



**ADVANCED**  
NETWORK DEVICES

## Bell Scheduling with ClockWise Campus

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Online Support:

<http://www.anetd.com/user-support/>

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<http://www.anetd.com/user-support/technical-resources/>

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<http://www.anetd.com/legal>

## BELL SCHEDULING IN CLOCKWISE CAMPUS

ClockWise Campus can be leveraged to create and manage multiple bell schedules via Notifications that can be sent and played back on an ANetD device at a defined day and time. This document outlines the creation of Group Endpoints and Notifications.

## CREATING ENDPOINT GROUPS

1. Navigate to the *Endpoints* tab. This tab is where groups of endpoints can be configured for each zone and/or school that will playback bell audio.
2. Select the *Add New Endpoint* button, then select *Add Group Endpoint*.
3. Enter a group name, e.g., “Elementary”, “Elementary Outdoor”, “Middle School”, etc.
4. Check all applicable devices in the table below, then click *OK* to save the group.
5. Repeat for each group you wish to create.

## CREATING NOTIFICATIONS

1. Navigate to the *Notifications* tab and select *Add a Notification* for the first bell.
2. In the *Label* section, enter a descriptive *Name*, such as “08:15 Elementary”, or “Elementary End of 1<sup>st</sup> Period Bell”, etc.
3. Type in a *Category* that describes the bell schedule, such as “Elementary – Normal”, or “Elementary – Early Release”, etc.
4. In the *When* section, select *WeekDay* to set up a Monday-Friday schedule. Add or remove days of the week as needed. Then select *Once* in the next drop-down box.
5. Enter the time of the bell. For example, “8:15:00 AM”.
6. In the *Actions* section, add a bell tone as the WAV file. If a custom audio file is not available, Sound Libraries are available for download from the ANetD Customer Portal website (<https://www.anetd.com/portal>). Include text and/or timers in the action section as well if desired.  
*Note: you can use timers to countdown the passing period.*
7. In the *Output Devices* section, select the groups to receive the bell, for example, “Elementary” and “Elementary Outdoor.”
8. Select the *OK* button to save the new bell. Below is a reference image of the above configurations in ClockWise Campus.

Add new notification

Label

0800

Category

Normal Bell Schedule

Priority

50

When

Daily

☐ Sun
☒ Mon
☒ Tue
☒ Wed
☒ Thu
☒ Fri
☐ Sat

Once

8:00:00 AM

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

.../school\_bell2.wav

Volume

3.0

# of Repeats

1

Sound file length

00:00:36

On new RSS data

☐

Read Text

☐

Scrolling Text

Type

User Text

Message

Fore Color

Def.

Back Color

Def.

Font

Brightness

100

Repeat

1 times

Pause between repeats

0 seconds

Mode

Auto

Lines

1

Speed

6

Color

Def.

Direction(s)

☐ Left
☐ Right
☐ Up
☐ Down

Flash

☐

Interval

1000

% Flash

50

Fore Color

Def.

Back Color

Def.

Shadow Color

Def.

Custom Stream

None

Uncheck All

Check All

Output devices

Endpoint	Location	IP Address	Flashers	Inputs	Outputs	Display
<input checked="" type="checkbox"/> test	Group	-	-	-	-	-
<input type="checkbox"/> Blg Alarm 56-11		10.10.7.4	-	-	-	no
<input type="checkbox"/> Demo IPSWDHD-MW HD...	DemoRoom	10.10.4.255	-	-	-	no
<input type="checkbox"/> Ethan DS MB		10.10.5.228	-	-	-	no
<input type="checkbox"/> IPBTN-VIS Prototype		10.10.6.45	-	-	-	no
<input type="checkbox"/> IPSpeaker 2046f90301bd		10.10.7.109	-	-	-	no
<input type="checkbox"/> IPSpeaker 2046f9044002		10.10.5.183	yes	-	-	yes
<input type="checkbox"/> IPSpeaker 2046f90a04f4		10.10.7.154	-	0.0	0.0	no
<input type="checkbox"/> IPSpeaker 2046f90a7b9a		10.10.7.151	-	0.0	0.0	no
<input type="checkbox"/> IPSpeaker 2046f90a9618		10.10.5.129	-	-	-	no
<input type="checkbox"/> IPSpeaker 2046f91000ca		10.10.4.33	-	0.0	0.0	no
<input type="checkbox"/> IPSpeaker 2046f9103a0d		10.10.4.25	-	0.0	0.0	no
<input type="checkbox"/> Wall: Scott's Office	2S	10.10.7.110	-	0.0	0.0	no
<input type="checkbox"/> Catwalk DS - AIO		10.10.5.206	yes	-	-	yes
<input type="checkbox"/> Ceiling: Women's Bathroom		10.10.5.182	-	-	-	no
<input type="checkbox"/> Dan's: D-Wide New Disp <...	2NInorth winglofficel<td...	10.10.5.243	yes	-	-	yes

