## **USER GUIDE**

# BYTELLO DMS-DEVICE MANAGEMENT SYSTEM

	D	DMS Training(Admin)	V		🔔 Eme	rgency ල	Enroll 🕅 Info C	enter 🌐 E
Devices	~	Devices / All types All types Group:	All (6) 🗸					Select Command
☆ Advanced	~							
E Records	~	All types	V	Search device name	Select Status	$\vee$	Select tags	~
፰ System <sup>●</sup>	~	Select time zone	~					
		Select all	List 88 Grid					
					Device is offlin	ie	Device is	offline
		E-04-22	C3 🖂	⊑ L75СС-В — [] =	💿 B-12-05	□ 🖂	A-11-01	□ Ξ
		Device is offlin	3	Device is offline				
		B-Ex-03	0 ⊟	₩43PNA	J			
				TRIUMPH BOARD®				

Update:2022 Mar

#### **Table of contents**

1. Introduction	4
1.1 Intro	4
1.2 Register account	4
1.2 Device enroll	5
1.3 Dashboard	6
1.3.1 Organization info	6
1.3.2 Online trend	6
1.3.3 Offline device	6
2. Devices	7
2.1 Device view	7
2.1.1 List view	7
2.1.2 Grid view	7
2.2 Device details	8
2.2.1 Basic	8
2.2.2 Commands	8
2.2.3 Data	8
2.2.4 Application	8
2.3 Device Group	9
2.3.1 Choose group & Add new	9
2.3.2 Group: Auto-allocation	9
2.3.3 Group: Manual selection	9
3. Send a command	10
3.1 Select & send	10
3.2 Command time mode	11
3.2.1 Execute now	11
3.2.2 Timed mode	11
3.2.3 Recurring mode	11
3.3 Offline mode	12
3.3.1 Offline mode	12
3.3.2 Recall an offline command	12
3.3.3 Commands with offline mode	12
4. Manage	13
4.1 Device control	13
4.1.1 Power on	13
4.1.2 Power off	13
4.1.3 Reboot	13
4.1.4 Bells	13
4.1.5 Screen lock	14
4.2 Message	14
4.2.1 Text	14
4.2.2 Multimedia	15
4.2.3 File publish	15
4.2.4 Alert	15
4.2.5 Live channel	16
4.3 Device settings	17
4.4 Screen control	17

4.4.2 Screen control	18
5. Advanced manage	20
5.1 Applications	20
5.2 Android only - Input Switch	21
5.3 Firmware update	22
5.4 DMS client update	22
6. Profile	23
6.1 Security - Blocking	23
6.2 App Manage	24
6.3 Wi-Fi	24
6.4 Wi-Fi Allow list	25
6.5 Certificate	25
6.6 Device settings	25
6.4 Associate devices	27
7. Records	28
7.1 Command history	28
7.2 History details	28
7.3 Command in schedule	29
8. Resources	30
8.1 Images	30
8.2 Videos	30
8.3 Audios	30
8.4 Apps	30
8.5 others	30
9. User	31
9.1 Add a user	31
9.1.1 Input email address	31
9.1.2 Choose role & device groups	31
9.2 Custom role	31
10. System	33
10.1 Organization	33
10.2 Password	34
Bytello DMS LOCK	34
Screen LOCK	34
10.2 Personal settings	34
Change admin email	34
11. WOL service	35
11.1 Setup Bytello WOL Service	35
11.2 WOL Server on web	36

# 1. INTRODUCTION

# 1.1 INTRO

Bytello DMS is a web-based software that simplifies the management of your campus equipment.

With the DMS software, you can enjoy cluster management functionality for your interactive flat panels. Options include status monitoring, panel grouping, time and channel switching, volume control, and information bulletins. Everything you need is available in the same unified space.

# **1.2 REGISTER ACCOUNT**

Step one: Check the mail inbox of the bytello account invitation to get the unique registration link.

Step two: Fill out the registration form.

Admin Email	
in mailin@engl.com	
* Username	
Password	8
Confirm Password	
	8
Organization	
l accept the User Agreemer	$\underline{n}$ and confirm acceptance of the

Step three: Once been approved, login dms.bytello.com

# 1.2 DEVICE ENROLL

#### Enroll method

Login to <u>dms.bytello.com</u>, Click [Enroll] on the top bar to see enroll method.

