

# MagnumVUE Quick Start Guide

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## REVISION HISTORY

<u>REVISION</u>	<u>DESCRIPTION</u>	<u>DATE</u>
1.0	Original Version	Jan 2012

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## 1. MODES OF OPERATION

- VUE has 3 modes of operation:
  1. **Operation Mode:** The user can interact with widgets but cannot change settings or modify layout.

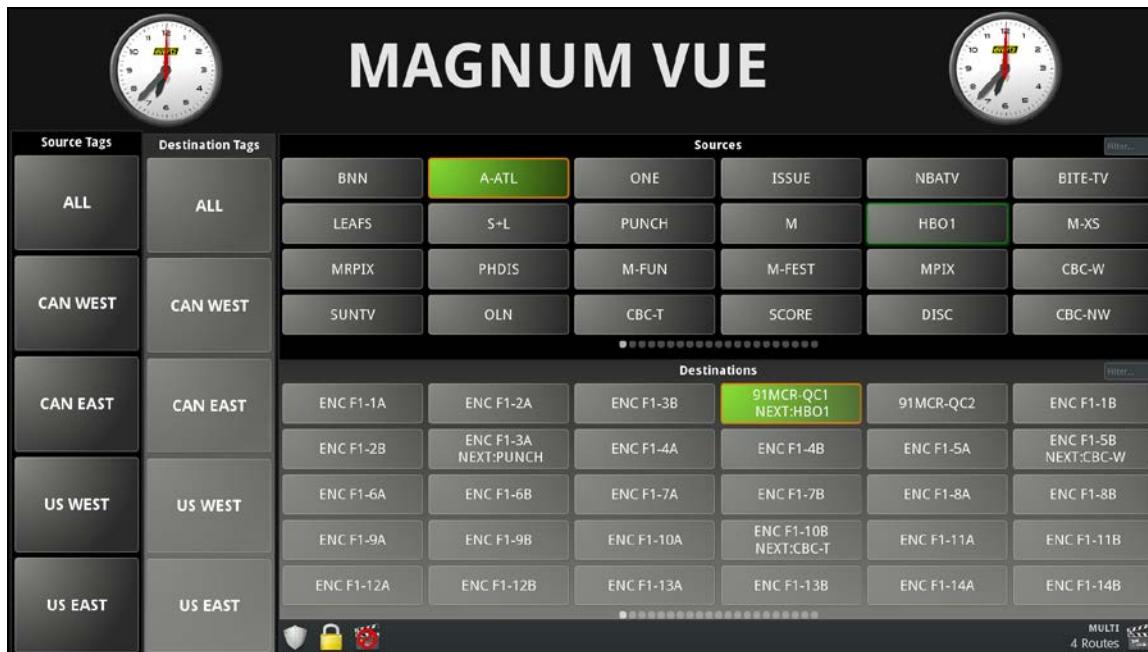


Figure 1-1: Operation Mode

2. **Layout Mode:** The user can resize widgets, modify layout, and create new widgets. The user cannot, however, interact directly with widgets.



Figure 1-2: Layout Mode

3. **Widget Edit Mode:** The user can change settings on the selected widget.



