

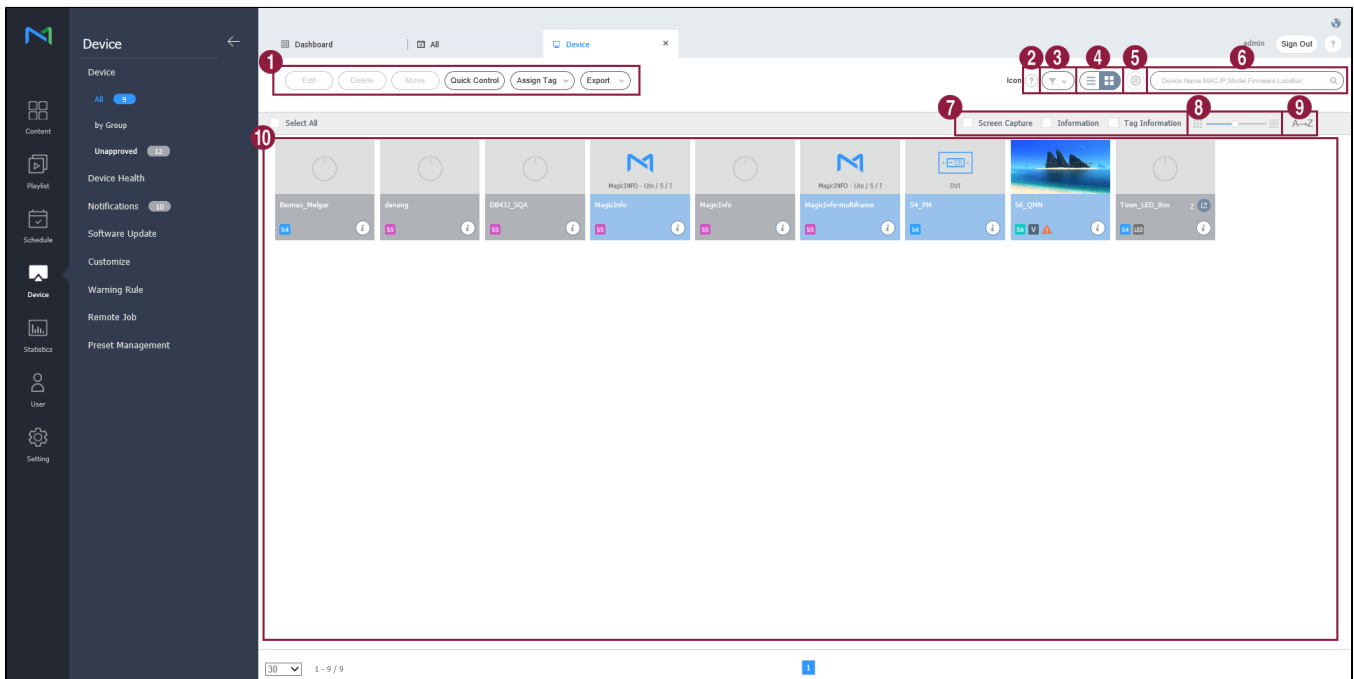
View devices connected to MagicINFO Server, retrieve details for each device, and remotely control devices. Create groups for each organization to manage devices by the group. For each organization, a default group is created by default.

Click **Device** from the sub-menu items.

- **All:** View all devices connected to MagicINFO Server, retrieve details for each device, and remotely control devices.
- **by Group:** View devices connected to MagicINFO Server by the group.
- **Unapproved:** View and authorize devices that are connected to MagicINFO Server but not authorized.

Note

- If VideoWall devices are connected to MagicINFO Server, click the appropriate menu item view details for each device.
- With Device Permissions enabled, the device manager can only manage devices authorized by general administrator or organization administrators. For details on device management privilege settings, refer to [Managing user information](#)



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- **Edit:** Edit information on the selected device. For details, refer to [Editing device information](#)
- **Delete:** Delete the selected device.
- **Move:** Move the selected device. Select a group from the "move group" window.
- **Quick Control:** View a list of frequently used remote control functions. For details, refer to [Quick Control](#)
- **Assign Tag:** Assign media or variable tags to devices. For details, refer to [Assigning tags to devices](#)
- **Export:** Export a list of devices as an Excel or PDF file.

2 View a description of icons displayed on the device list.

3 Filter the device list to view specific devices only. Select a condition from the filter settings window and click **Save**.

