



**ADVANCED**  
NETWORK DEVICES

## Wild Card Notifications with Web ClockWise

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## OVERVIEW

We can use Web ClockWise and the Virtual Switchboard to display text messages to AnetD devices using Wild Card variables that can be customized by the user just before sending.

## CREATING THE NOTIFICATION IN CLOCKWISE CAMPUS

Open the desktop version of ClockWise Campus, go to the Notifications tab on the main menu bar, then click on Add a Notification.

- 1.) Name the notification by typing a Label and selecting or typing a category.
- 2.) In the Audio/Text tab under Actions, type the desired message in the Message field, e.g.,  
"Student \$Xvariable\$ please come to room \$Yvariable\$"
- 3.) Please ensure that each variable name starts and ends with a dollar sign "\$" per the example.
- 4.) For Output devices, choose Web\_Interface\_Selected. This will allow the selection of specific device or group of devices when the notification runs from Web Clockwise.
- 5.) If sound or any other additions to the notification are desired, add them before selecting OK in the notification. This will save the notification.

**Note:** Make your variables more descriptive, e.g., \$Student\$, \$Staff\$, \$Teacher\$, etc.

Add new notification
✕

**Label**

Name:  Category:

Priority:

**When**

Trigger:  Source:  Channel or sub-type:  State:  Extra Action:

If this trigger source is received from a listened device or generated by ClockWise, this Notification will fire, as well the specified extra action. Set the Source to Manual to only play this Notification from the Notification table or switchboard.

**Actions**

Admin  Trigger  HTTP  Background Image  Priority Options  HD Images  Virtual Endpoint

Audio/Text  Extended Presentation  Flashers  GPIO  Timer  Brightness  Enable Categories  Clock Appearance

**Audio**

WAV file:  Volume:  # of Repeats:  Sound file length:  On new RSS data:  Read Text:

**Scrolling Text**


Type:  Message:  Fore Color:  Back Color:  Font:  Brightness:

Repeat:  times Pause between repeats:  seconds Mode:  Lines:  Speed:

Shadow:    Left  Right  Up  Down Flash:  Enable:  Interval:  % Flash:  Fore Color:  Back Color:  Shadow Color:


Custom Stream:

| Endpoint   | Location  | IP Address  | Flashers | Inputs | Outputs | Display |
|--|-----------|-------------|----------|--------|---------|---------|
| <input type="checkbox"/> PC Speakers                       | -         | 10.10.7.93  | -        | -      | -       | -       |
| <input type="checkbox"/> Brandon Gen3.2 and Gen2           | Group     | -           | -        | -      | -       | -       |
| <input type="checkbox"/> brandons test 2                   | Group     | -           | -        | -      | -       | -       |
| <input type="checkbox"/> test                              | Group     | -           | -        | -      | -       | -       |
| <input type="checkbox"/> Nested group Test Brandon         | AutoGroup | -           | -        | -      | -       | -       |
| <input type="checkbox"/> All Endpoints                     | AutoGroup | -           | -        | -      | -       | -       |
| <input type="checkbox"/> All AND Devices                   | AutoGroup | -           | -        | -      | -       | -       |
| <input checked="" type="checkbox"/> Web Interface Selected | AutoGroup | -           | -        | -      | -       | -       |
| <input type="checkbox"/> 20:46:19:10:59:27                 | -         | Unknown     | -        | -      | -       | -       |
| <input type="checkbox"/> IPSpeaker 204690e0...             | -         | 10.10.6.195 | -        | -      | -       | no      |
| <input type="checkbox"/> IPSpeaker 20469044...             | -         | 10.10.6.70  | yes      | -      | -       | yes     |
| <input type="checkbox"/> Nate HD                           | -         | 10.10.6.32  | yes      | -      | -       | yes     |
| <input type="checkbox"/> SIP SWD                           | -         | 10.10.6.39  | yes      | -      | -       | yes     |
| <input type="checkbox"/> Ceiling: Kitchen Men's Bat...     | 1S        | 10.10.6.112 | -        | -      | -       | no      |
| <input type="checkbox"/> Ceiling: Women's Bathroom         | -         | 10.10.5.182 | -        | -      | -       | no      |
| <input type="checkbox"/> GSD IPSWS GEN3 Cart A             | DemoRoom  | 10.10.5.234 | -        | -      | -       | no      |



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v1.0

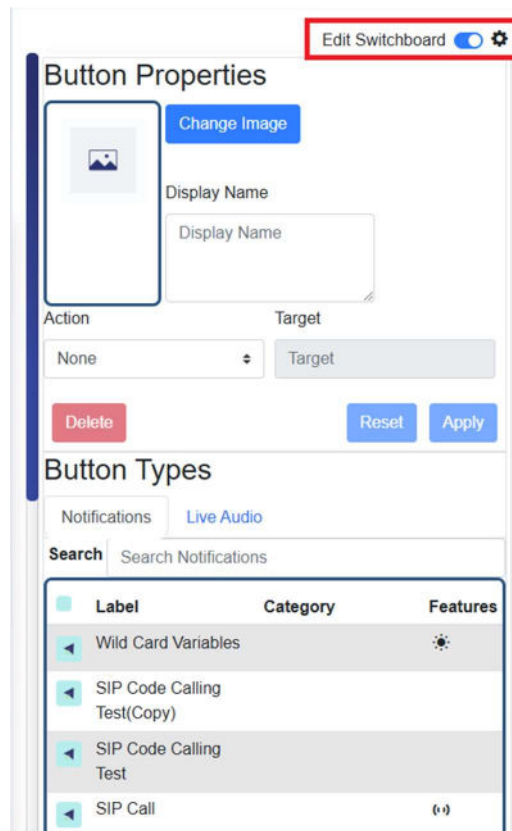
## WEB CLOCKWISE SETUP

Once the notification has been created on the desktop version of Clockwise Campus, click on Web Interface at the top right of Clockwise Campus.