Figure 1-3: Widget Edit Mode

## 1.1. VUE Side bars

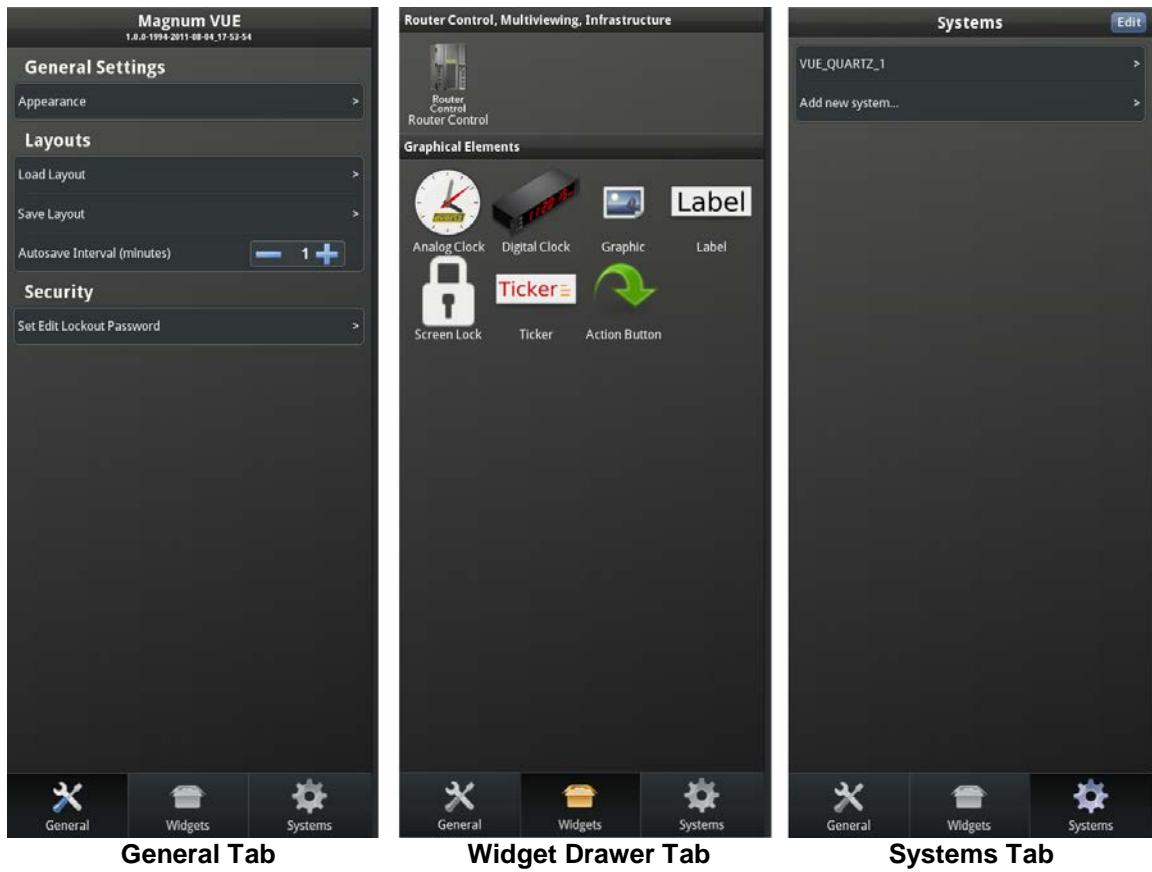


Figure 1-4: VUE Side Bars

## 1.2. Moving Between Modes

Function	Shortcut/Hotkeys
<b>Go to Operations Mode</b>	CTRL + E or Press ESC
<b>Go to Layout Mode</b>	CTRL + E
<b>Display/Hide Sidebar</b>	Tap on top-right Tool Icon or Double-click on empty area of canvas
<b>Widget Edit Mode</b>	Double-click on widget or Open radial menu and select the edit icon
<b>Return to Layout Mode from Widget Edit Mode</b>	Tap on Tool Icon in top-right corner
<b>Toggle Fullscreen</b>	Press F11
<b>Save the current layout</b>	CTRL + S
<b>Open a saved layout</b>	CTRL + O

## 2. MAGNUMVUE RADIAL MENU

MagnumVUE provides a touch-friendly editing tool in Layout Mode. There are various functions that are available when interacting with the Radial Menu. Tap on a widget in Layout Mode to display the Radial Menu.



Figure 2-1: The Radial Menu

### 2.1. Opening Widget Edit Settings



Tap the tool icon on the bottom of the menu to open the widget settings for the selected widget.

### 2.2. Scaling

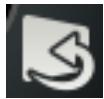


Holding down the top half of the wheel and moving towards or away from the center of the wheel allows scaling evenly around all sides of the widget. Tapping on the scale icon also expands the wheel to show the anchors which can be used to resize the widget from the sides or corners.



Figure 2-2: Adjust the Widget with the Scaling Anchors

### 2.3. Keystone



Tapping the icon on the bottom right of the wheel expands to show the anchors to adjust the keystone of the selected widget.



Figure 2-3: Adjust the Widget with the Keystone Anchors



### 2.4. Additional Edit Functions (Duplicate, Delete, Add to Group, Adjust Order)

Selecting the icon in the bottom left of the wheel expands the wheel to show additional edit functions.



**Duplicate:** Create a copy of the selected widget and automatically insert it onto the canvas.



**Delete:** Remove the selected widget.



**Add to Group:** Drag the add to group icon on top of a group to add the currently selected widget into that group.



**Adjust Order:** Adjust the order of the selected widget in relation to other widgets on the canvas.



Figure 2-4: Additional Edit Functions on the Radial Menu

### 3. ROUTER CONTROL WIDGET SETUP

#### 3.1. Setting Up a Quartz Interface System on the Magnum Server

1. Go to Magnum WebConfig (i.e. 192.168.1.254/eqx)
2. Go to **Interfaces > Quartz** tab
3. Select **Add**
4. Enter **Name** and a unique **Port #** (usually above 4000)
5. Select **Done**
  - a. You may copy a current Profile (listed in the **Profile Management** tab)
6. Edit newly created **Quartz Interface** (select pencil icon)
7. Select **Sources** and **Destinations** to include in the interface
8. Select **Done**
9. Commit Changes to the Server