Note

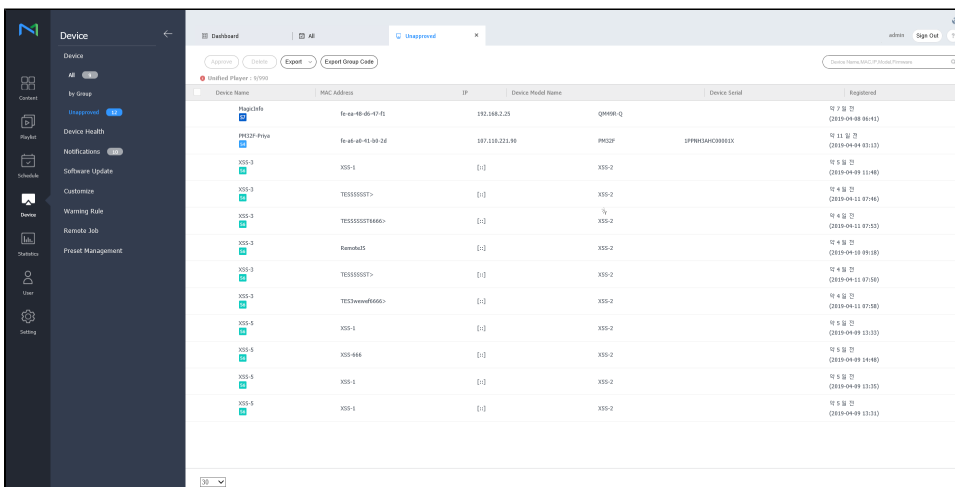
If you select Device Type, only devices that currently have licenses registered to MagicINFO Server appear.

4	Change the view mode for the device list. <ul style="list-style-type: none">  : Display devices as thumbnail images.  : Display device names and information in the device list.
5	Configure device polling settings.
6	Search devices by using keywords.
7	Select info items to display in thumbnails. This option appears only when the device view mode is set to thumbnail mode.
8	Adjust the size of thumbnails. This option appears only when the device view mode is set to thumbnail mode.
9	Display the device list in alphabetical or reverse alphabetical order. This option appears only when the device view mode is set to thumbnail mode.
10	View the list of devices. <ul style="list-style-type: none"> If thumbnail view mode is in use, click a thumbnail to select a device. To view device details, click a device name. <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p>Note</p> <p>When LED device is connected, click on  from thumbnail to manage corresponding LED. For details, refer to Manage LED device</p> </div> <ul style="list-style-type: none"> If list view mode is in use, select a checkbox to select a device. To view device details, click a device name.

Authorizing devices

View and authorize devices that are connected to MagicINFO Server but not authorized.

1. Click **Device > Unapproved**. Unapproved devices appear.



Device Name	MAC Address	IP	Device Model Name	Device Serial	Expiration
MagInfo	fc-ee-4b-4b-47-f1	192.168.2.25	QM9H-Q		적 7 일 전 (2019-09-09 04:41)
PH2P-Phoe	fc-a8-46-45-59-2d	187.139.223.90	PH2P	1P9H9AH9390EEX	적 11 일 전 (2019-09-04 03:13)
XSS-1	XSS-1	[E]	XSS-2		적 5 일 전 (2019-09-13 14:48)
XSS-3	TESS95987*	[E]	XSS-2		적 4 일 전 (2019-09-11 02:46)
XSS-2	TESS95987*	[E]	XSS-2		적 4 일 전 (2019-09-11 02:55)
XSS-3	TESS95987*	[E]	XSS-2		적 4 일 전 (2019-09-11 02:58)
XSS-3	TESS95987*	[E]	XSS-2		적 4 일 전 (2019-09-11 02:58)
XSS-3	TESS95987*	[E]	XSS-2		적 4 일 전 (2019-09-11 02:58)
XSS-5	XSS-1	[E]	XSS-2		적 5 일 전 (2019-09-13 13:33)
XSS-5	XSS-488	[E]	XSS-2		적 5 일 전 (2019-09-09 14:48)
XSS-5	XSS-1	[E]	XSS-2		적 5 일 전 (2019-09-09 13:55)
XSS-5	XSS-1	[E]	XSS-2		적 5 일 전 (2019-09-13 13:33)

2. Select a device and click **Approve**. A window appears where a device can be authorized.
3. Specify the name, group, location and expiration date. Click **OK**. The device has been authorized.