Bytello DMS	DMS Training ~		Emergency	ලා Enroll	Infor center	8
☑ Dashboard ☑ Devices	Devices					
슈 Advanced ~ 더 Records ~						
≆ System +	• / • 1 • 1	Device Encoded Binding through the Bytelio DAIS app on <u>Option 1</u> There connection into Uption 2 Device 2 Marce 2	tt the device. Enrollment us bioad enrollment file.jsoo sere the application is the U disk in to the device bid the information is recliment file.jsoo	12 ing USB	modify. L	

#### Fill in the information on the client

Input 'Organization code' and 'Admin account' on Client to enroll this device to the organization. Download DMS Client here: <u>http://www.bytello.com/dms</u>

	Bytelio DMS 🛛 🖶 Not enroll yet	
	Welcome to Bytello DMS	
	Device management system has capabilities of remote control and information publish for the enterprises, schools and other organizations. Learn more: <a href="https://www.comtime">www.comtime</a> and other organizations.	
	Contact a local resulter to register an account and get Free 60 days trial.	
÷	Enroll device	

Enroll	Live channel	Detect	Settings	About
	Organization Code			
	Admin Account     Securit			
	Device Name			
	Device Tags			
	I agree to the <u>User Agreen</u>	nest and Environ.Eplicon		

# 1.3 DASHBOARD

### **1.3.1 ORGANIZATION INFO**

Basic info includes Organization name, Organization code, admin account.

Bytello DMS	DMS Training(Admin)			Emergency D Enroll	🖾 Info Center 🛛 🕀 🖉
🗠 Dashboard	Dashboard				
Devices V	Duomoculu				
☆ Advanced • · · ·	DMS Training				
E Records ~	Admin account	Organization code	Credita	Days remaining	Enrolled devices Online devices
⊞ System <sup>●</sup> v	huangole ' ille i som	612 4	2421	161	14 0
	Online trend				Last 7 days Last 30 days
	14 devices				
	07/25	07/38	0504 0509	68/14 08	19 06/24
	Offline device 💿 🤋 d	levices			
	Device name		Tags		Last online time 👙
	ITelinenden GAC MONG				2021/06/03 UTC-04:00
Ū	G				2021/08/10 UTC-04:00

Credits are the total credit one organization has.

**Enrolled devices** are the number of devices enrolled so far, 1 enrolled device cost 1 credit 1 day. **Days remaining** is the time length that this account has to access the product. **Online devices** are the number of devices currently online at the moment.

#### **1.3.2 ONLINE TREND**

To check devices' online & offline status for the past 7 and 30 days.

### **1.3.3 OFFLINE DEVICE**

A list of devices that have been offline for the past 7 days.



# 2.1 DEVICE VIEW

All devices enrolled Organization will be displayed in Devices -> All types. List view is the default view.

Status Online means the device is currently connected with DMS. Status Offline means the device is not connected with DMS.

Bytello DMS	0	DMS Training	(Admin) V				Emergency	🙆 Enroll 🖾	Info Center 👜 🙎
i≝ Dashboard		Devices /	All types						
Devices	^	All ty	pes Group: All (6) V						Select Command
All types			•						
IFP		Alt	types	Search devic	le name	Select Status		- Select tags	
Sound bar		50	act time zone						
☆ Advanced	*	Se	elect all 81 List 88 Grid						
E Records	1		Device name ::	Status	Tags	Time	zone :	Next command	Actions
≅ System	.*		IFP training	• Online	training	UTC	04:00	14:40 Text	Details 🗊
			C L75EE-BO9D11C-G	- Online	flighth	UTC-	04:00	t.	Details
			cm MS10B - Test 0705	- Offline	Soundbar	UTC	00:00	<i>5</i> 1	Details
			EE LM110N08	- Offine	release pre hzk	UTC	-08:00	2	Details
			🙄 EX75	• Offline		UTG	04:00		Details
			CED MSA10-G	- Offline	hzk	UTC-	04:00	*	Details
Ē								Total 6 items < 1	/ 1 > 20/page -

### 2.1.2 GRID VIEW

Grid view showcases device screenshots.