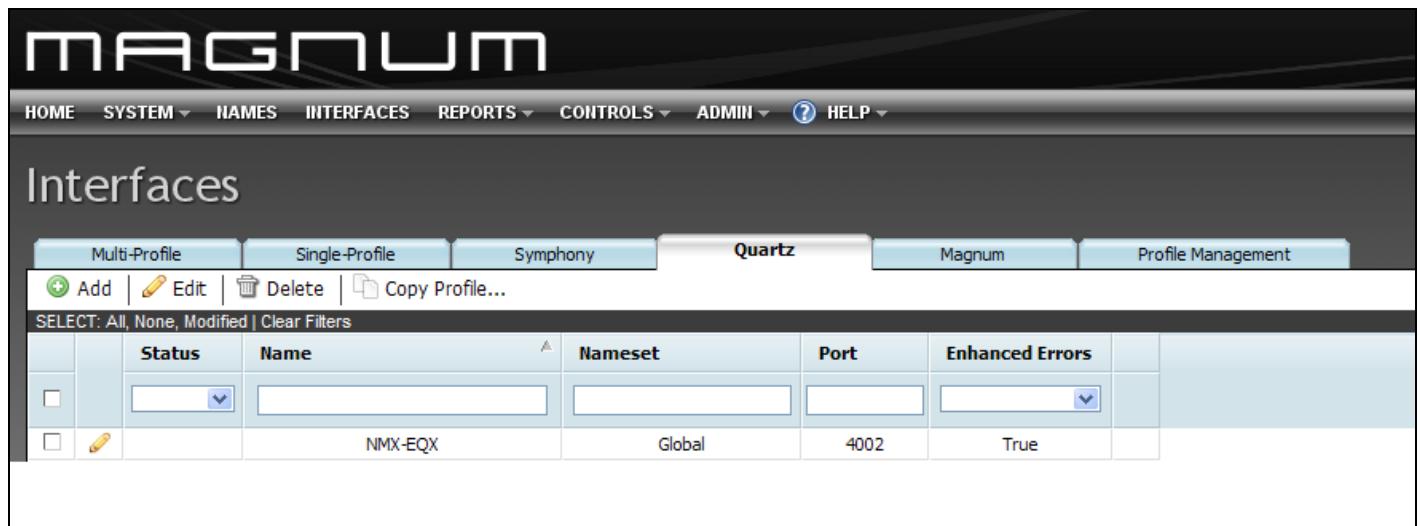


Figure 3-1: Setting Up a Quartz Interface System

#### 3.2. Adding a System to MagnumVUE

1. Start up MagnumVUE
2. Enter **Layout Mode** (Ctrl+e)
3. Go to the **Systems** tab

4. Select '**Add New System > Router Control (Quartz)**'
5. Enter in **Name**, **Server IP Address**, Quartz Interface **Port #**
6. Select **Done**
7. Ensure the System is connected, select newly created System and confirm **Connection Status**

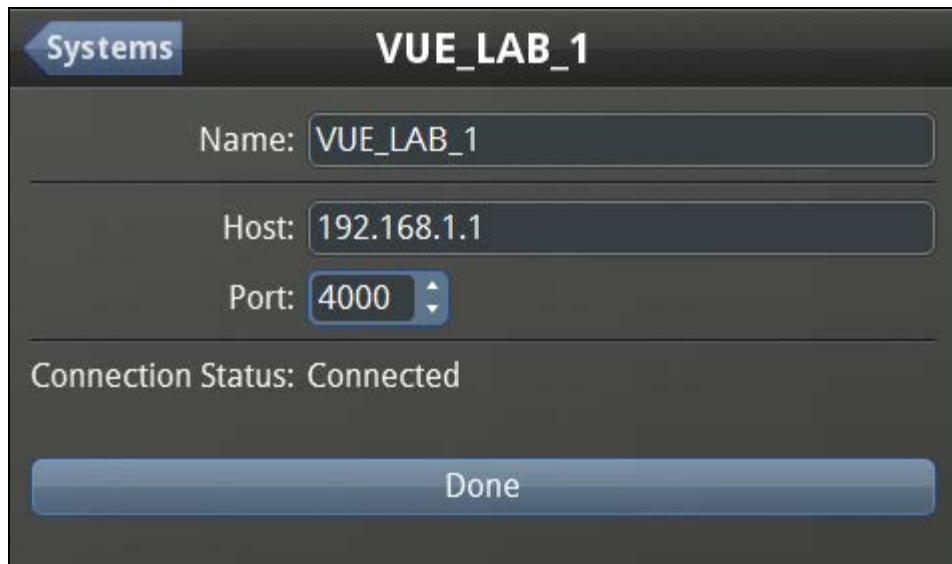


Figure 3-2: Adding a System to MagnumVUE

### 3.3. Creating an Instance of a Router Control Widget

1. Go into **Layout Mode**
2. Go to the **Widgets** tab
3. Click and drag the **Router Control** widget onto the canvas area

## 4. EDITING ROUTER CONTROL WIDGET SETTINGS

### 4.1. APPEARANCE TAB



Figure 4-1: Appearance Tab

#### 4.1.1. Font Appearance

##### 4.1.1.1. Change Font

1. Click on **Font** (Under Font)
2. Change font settings in dialog box
3. Select **Okay**

##### 4.1.1.2. Change Font Colour

1. Click on **Colour** (Under Font)
2. Change font colour in dialog box
3. Select **Okay**

#### 4.1.2. Layout Appearance

##### 4.1.2.1. Change Source/Destination Rows and Columns

1. Click on + and - signs to increase or decrease displayed rows and columns

Or

2. Select field, type in number and press 'Enter'

#### 4.1.3. Display Options

Select from the available styles to display buttons in the **Router Control** widget

- Text & Icon
- Text Only
- Icon Only

#### 4.1.4. Operations Mode

Select from the available **Take Modes** to operate in the **Router Control** widget