Approve Device ✕

Device Name

Device Group 🔍


Location

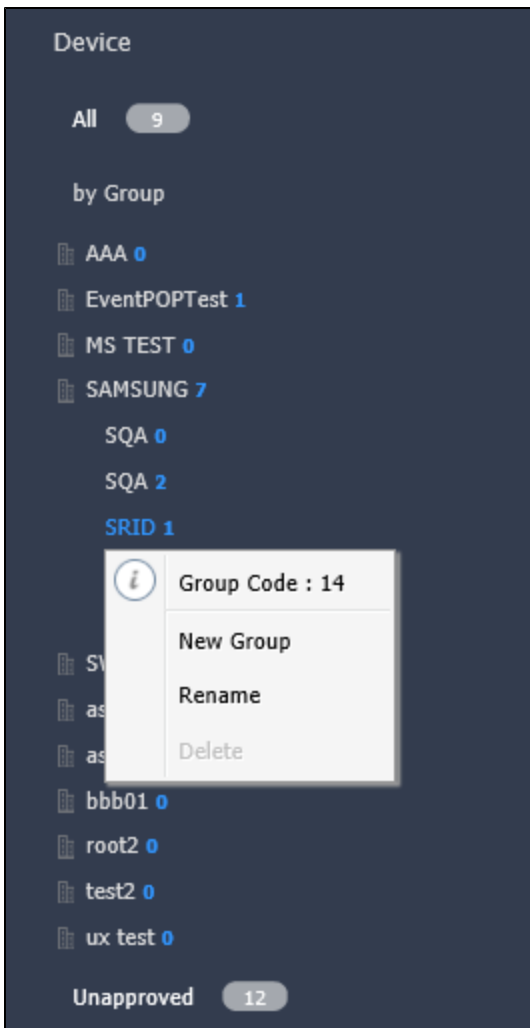
Expired 📅 Never Expire

Note

- To delete an unauthorized device without authorizing it, select the device and click **Delete**.
- To approve multiple devices of the same model simultaneously, select the device checkboxes and click **Approve**. If you enter representative names of devices, the device names are saved in the "representative name_(sequence number)" format.

Managing device groups

1. Click **by Group**.
2. Manage groups, using one of the following options:
 - Option 1: Select a group and right-click on the mouse.
 - Option 2: Place the mouse cursor on a group name and click .




New Group	<p>Create a sub-group under the selected group.</p> <div data-bbox="332 1234 1481 1373" style="border: 1px solid #ccc; padding: 5px;"> <p>Note</p> <p>A root group can be created by adding an organization. For details on adding organizations, refer to Managing organizations</p> </div>
Rename	<p>Rename the selected group.</p> <div data-bbox="332 1465 1481 1579" style="border: 1px solid #ccc; padding: 5px;"> <p>Note</p> <p>It is not possible to rename a root group.</p> </div>
Delete	<p>Delete the selected group.</p> <div data-bbox="332 1675 1481 1789" style="border: 1px solid #ccc; padding: 5px;"> <p>Note</p> <p>It is not possible to delete a root group.</p> </div>