# 2.2 DEVICE DETAILS

### 2.2.1 BASIC

Change device name, device tags; Set device notification display method; Display device information;

View screen; Start a screen control session;

A-04-1		Select Comman
sic Comn	ands Data Application	
Device name A-04-12 🖉	Unenn	ol s
Tags + Add new		
Real-time display n	otify	and a second sec
Device Type	😳 IFP	Screen control Real-time display
Device ID	2678	
Model	L55EE	
Operating System	Android	Device in groups
OS Version	8.0.0(202108131551) Up to date	
CPU	u 🎰arm 🖬 🐌 armeabi- 🖿	Group name Tags
Touch Frame	HV':3	
		(A) (A)

### 2.2.2 COMMANDS

Find out scheduled, unexecuted commands for this device. Only Admin can check the Command Owner.

	Application	
Command in schedule	Mode	Command owner
Power on	Recurring	TrainingAccount(ht )@=unue@c t
Power off	Recurring	TrainingAccount(hu

## 2.2.3 DATA

Find out device usage (used time, online times, and online duration) for today, yesterday, last 7 days, and last 30 days.

Basic	Commar	nds	Data	App	lication									
Dev	ice usag	e da	ta								Today	Yesterday	Last 7 days	Last 30 days
c	Inline frequ	ency	4				Device	used tir	ne 4	l.6	n			
Online	e time										Onli	te time		
00	02 04	4	06	08	10	12	14	16	18	20	22	24(h)		

### 2.2.4 APPLICATION

Find out applications installed on the device. Enable, disable or uninstall applications.

Basic	Commands Data	Application				
Thir	d-party apps			Nativ	ve apps	
	ADBKeyBoard/1.0 0.1MB	Finable Disable	Ū	0	Chrome	PEnable Disable
0	Appium Settings/3.2.1 3.4MB	PEnable Disable	Û	6	Cloud Drive	Enable Disable
۲	Bytello Class/999皮炎平-454 309.1MB	Enable Disable	Ū	۲	DOCUMENT CAMERA	Enable Disable
APK	Note/2.5.8.18-a9f1de4 130.9MB	Finable Disable	Û		Files	Enable Disable

## 2.3 DEVICE GROUP 2.3.1 CHOOSE GROUP & ADD NEW

Device groups can be accessed on the device list.

Bytello DMS	DMS Training(Admin)		🚊 Emergency 💮 Enroll 🗠	Info Center 🕀 🖄
⊵ Dashboard	Devices / All types			
Devices ~	All types Group:	Ali (6) 🔿		Select Command
☆ Advanced ~		88 All		
🖾 Records 🗸 🗸	All types	Block A Select Sta	tus v Select tage	
≅ System* v	Select time zone	Exhibition Hall Level 12 Meeting Room 1402 Windows Bottem		
	Device name	+ Add new group Time zon	e : Next command	Actions
	B-04-22	+ Online - UTC+02	- 00	Details
	B-05-22	+Online - UTC-04:		Details

### 2.3.2 GROUP: AUTO-ALLOCATION

Using 'and' 'or' conditions to select devices into groups. Devices that meet the conditions will automatically enter the group.

Devices that no longer meet the conditions will automatically be removed from the group.

Level 1	11					
uto-a	allocation	Mani	ual selectio	'n		
and	V.	-				
	Tee		- In		()	
	12903		15			

### 2.3.3 GROUP: MANUAL SELECTION

Manually select devices and create a device group

Group manag	gement					
Level 11						
Auto-allocation Mar	nual selection		All device 1/6			1 devices selected
All types ~	Device name 👙 🔾	Tags 🖓	Time zone 👙		All types 🗸	Device name 💠 Q
IFP	B-04-22	2	UTC+02:00	5	FP	A-11-01
IFP	B-05-22	*	UTC-04:00	<		
Sound bar	B-12-05	meeting room	UTC+00:00			
🔽 😳 IFP	A-11-01	Level11	UTC+08:00			
Led wall	B-Ex-03	2	UTC+08:00			
IFP	W43PNA-CS118		UTC-04:00			

# 3. SEND <u>A</u> COMMAND

# 3.1 SELECT & SEND

Step one: select device

Bytello DMS	DMS Training			Emergency	හු Enroll 💟 Infor o	anter 🕀 🔱
☑ Dashboard ☑ Devices	Device Management / All types All types Group:	All (3)				elect command (1)
All types	All types	v Q Soor	ch device name		v Select tags	
IFP	Select time zone					
Led wall	Device name :	Status Tag	5	Time zone :	Next command	Actions
රූ Advanced	- IFP-HKLO-096	• Online W	AWWJSKI WWSHSKSHKLSHLSKHah	UTC+12	2	Details
E Records	CED Soundbar VV	- Online W	WWWWwshshsh HKLSHLSKHah	UTC+12	18:00 Announcement	Details
a ojmin	E LED-HKLO-09	• Offline W	WWWWWshshsh HKLSHLSKHsh	UTC+12	18:00 Announcement	Details

