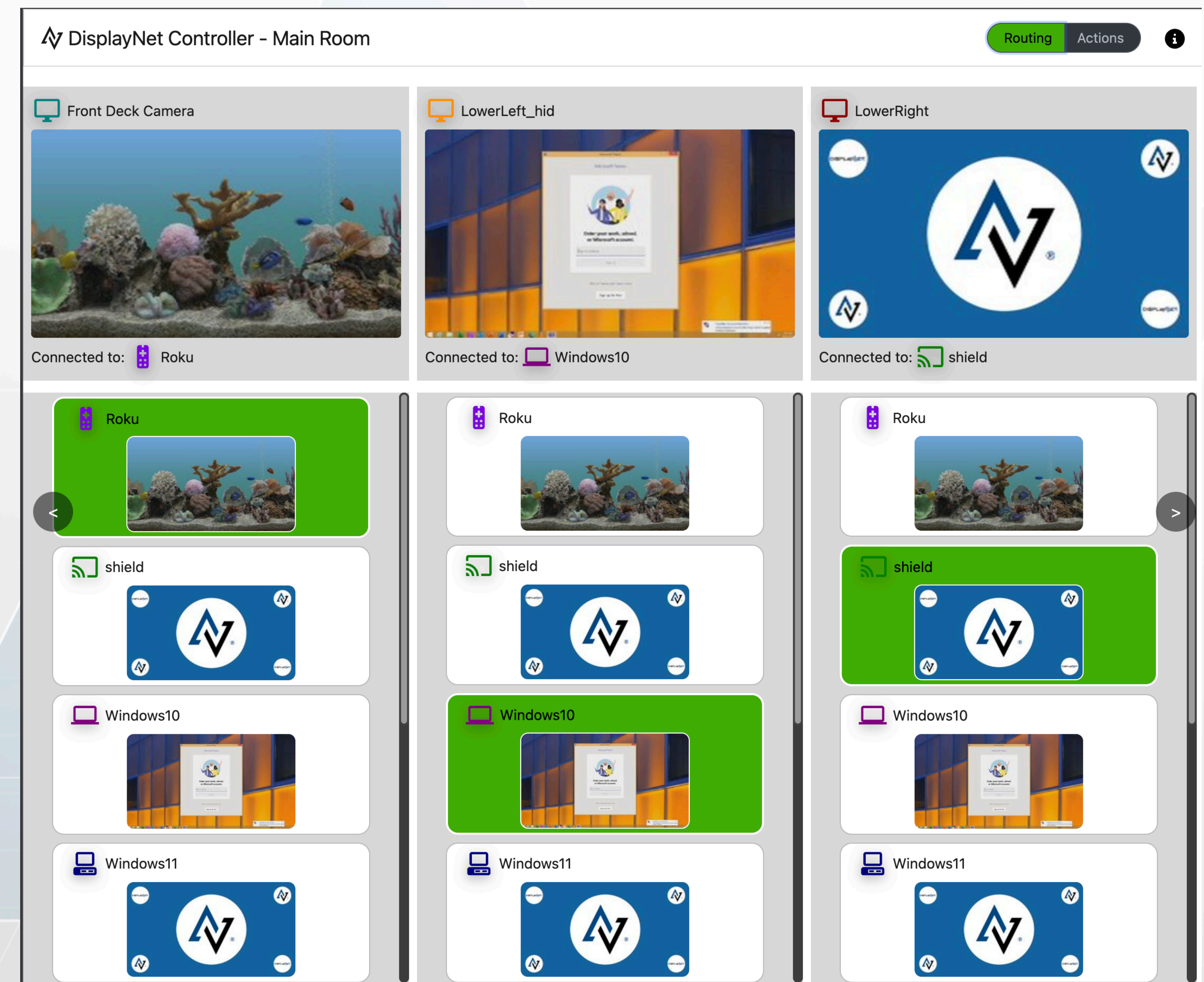
- End-user access to Presets
- Presets include both snapshots and scripts
- Snapshots can be used to easily reset the system state.
- Scripts are particularly useful for external device control, and support RS-232, CEC, and IR commands