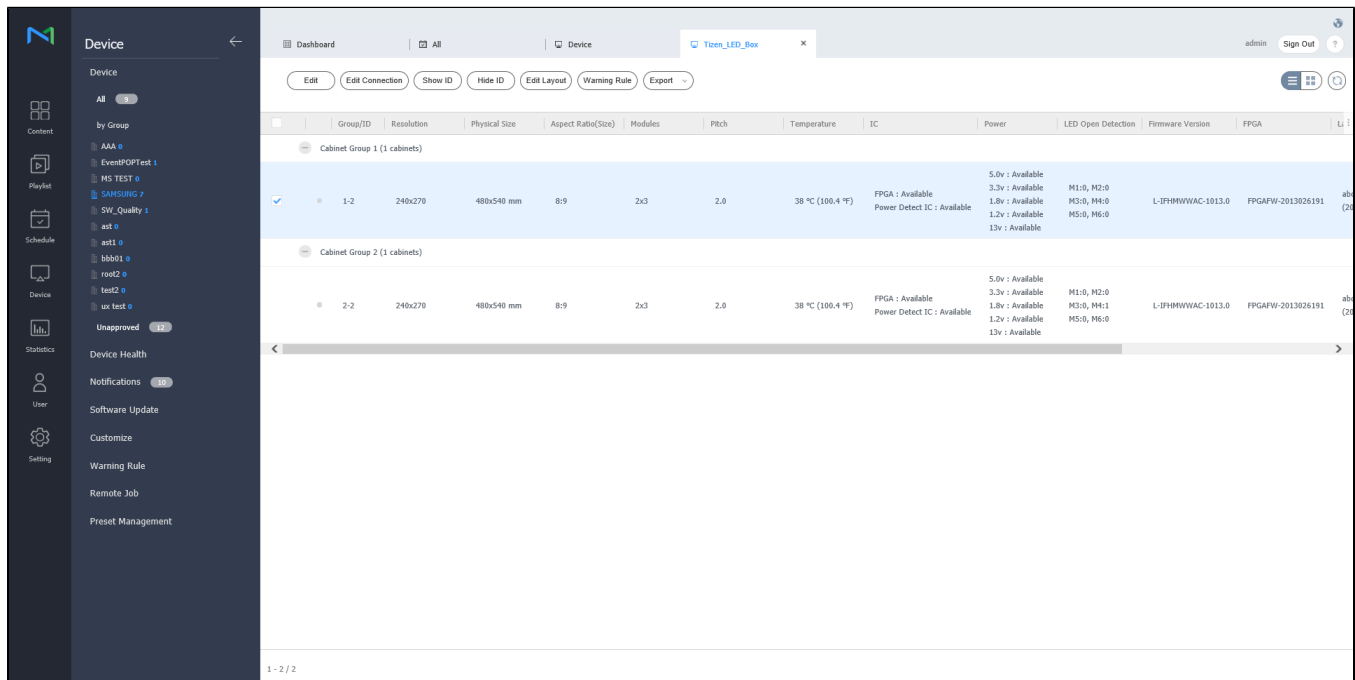
Note

- To move a group, drag the group from by Group to a desired location. Sub-groups can be moved to root groups. It is not possible to move root groups to sub-groups. When moving a group that contains sub-groups, all the sub-groups will move together maintaining the group hierarchy.
- The number of users in a group will be displayed next to the group name.

Manage LED device

You can check for the information of LED device that is connected to MagicINFO Server or manage the cabinet that is connected to LED.



Click on  from device list. A list of cabinet that is connected to LED device is displayed.



Group/ID	Resolution	Physical Size	Aspect Ratio(Size)	Modules	Pitch	Temperature	IC	Power	LED Open Detection	Firmware Version	FPGA
Cabinet Group 1 (1 cabinets)											
1-2	240x270	480x540 mm	8:9	2x3	2.0	38 °C (100.4 °F)	FPGA : Available Power Detect IC : Available	5.0v : Available 3.3v : Available 1.8v : Available 1.2v : Available 13v : Available	M1:0, M2:0 M3:0, M4:0 M5:0, M6:0	L-IFH8WWAC-1013.0	FPGAFW-2013026191
Cabinet Group 2 (1 cabinets)											
2-2	240x270	480x540 mm	8:9	2x3	2.0	38 °C (100.4 °F)	FPGA : Available Power Detect IC : Available	5.0v : Available 3.3v : Available 1.8v : Available 1.2v : Available 13v : Available	M1:0, M2:0 M3:0, M4:1 M5:0, M6:0	L-IFH8WWAC-1013.0	FPGAFW-2013026191

- 1
 - **Edit:** You can modify the cabinet you have selected.
 - **Scan Cabinet:** You can search for the cabinet that is connected to LED device. Set the desired number for each group and click on **Scan**.
 - **Show ID:** ID value can be displayed on the cabinet you have selected.
 - **Hide ID:** ID value can be hidden from the cabinet you have selected.
 - **Edit Layout:** Configure Cabinet layouts. For details, refer to [Setting Cabinet Layout](#)
 - **Warning Rule:** Cabinets with predefined errors will be indicated in red color. For details, refer to [Configuring warning rules](#)
 - **Export:** Export a list of devices as an Excel or PDF file.

- 2 Change the view mode for the cabinet list.

-  : Display cabinets as thumbnail images.
-  : Display cabinet names and information in the cabinet list.

- 3 You can update the cabinet list.

- 4 A list of cabinet that is connected is displayed.

Modify LED information

1. Select the cabinet you wish from cabinet list and click on **Edit**.
2. View and edit information and click **Save**.
To refresh the current device status, click **Current Status**.

The screenshot shows a dialog box titled "Edit SBOX_1" with a close button (X) in the top right corner. The dialog is divided into two main sections: "Cabinet Settings" and "Cabinet Calibration".

Cabinet Settings:

- ABL:** Radio buttons for "Off" (selected) and "On".
- LED No video OSD On/Off:** Radio buttons for "Off" (selected) and "On".
- Gamut:** A dropdown menu currently set to "Natural".
- Backlight:** A numeric input field set to "0" with up and down arrow buttons.

Cabinet Calibration:

- Pixel RGB CC:** Radio buttons for "Off" (selected) and "On".
- Module RGB CC:** Radio buttons for "Off" (selected) and "On".
- Edge Correction:** Radio buttons for "Off" (selected) and "On".