- Instant Take
- Explicit Take

##### 4.1.4.1. Enable Toggle Next Source

- Click toggle switch to enable/disable **Toggle Next Source**

##### 4.1.4.2. Show Current Source

- Click toggle switch to enable/disable **Show Current Source**

##### 4.1.4.3. Show Quick Filter

- Click toggle switch to enable/disable **Show Quick Filter**

## 4.2. SETTINGS TAB

### 4.2.1. General

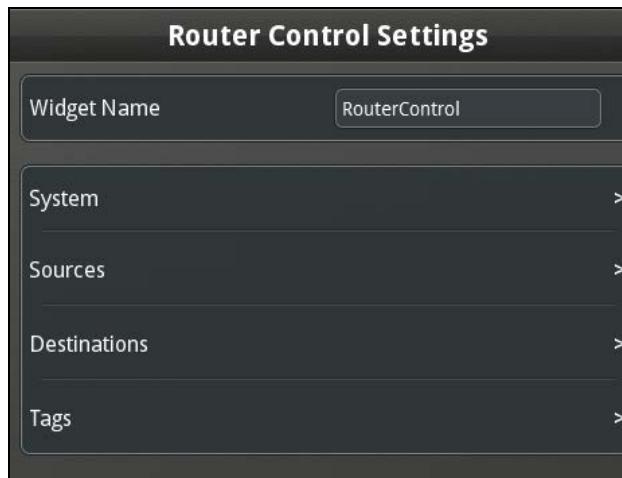


Figure 4-2: Settings Tab – General

#### 4.2.1.1. Widget Name

- Enter in a unique name for the **Router Control** widget to identify its purpose (i.e. RTR1).

### 4.2.2. Connecting to a System

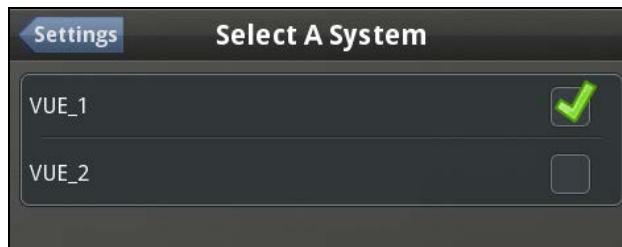


Figure 4-3: Settings Tab – Select a System

To connect the **Router** widget to an available **System**:

1. Double click on the widget to open **Router Control Widget Settings**
2. Go to the **Settings** tab
3. Go to **System**
4. Select **System** from list

### 4.2.3. Setting Sources

- Displaying/Hiding Sources in the connected System for the selected widget.



Figure 4-4: Settings Tab – Filter Sources

1. Double click on the widget to open **Router Control Widget Settings**
2. Go to **Settings** tab
3. Go to **Sources**
4. Click on **Sources** to display/hide Sources
  - a. Check box to display Source
  - b. Clear box to hide Source

#### 4.2.4. Setting Destinations

- Displaying/Hiding Destinations in the connected System for the selected widget



Figure 4-5: Settings Tab – Filter Destinations

1. Double click on the widget to open **Router Control Widget Settings**
2. Go to **Settings** tab
3. Go to **Sources**
4. Click on **Sources** to display/hide Destinations
  - a. Check box to display Destination
  - b. Clear box to hide Destination

### 4.3. MINIMIZE TAB

#### 4.3.1. Enable/Disable Minimizing Widget

- Click on toggle switch to turn on/off Minimize Anchor

#### 4.3.2. Anchor Settings

##### 4.3.2.1. Anchor Image

1. Click on **Image** button
2. Select image to use on the anchor
3. Click **OK**

##### 4.3.2.2. Anchor Text

1. Enter the desired text to be displayed on the anchor

##### 4.3.2.3. Anchor Position

1. Select which side of the widget to place the anchor
2. Click and drag the anchor in **Layout Mode** to the desired position



Figure 4-6: Minimize Tab

## 5. ROUTER CONTROL OPERATIONS MODE

### 5.1. Instant Take

- With **Instant Take Mode** selected, the **Source** will be routed to the **Destination** when it is selected.

### 5.2. Explicit Take

- With **Explicit Take Mode** selected, the **Source** will be routed to the **Destination** after hitting the **Take** button.



Figure 5-1: Explicit Take

### 5.2.1. Multi-Route (Enabled in Explicit Take Mode)

- With **Explicit Take Mode** selected, the operator can set up multiple routes before hitting the **Take** button
- Click the **Multi-Route** dialog to open up a panel of routes ready for **Take**
- To cancel all routes, select the **Clear Take** icon
- To cancel a single route, select the **Cancel** icon in the multi-route panel