Test Now

Stop

OK

Cancel

9. Right-click on the bell notification that was created in the Notification list and select *Duplicate and Edit* to quickly create a copy and open up the new notification copy for editing.
10. For each additional bell repeat the previous steps. Be sure to change the label, time and any other options unique to the next bell.
11. After adding all bells, disable the non-active bell schedules (e.g., early release or holiday schedules): From the *Notifications* tab, right-click on one of the bells from the non-active schedule in the list of *Notifications*, and select *Disable Category*. Repeat for each category to disable.

For future reference, the *Notifications* tab can be used to disable the active bells and enable an alternate bell schedule using the same context menu options. Double-click or right-click and select *Edit* for any existing bell notifications in the list to make changes.

## (OPTIONAL) ENABLE CATEGORIES TAB

Bell schedules can be configured to automatically change based on specific dates.

1. In the *Notifications* tab, add a notification and enter a label (e.g., “Disable ES Normal Bells”).
2. In the *When* section, select *One Time* or *Yearly-Once* and then select the date and time to disable the schedule.
3. Select the *Enable Categories* tab within the *Actions* section. Select “Disable” then select the *Target Category* that corresponds to the bell schedule to disable (e.g., “Elementary – Normal”).
4. Select *OK* to save the notification.

**Note:** A pop-up notification will be displayed that no endpoints are selected. Since they are not needed for this notification, click *OK* to save.

5. Duplicate this notification but for this Notification select *Enable* with the *Target Category* changed to the bell schedule to enable (e.g., “Elementary – Early Release”). Be sure to change the *Label* to match the expected result of the notification (e.g., “Enable ES Early Release”). Select *OK* to save the notification. Below is a reference image of the above configurations in ClockWise Campus.

**Note:** A pop-up notification will be displayed that no endpoints are selected. Since they are not needed for this notification, click *OK* to save.

Add new notification X

**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

This can be used to enable (or disable) a selected category of notification (all notifications can be labeled with a category to effectively group them into common functions).

This might be handy by having a notification (or pushbutton via the switchboard) enable or disable a series of notifications (i.e. in the same category).

Enable/Disable:  Target Category:

Custom Stream:

Endpoint	Location	IP Address	Flashers	Inputs	Outputs	Display
20:46:f9:10:1a:52	-	Unknown	-	-	-	-
20:46:f9:10:59:27	-	Unknown	-	-	-	-
IPSpeaker 2046f9044...	-	10.10.6.70	yes	-	-	yes
IPSpeaker 2046f90e0...	-	10.10.6.195	-	-	-	no
IPSpeaker 2046f905a905	-	10.10.5.139	-	-	-	no
ZoneC2 TS	Panic Alarm	10.10.5.178	-	-	-	no
PC Speakers	-	10.10.7.93	-	-	-	-
Brian's Headline Clock	-	10.10.5.201	yes	-	-	yes
Connor's Headline Clock	-	10.10.6.131	yes	-	-	yes
Greg's Headline Clock	-	10.10.5.159	yes	-	-	yes
Sales/Marketing Headline ...	-	10.10.6.16	yes	-	-	yes
00:e0:4c:68:68:7f	-	Unknown	-	-	-	-
20:46:f9:03:59:9d	-	Unknown	-	-	-	-
20:46:f9:05:90:f5	-	Unknown	-	-	-	-
20:46:f9:06:5a:1c	-	Unknown	-	-	-	-
20:46:f9:06:87:a6	-	Unknown	-	-	-	-

The bell schedule will now change on the day and time selected. Be sure to add a pair of notifications for each schedule transition. One to disable the active bells and another to enable the new bell schedule.