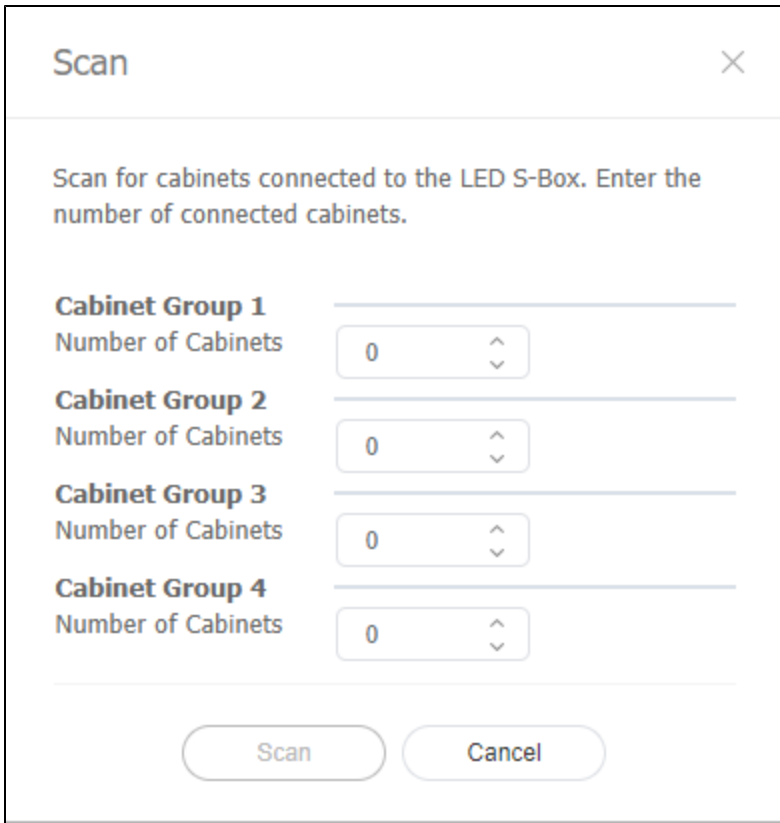
At the bottom of the dialog, there are three buttons: "Current status", "Save", and "Close".

<p>Cabinet Settings</p>	<p>a. ABL: If the video or image that is being displayed is too bright, it may cause eye strain after long periods of time. In this case, you can set to automatically adjust the brightness. In order to use the function, click ON. In order to deactivate, click OFF.</p> <p>b. Gamut: You can change the input source for the cabinet. Select the source you desire from a drop down box.</p> <p>c. Backlight: You can adjust the brightness of cabinet at a desired level (0 ~ 10 levels).</p>
<p>Cabinet Calibration</p>	<p>You can calibrate the resolution of cabinet that is connected to S-box. In order to use the function, click ON. In order to deactivate, click OFF.</p> <p>a. Pixel RGB CC: You can apply pixel RGB CC adjustment value as cabinet resolution.</p> <p>b. Module RGB CC: You can apply module RGB CC adjustment value as cabinet resolution.</p> <p>c. Edge Correction: You can apply border adjustment value as cabinet resolution.</p>

Search cabinet

You can search for the cabinet that is connected to LED device.

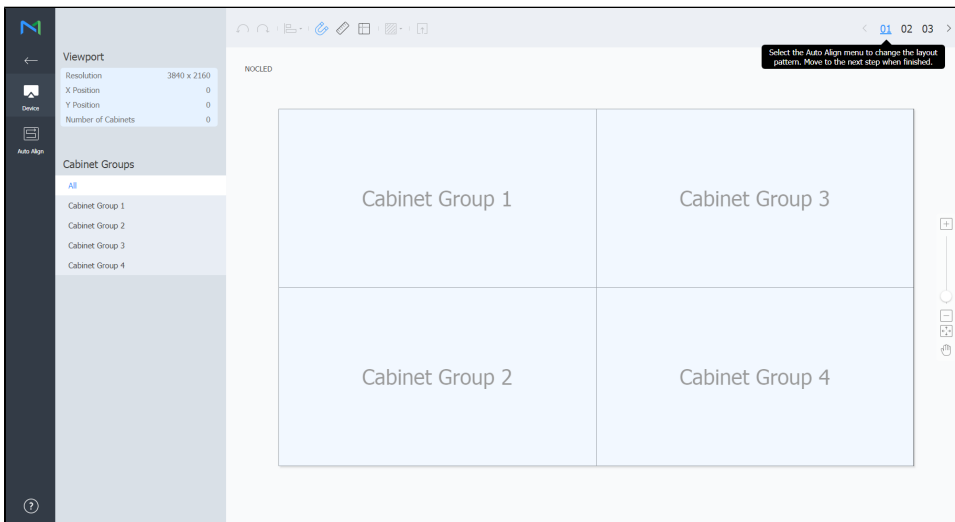
1. Select the cabinet you wish from cabinet list and click **Edit Connection**.
2. Set the desired number for each group and click on **Scan**.



Configuring cabinet layouts

Use this to configure the layout of Cabinets that are connected to the LED device.

1. Click **Edit Layout** in the cabinet list.
 - LED Layout Manager will launch.
2. Select from the cabinet groups that belong to the **device** and click **Auto Align**.