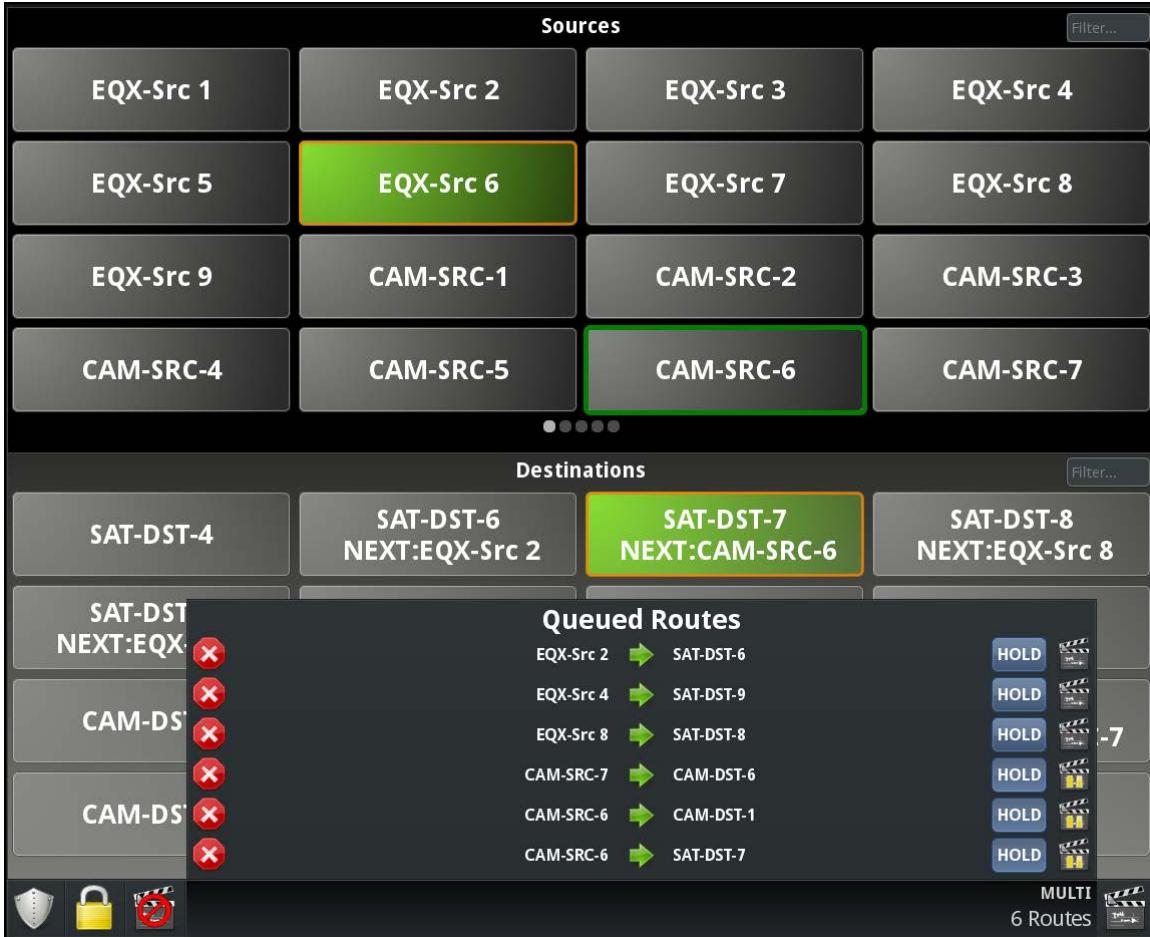


Figure 5-2: Multi-Route

### 5.2.2. Holding Routes in a Multi-Route Take

- Select the **Hold** icon in the multi-route panel beside routes to hold them on the next **Take**
- Clear the hold action by selecting the **Hold** icon again
- To clear all holds on selected routes, hold down **SHIFT** and click on the **Hold** icon