DisplayNet Controller



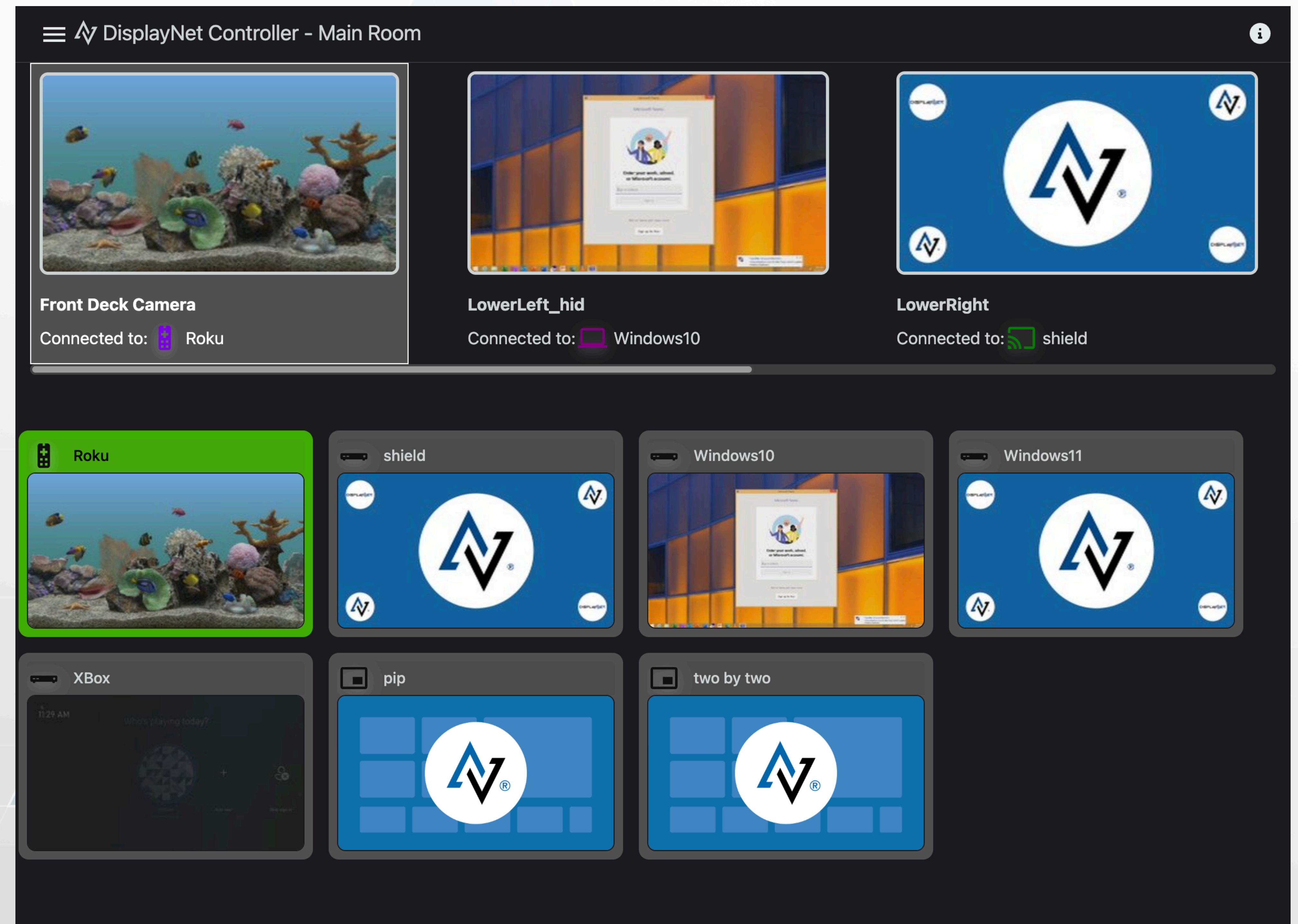
- Customizable themes
- Set Light or Dark mode, custom selector color