Viewport	Review the Viewport resolution and the number of cabinets that are connected to the LED device, along with their position.
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Cabinet Group


Search and select from the list of cabinet groups that are connected to the LED device.

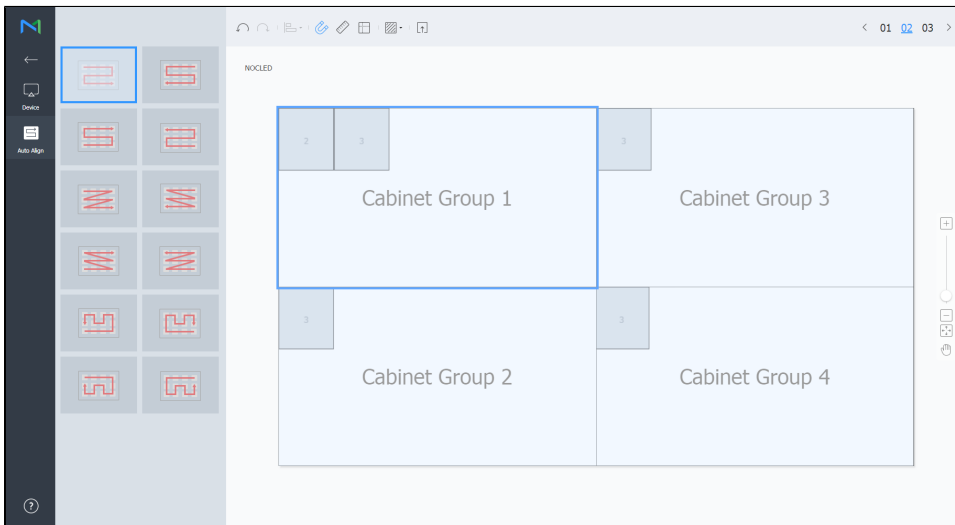


Note

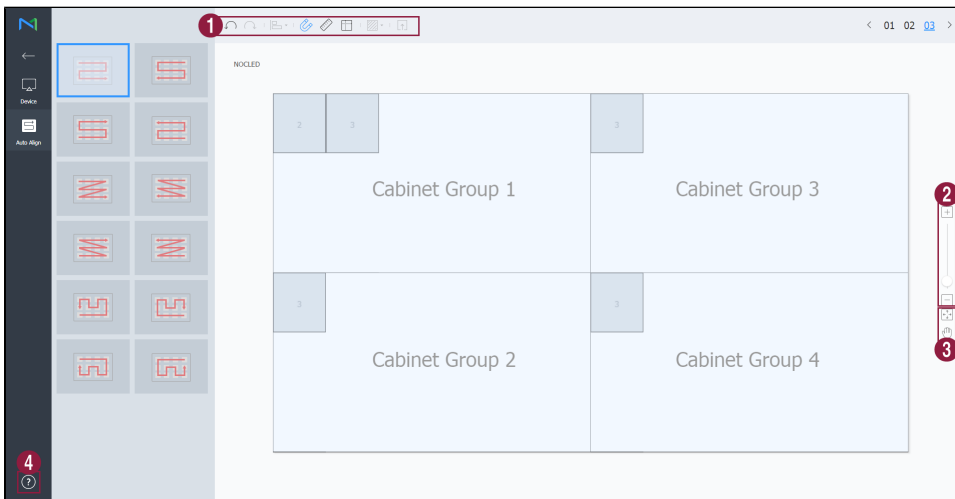
After selecting the group, you can adjust the position of individual cabinets in that group.











3. Select a layout file and click **02**.

- Click  to apply a test pattern to the cabinet.



4. Adjust the cabinet position and click **03**.



1	<ul style="list-style-type: none"> •  : Undo the last command to revert back to the previous state. •  : Redo a command that has been undone. •  : Align several cabinets based on desired alignment criteria. •  : Automatically arrange cabinets to fit the grid. •  : Display the ruler. •  : Display the guides. •  : Select the test pattern to use on the cabinet. •  : Preview the cabinet with the layout applied.
2	Zoom in or out the editor screen view. Use the slide bar to adjust the zoom level.
3	<ul style="list-style-type: none"> •  : Adjust the aspect ratio and position of the editor to fit the window for an overview of cabinets. •  : Move the selected cabinet.
4	You can review the Layout Manager version and the open source license information.