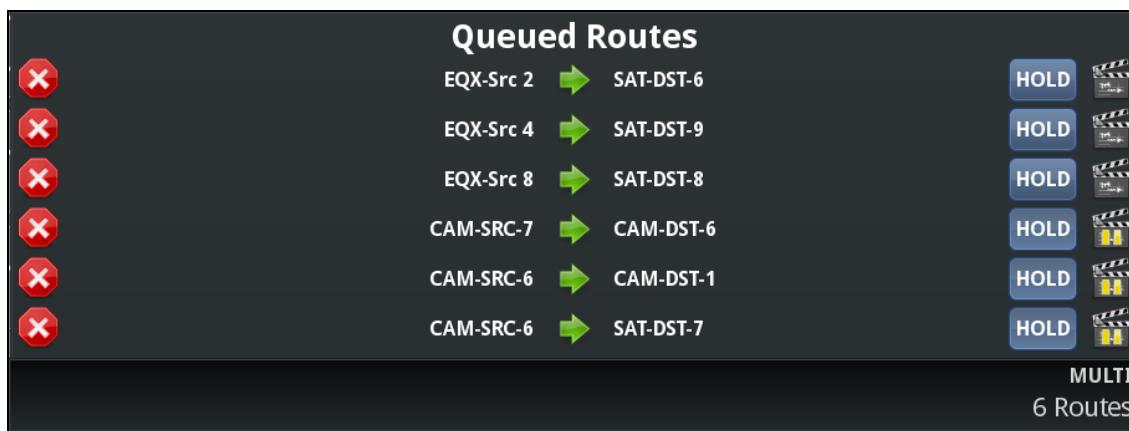


Figure 5-3: Holding Routes

### 5.2.3. Lock/Protect Destinations

#### 5.2.3.1. Lock/Unlock a Selected Destination

1. Select a **Destination**
2. Select the **Lock** icon on the bottom left of the **Router Control** widget

#### 5.2.3.2. Protect/Unprotect a selected Destination

1. Select a **Destination**
2. Select the **Protect** icon on the bottom left of the **Router Control** Widget

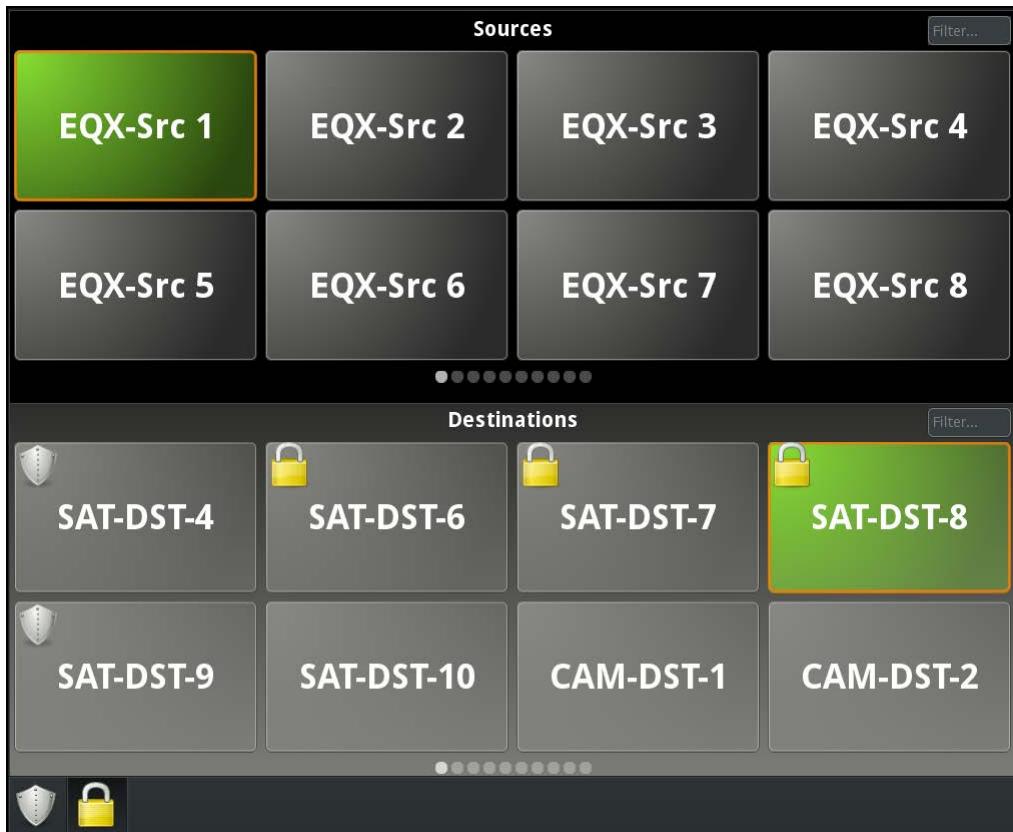


Figure 5-4: Lock/Protect Destinations

## 6. USING TAGS

### To go to Tags:

1. Double click **Router Control** widget
2. Go to the **Settings** tab
3. Select **Tags**

### To create Tags:

1. From **Tags** menu, select **Add New Tag**
2. Enter a Tag **Name**
3. Select **Sources** to display when the Tag is selected
4. Select **Destinations** to display when the Tag is selected
5. Select **Tags List** to go back to the previous menu
6. Add additional tags if necessary