DisplayNet Controller



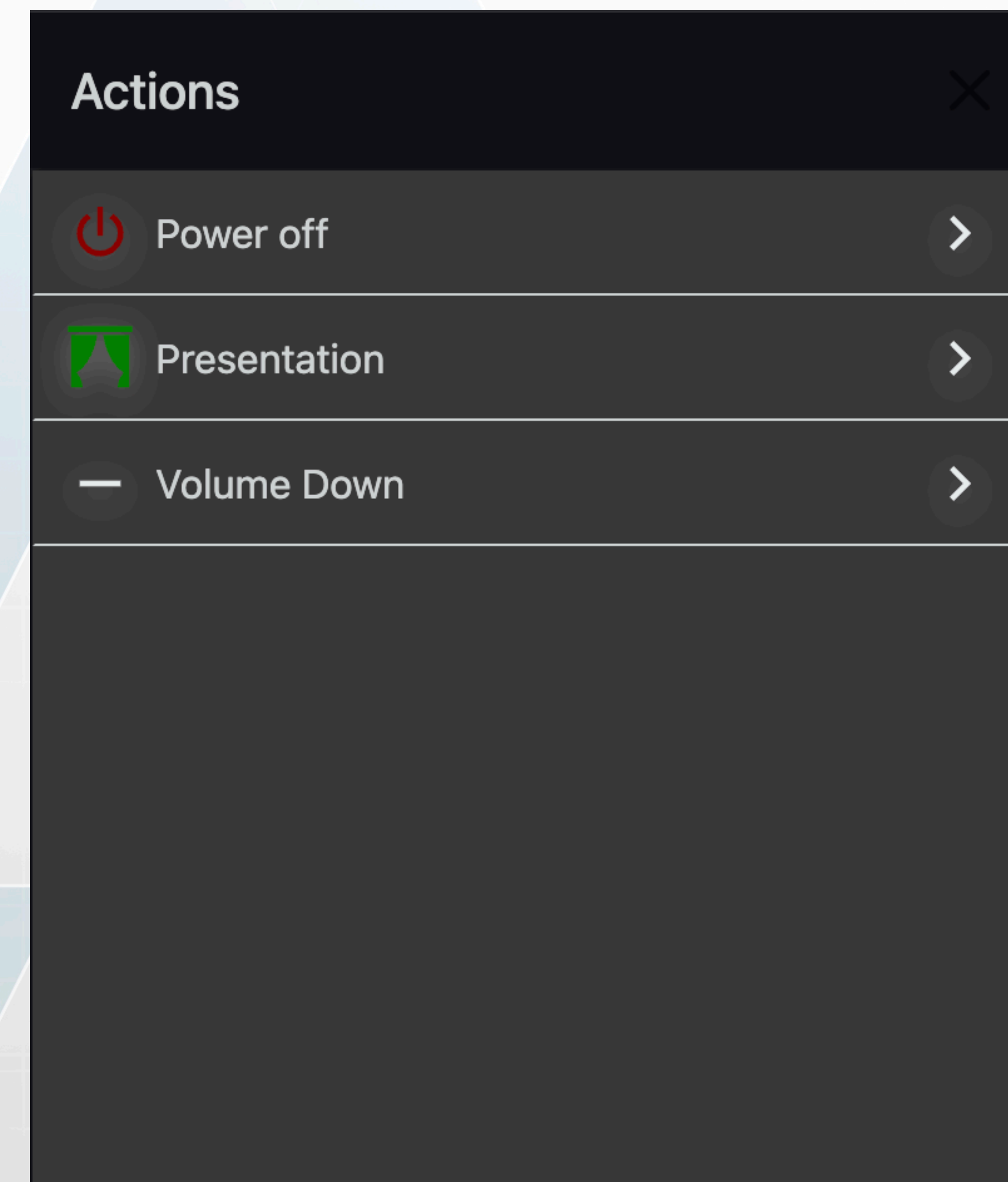
- Grid mode for routing
- Controls one display at a time
- Works well for systems with tablets and large numbers of sources



DisplayNet Controller



- Sidebar mode for Presets
- Works well for smaller touchscreens, such as phones or portrait-oriented controllers



DisplayNet Controller



- Customizable Support Information for application end users
- Application Name label allows per-user labeling of different control surfaces (for example, Office or Main Room).