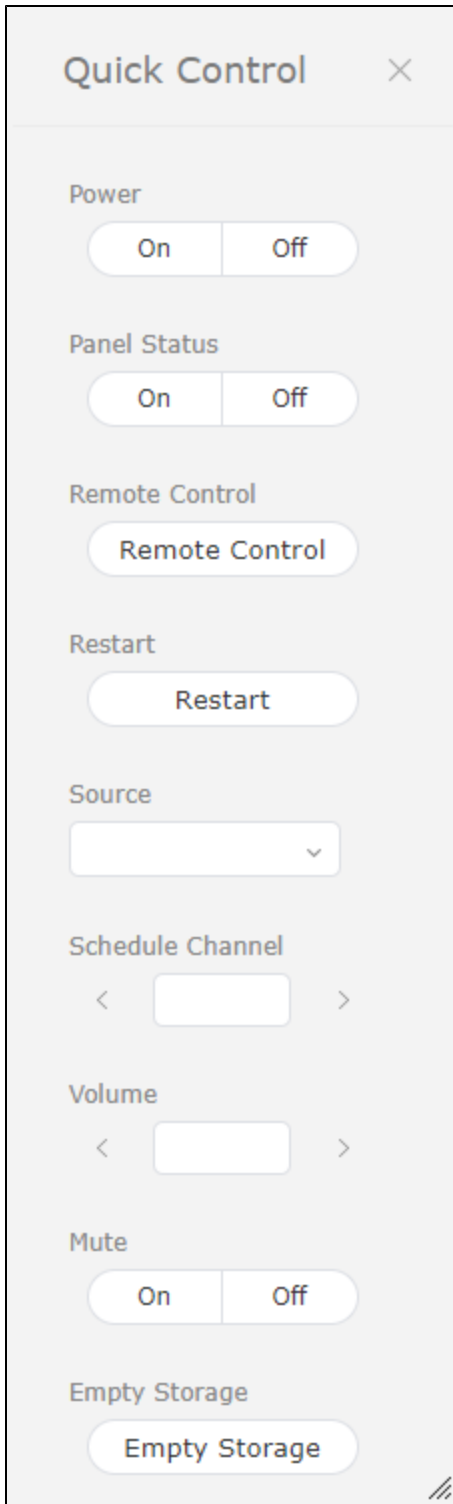
5. After editing the layout, click **Yes**.

- The cabinet layout will be saved to the server.

Quick Control

Quick Control is the collection of frequently used remote device control functions.

To use Quick Control dashboard, select a device from the list and click **Quick Control**.



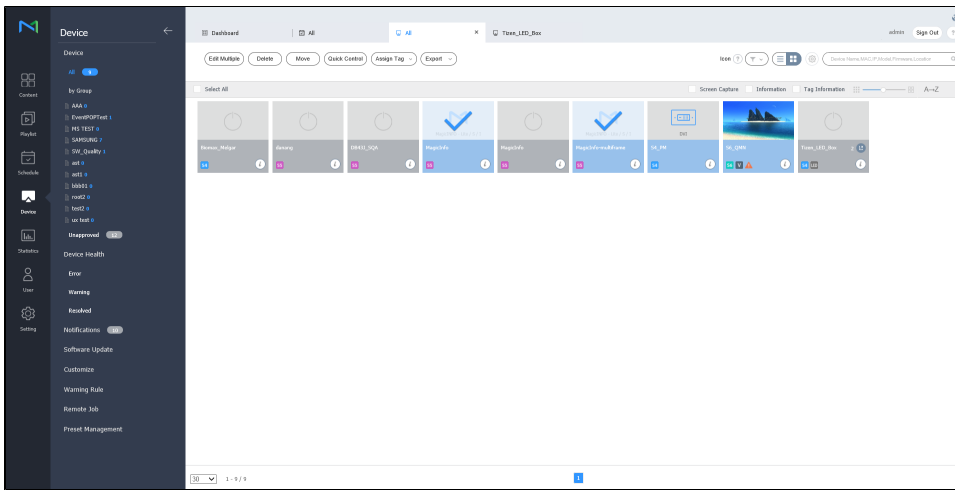
Power	Turn the device on or off.
Panel Status	Switch the device panel on or off.
Remote Control	Enable the remote access function. The remote access function is only available in I Player.
Restart	Restart the device.
Source	Select an input source from the dropdown list.

Schedule Channel	Change the device channel.
Volume	Adjust the volume of the device.
Mute	Mute or unmute the device.
Empty Storage	Empty the storage in a device.