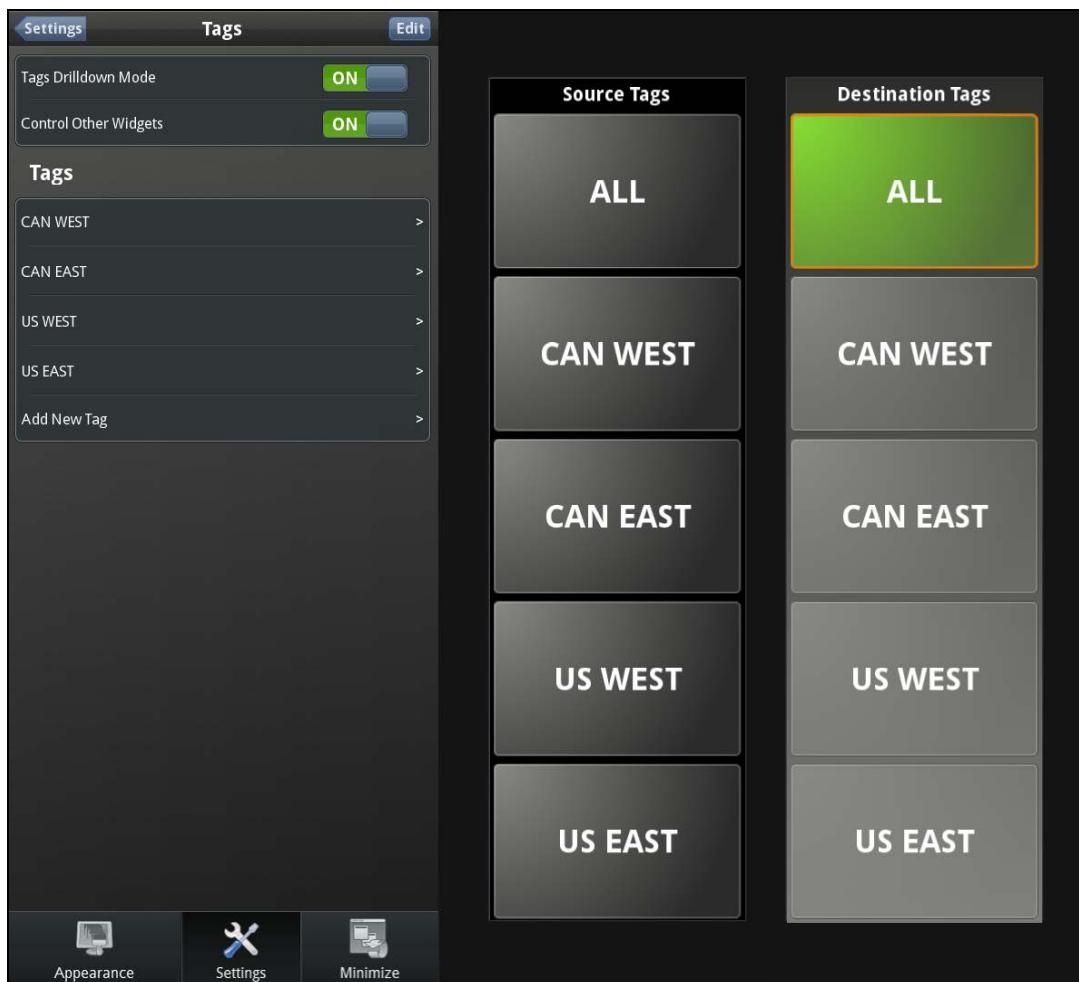


Figure 6-1: Tags

## 6.1. Tags Drilldown Mode

The **Tags Drilldown Mode** operates inside a single **Router Control** widget. This is used to display configured Tags at a top level and show grouped results in the Sources and Destinations within the same widget. The operator can jump back to the top level to select a different pool of ports using the red X icon.

### To turn on Tags Drilldown Mode (display tags):

1. From the **Tags** menu, set the **Tags Drilldown Mode** parameter to **ON**

### Using Tags Drilldown Mode:

- Ensure **Tags Drilldown Mode** is enabled
1. Select **Destination Tag** for a list of **Destinations**
  2. Click on the X icon displayed to return to **Destination Tags**
  3. Select **Source Tag** for list of **Sources**
  4. Click on the X icon displayed to return to **Source Tags**

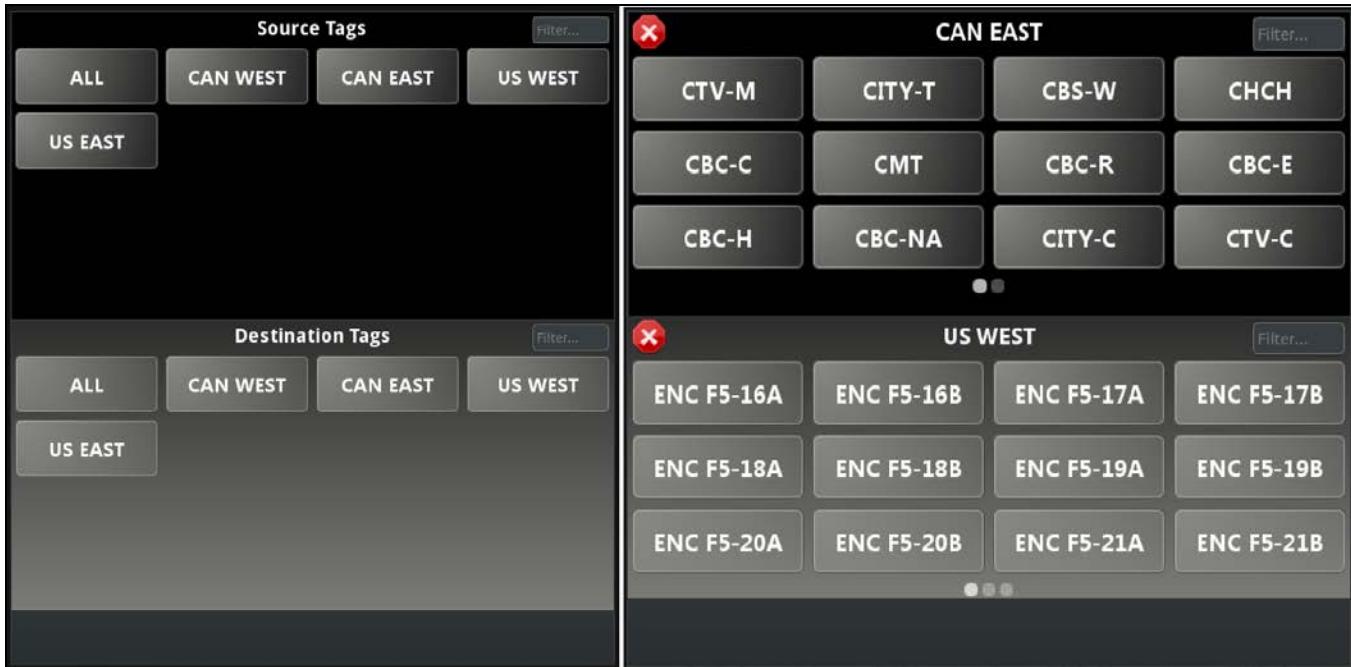


Figure 6-2: Tags Drilldown Mode

## 6.2. Tag Selector Widget

The **Tag Selector Widget** option operates across multiple **Router Control** widgets. This allows the Tags and configured ports to be presented to the operator using 2 or more **Router Control** widgets. The operator can select the Tags configured on one widget, and display the ports configured in the Tag in a different widget.

To display Tag results in another router widget (select Tags in the current router widget selected). I.e. “RTR1” router widget displays only Sources, “SRC Tags” router widget displays Tags with Sources selected in the tag.