DisplayNet Controller - Main Room

Support Information

Company Name	HelpMe, Inc
Primary Contact	Mr. Help
Email	support@helpme.com
Phone	(800) 421-6699
Office Hours	Monday to Friday 9am to 6pm
Website	www.helpme.com/help

DisplayNet Controller



- All settings configurable per-user in DisplayNet Manager
- Limit access to certain tagged devices and presets
- Choose which layers are controlled by routing controls

A screenshot of the DisplayNet Controller configuration interface. The interface is dark-themed and organized into sections. The "User Information" section at the top includes fields for Username (DisplayNet), Full Name (DisplayNet), and Role (Integrator), along with a "Change Password" button. Below this is the "DisplayNet Controller Options" section, which contains several settings: Application Name (Main Room), Theme (Dark Mode), Preset View Type (Grid), Routing Type (Column), Restrict to Tag (NoQuads), Show Source Labels (disabled), Show Thumbnails (enabled), Active Color (a blue color swatch), and Routing Layers (Video). There is an "Edit" button next to the Routing Layers field. At the bottom of the interface, there is a "Support Info" link and a "Configure" button.

User Information

Username: DisplayNet

Full Name: DisplayNet

Role: Integrator

Change Password

DisplayNet Controller Options

Application Name: Main Room

Theme: Dark Mode

Preset View Type: Grid

Routing Type: Column

Restrict to Tag: NoQuads

Show Source Labels: ☐

Show Thumbnails: ☒

Active Color:

Routing Layers: Video

Edit

Support Info

Configure

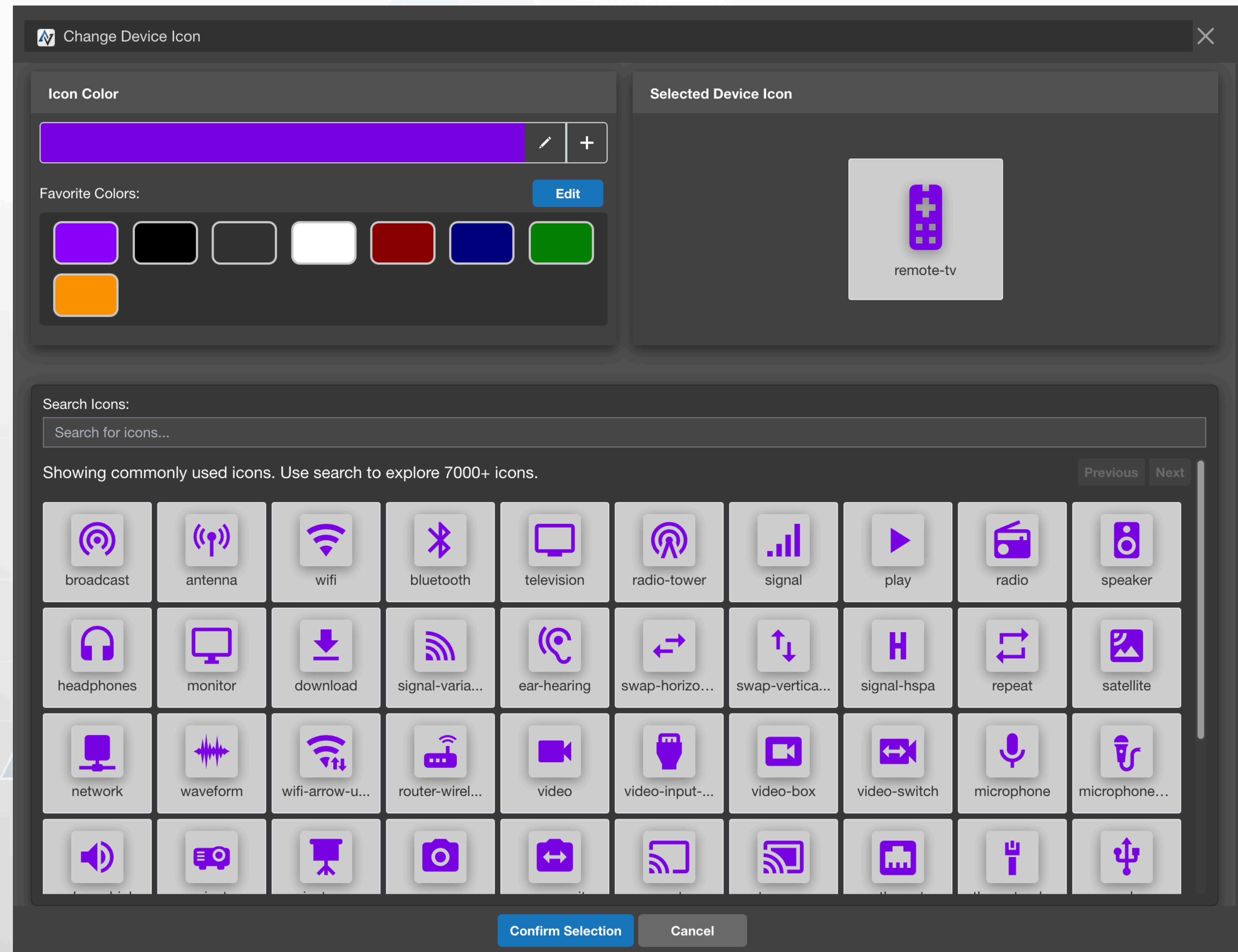
DisplayNet 4.5 Update

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New Icon System



- Device icons have been completely rebuilt
- Choose from over 7,000 icons from the Material Design library
- Select custom colors to differentiate devices of the same type
- Existing icons will be mapped when system is updated



New Icon System



- New icons are used in both DisplayNet Controller and DisplayNet Manager

DISPLAYNET

RoutingWall SetupMultiViewConsoleSettingsToolsSupport

Log In

Source Name	Resolution	Status
 Roku	3840x2160@60p	 
 shield	0x0	 
 Windows10	3840x2160@30p	 
 Windows11	0x0	 
 XBox	3840x2160@60p	 
 pip	3840x2160@60	
 two by two	3840x2160@60	

Destination Name	Resolution	Status
 Front Deck Camera	3840x2160@60p	 
 LowerLeft_hid	3840x2160@60p	 
 LowerRight	3840x2160@60p	 
 Roku	3840x2160@30p	 
 UpperLeft_HID	3840x2160@60p	 
 Wall 4K	2x2 Wall	

New Icon System



- Presets now also have customizable icons using the same system
- This allows for easier usage of presets within DisplayNet Controller

Preset Library			
Name	Type	⌵	Last Edited
 Power off	script		10/07/2025
 Power on	script		10/07/2025
 Presentation	script		10/07/2025
 Reset Room	script		10/07/2025