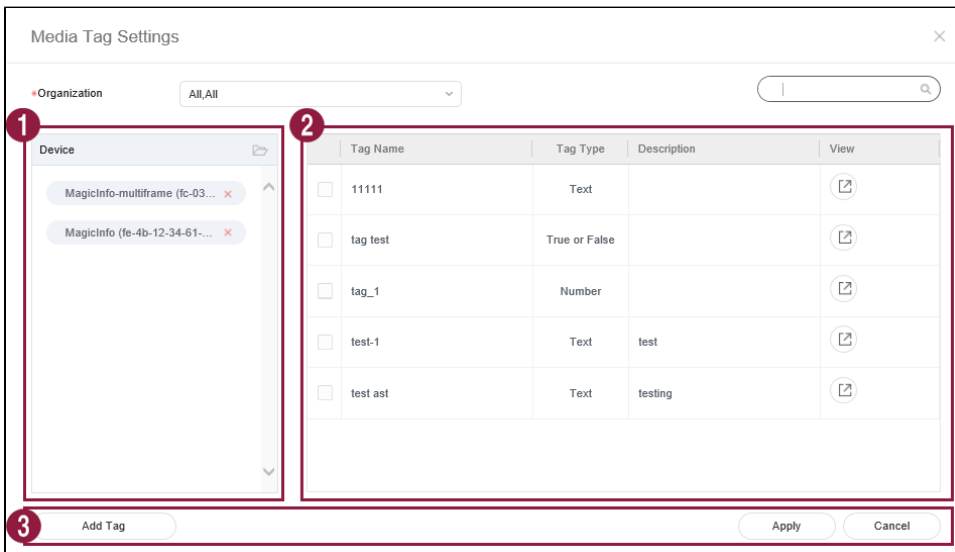
Assigning media tags to devices

Assign a tag to a device. This allows the device to selectively display information that satisfies conditions of the tag assigned to a DLK element or playlist.

1. Select the checkbox next to devices from the list and click **Assign Tag > Media Tag**. It is possible to select more than one device.



2. Use the media tag settings window to configure media tags and click **Save**.



- | | |
|---|--|
| 1 | View the list of devices. <ol style="list-style-type: none"> a. Add a media tag to individual devices. b. Click X to remove a device from the list. |
| 2 | View the list of media tags. <ul style="list-style-type: none"> • Select the checkbox next to media tags you want to assign. |

- 3
 - **Add tag:** Add media tags.
 - **Add:** Assign selected media tags to devices.
 - **Cancel:** Close the media tag settings window.

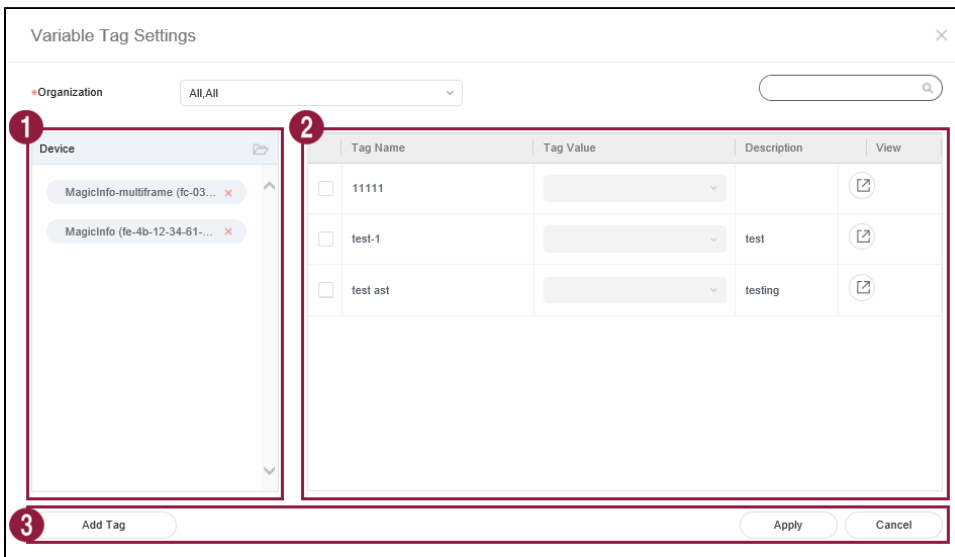
Note

To assign a tag to a device, first make sure to add the tag to MagicINFO Server. For details on adding or editing tags, refer to [Managing tags](#)

Assigning variable tags to devices

Assign variable tags to devices. This allows you to replace other tag values with content-specific variable tags.

1. Select the checkbox next to devices from the list and click **Assign Tag > Variable Tag**. It is possible to select more than one device.
2. Use the tag settings window to configure variable tags and click **Save**.



- 1 View the list of devices.
Add a variable tag to individual devices.
Click **X** to remove a device from the list.
- 2 View the list of variable tags.
Select the checkbox next to variable tags you want to assign.
To add or delete variable tags, click **Edit**.
- 3
 - **Add tag:** Add variable tags.
 - **Add:** Assign selected variable tags to devices.
 - **Cancel:** Close the variable tag settings window.

Note To assign a tag to a device, first make sure to add the variable tag to MagicINFO Server. For details on adding or editing tags, refer to [Managing tags](#)