1. Turn on **Control Other Widgets** in the “Src Tags” router widget from the **Tags** menu
2. Go to the Tag Selector Widget in the “RTR1” router widget
3. Select the **Src Tags** widget from the list
4. Enter **Operations Mode**
5. It is now possible to display the ports in the “RTR1” router widget, using the “SRC Tags” widget

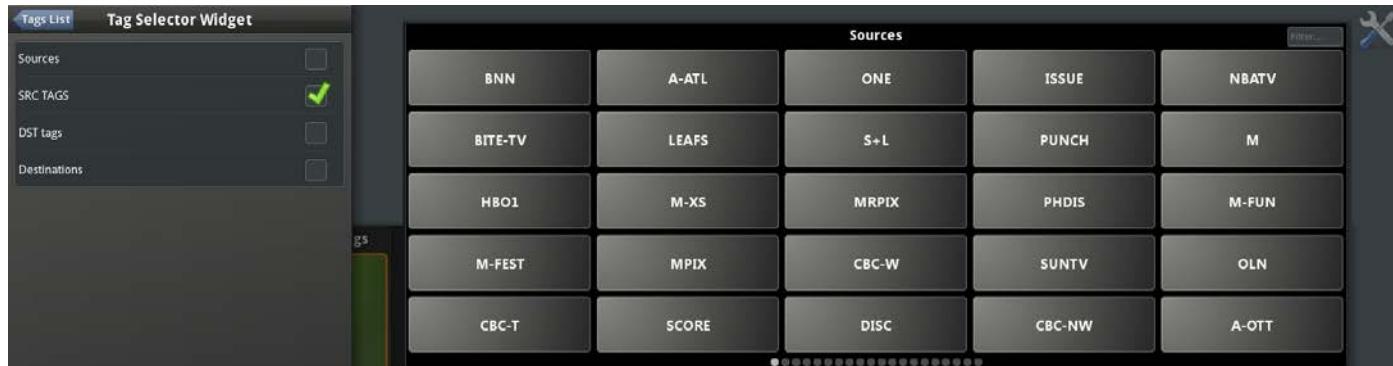


Figure 6-3: Tag Selector Widget

### 6.3. Group Router Control Widgets Together

1. Ensure the widgets are connected to the same **System**
2. Ensure the widgets are set to the same **Take Mode** (Instant or Explicit)
3. a. In **Layout Mode**, click and drag around the desired widgets  
  
Or  
  
b. Hold **SHIFT** while selecting multiple widgets
4. Select the **Group Widgets** icon
  - a. An orange border will appear around the grouped widgets
  - b. This allows routing across Router Control Widgets that are grouped together
  - c. i.e. One Router Control Widget displays only Destinations and another displays only Sources

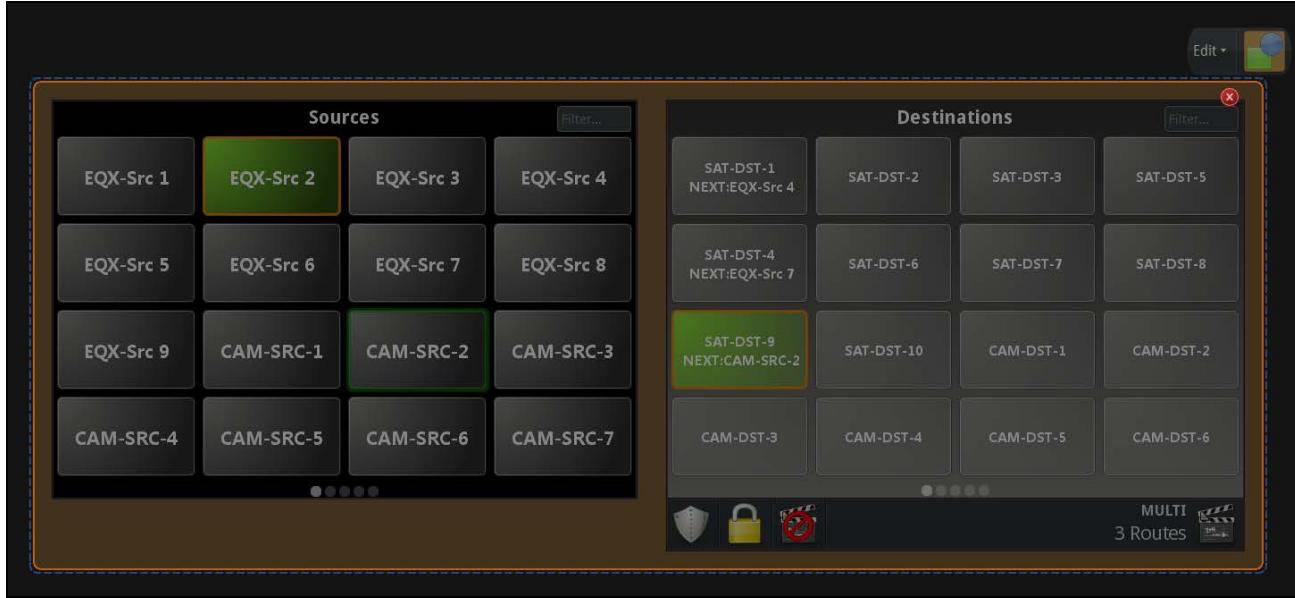


Figure 6-4: Group Router Control Widgets Together