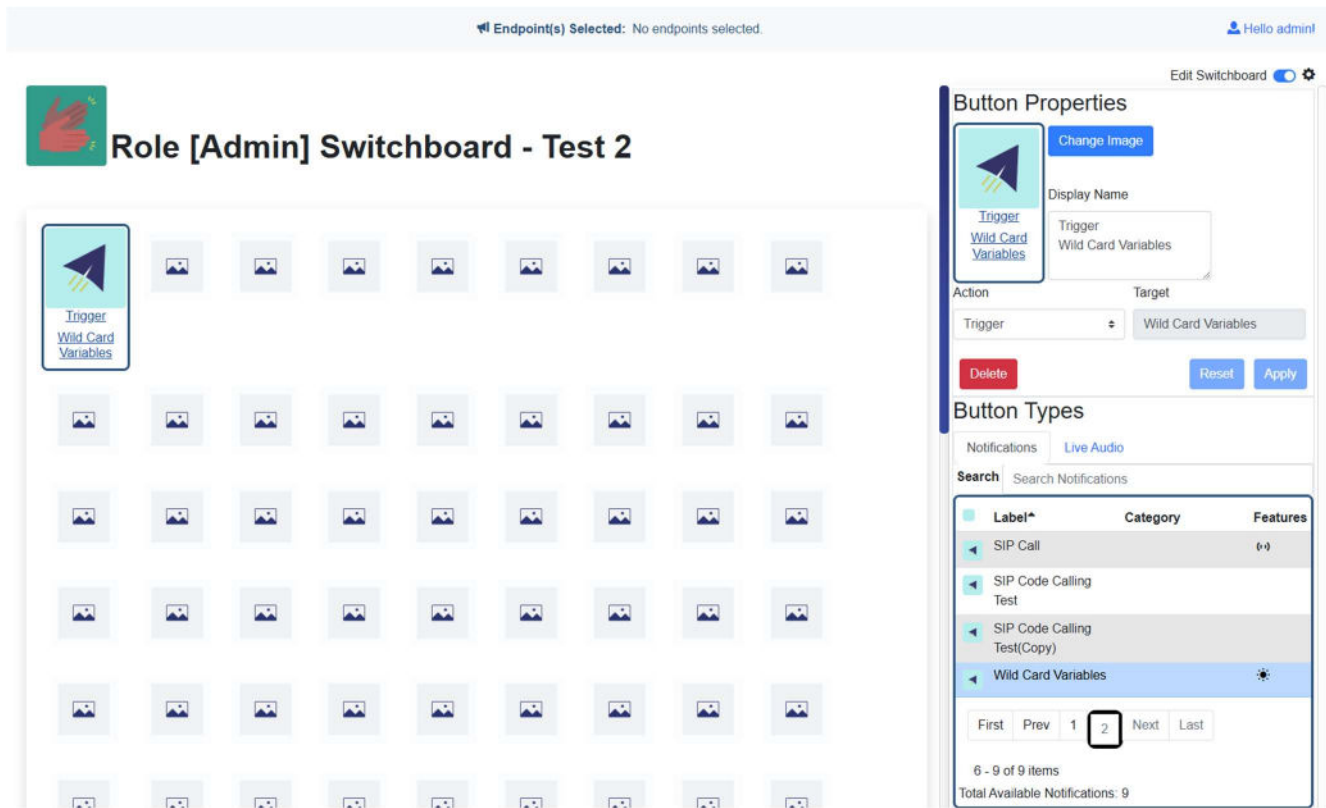
1. Sign in to Web Clockwise if requested, and under Home, click on the desired category, e.g., Admin Test 2.



2. Once inside a specific category, click on Edit Switchboard on the top right side of the page. Click on a button to edit or to create a new button/notification.



- Under Button Types, search for the notification that was created on the desktop version of clockwise, drag the notification to the button that was just created, then press Apply.



The screenshot shows the Web ClockWise interface. At the top, it says "Endpoint(s) Selected: No endpoints selected" and "Hello admin!". Below this is a "Role [Admin] Switchboard - Test 2" section. The main area is a grid of buttons. One button is selected and highlighted, showing a "Trigger Wild Card Variables" notification. To the right is a "Button Properties" panel. The "Button Properties" panel shows the configuration for the selected button, including the "Trigger Wild Card Variables" notification. Below the "Button Properties" panel is a "Button Types" section with a search bar and a table of notifications.

| Label*                      | Category | Features |
|-----------------------------|----------|----------|
| SIP Call                    |          | ☞        |
| SIP Code Calling Test       |          |          |
| SIP Code Calling Test(Copy) |          |          |
| Wild Card Variables         |          | ☞        |

- Click on Edit Switchboard again to go back to user mode.

## TRIGGERING THE NOTIFICATION

From the switchboard view, select the endpoints or group of endpoints to send the notification to by clicking Endpoints Selected at the top of the page.

**Note:** The last used group should be saved, so you only need to select this once if your notifications go to the same devices/groups each time.

- Click the switchboard button of the notification to send.
- Fill in the variable blanks for the notification and Submit your notification.

Endpoint(s) Selected: 2 Endpoint(s)



## Role [Admin] Switchboard - Test 2



Listen to  
Note



Trigger  
Wild Card  
Variables

Custom Notification: Wild Card Variables

Message: Student  please come to room

Xvariable

Yvariable

Close

Submit