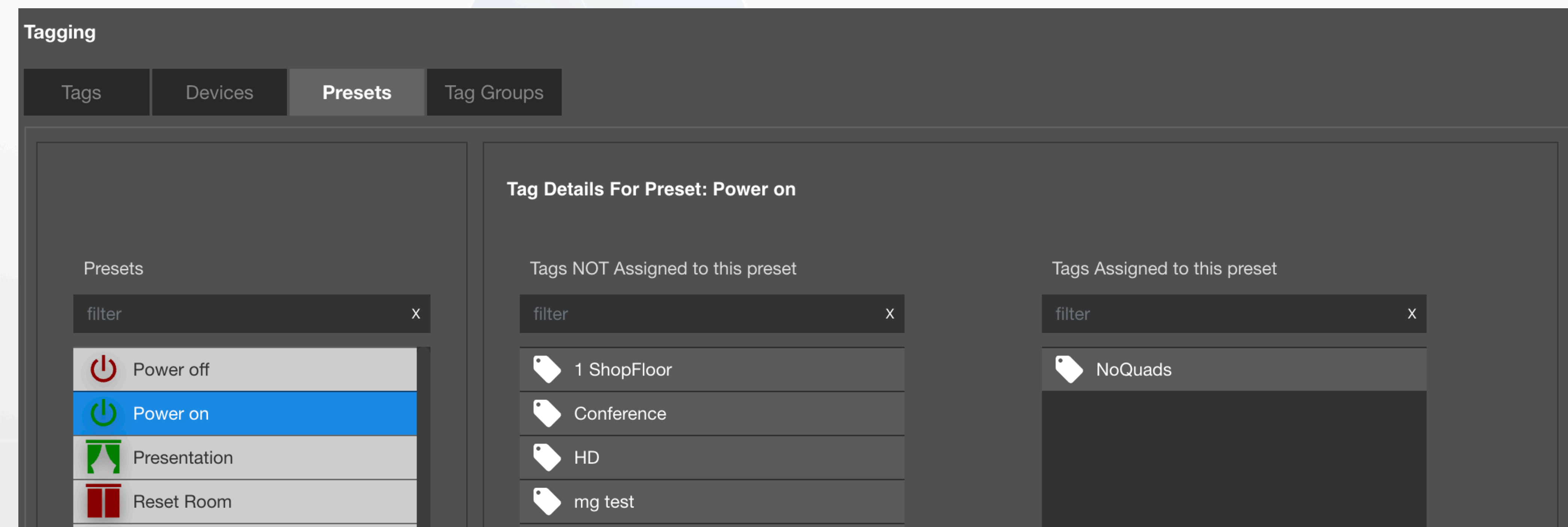
DisplayNet 4.5 Update

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- New Icon System
- **Preset Tagging**
- Enhanced System Performance
- Documentation Improvements

Preset Tagging



- Presets can now be added to Tags
- This allows integrators to restrict access to presets per-user within DisplayNet Controller



DisplayNet 4.5 Update

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- Preset Tagging
- **Enhanced System Performance**
- Documentation Improvements

Enhanced System Performance

DISPLAY^{NET}

- Improved overall application speed and stability during high-volume operations
- Better connection reliability, especially for first-time device connections



DisplayNet 4.5 Update

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- New Icon System
- Preset Tagging
- Enhanced System Performance
- **Documentation Improvements**

Documentation Improvements



- The DisplayNet Manual built into the server now includes hardware documentation for current DisplayNet endpoints
- Documentation for DisplayNet Controller has also been added

DisplayNet Hardware > DN-300 Series

DN-300 Series Hardware Manual

The DN-300 Series is a family of ultra-compact DisplayNet Transmitters / Receivers used in DisplayNet systems. These devices are designed to support [SDVoE's routing](#) of AV signals over a [10GbE network](#) with enhanced features including mode switching, PoE+ support, and H.264/H.265 streaming capabilities.



DN-300 Series Models

DN-300H (DisplayNet SDVoE Transmitter/Receiver USB HID)

The DN-300H provides single direction operation (TX or RX mode) with specialized USB HID support for instant switching of Human Interface Devices. This model is optimized for cost-effective KVM applications requiring software features with reduced hardware complexity.

DN-300T (DisplayNet SDVoE Transceiver)

The DN-300T provides bidirectional simultaneous TX and RX operation with full USB 2.0 routing capabilities. This model supports virtual hub functionality and complete transceiver operations for AV distribution applications requiring simultaneous encoding and decoding.



www.DisplayNet.com



Contributing
Member



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