#### Step two: select a command;

Bytello DMS	DMS Training(Admin)	🛆 Alert 🐨 Enroll 🖾 In	fo Center 🜐 🔱
⊠ Dashboard	Devices / All types		
Devices	All types Group: All (7) ~		Select Command
☆ Advanced •	*		
E Records	✓ All types ✓ Search device name Select Status	Device control Message	Device settings
≓ System <sup>●</sup>	Select time zone	Reboot Multimedia	waipaper
	Select all 8: List 88 Grid	Bells File publish	
	Device name 👙 Status Tags Time zone 👙	Screen lock Live channel	
	🔲 💬 web3 - Online - UTC+08:00	â	Details
	UTC+04:00	17:49 Multimedia	Details

#### Step three: edit and send out command;

IFP		A8 6 man	O. Passele discus num	e Dalase areas	×	Seinct tags	
		Power on s	elected devices 1				
						mmand	Actions
	*	Set as schedule	0				Details
Records	· ·					Announcement	Details
System	× .					Announcement	Details
				Count	Partic		
				Ibonou	Sena		

#### Editing option: Set as schedule

Time alignment: according to the selected device, the device located in the time zone (UTC max) display

For example, three devices in different timezones are selected(UTC-4 UTC-6 UTC-8). The timezone will be displayed according to the time of UTC-4.

# **3.2 COMMAND TIME MODE**

## 3.2.1 EXECUTE NOW

Click 'Send' directly to execute the command immediately.

Power off Selected devices 1	
Set as schedule	
	Click 'Send' to Execute Now
	and a second sec

### 3.2.2 TIMED MODE

Open Set as schedule, Select (future) year-month-day-time to send a command.

Set as schedu	le 0					
Mode	Timed ③ ①	Recurring				
	2021/01/22	08:30		-	-	
		08	30			
		09	31			
		10	32			
		11	33			
		12	34			
		13	35			
		14	36			
		15	37			

### 3.2.3 RECURRING MODE

Select a specific period, and set a time fence for commands.

Mode	Timed 🕐 💿 Recurring 🕐	
	Mon. 🔽 Tues. 💟 Wen. 🔽 Thurs, 💟 Fri. 🛛 Sat. Sun.	
	09:00	
	+ Add a time	
	+ Add a recurring	

# **3.3 OFFLINE MODE**

### 3.3.1 OFFLINE MODE

Offline mode means that for Timed and Recurring type commands, after the device successfully receives the command for the first time. If the network is disconnected at the command execution time, the device can still execute this command.

Offline mode	Ottlin exec inter	e mode allows dev ute command with net connection.	ices out an	
Mode	Timed ③ (	Recurring ③		
	2020/10/19	3		

### 3.3.2 RECALL AN OFFLINE COMMAND

If you need to recall/cancel an offline command, the target device needs to connect to the network.

To recall an offline command is the same action as a common command.

### 3.3.3 COMMANDS WITH OFFLINE MODE

#### Power off - offline mode

#### Default state: offline mode is off

Users can choose to turn it on/off. After the device is turned on, if the device successfully receives the instruction, the device can still perform the shutdown successfully according to the set time when the device is not connected to the Internet.

#### **Reboot - offline mode**

Default state: offline mode is off

Users can choose to turn it on/off at their discretion. After turning on, if the device successfully receives instructions, the device can still perform a restart at the set time, following the unnetworked state

#### Screen Lock - offline mode

Default state: offline mode is on and the user cannot turn it off.

After the device received the command, the device can still be executed at the set time when it is not connected to the network, and if the lock screen is disconnected during the lock screen, the lock screen instructions can still be executed regardless of the network



# 4.1 DEVICE CONTROL

### **4.1.1 POWER ON**

Three-time modes are supported.

Remote power-on functionality relies on the build of the Wake On LAN function.

After the command is received by the device, if the device is connected to a Bytello WOL service, the execution results will succeed.

See Chapter 11 for more information on Bytello WOL Service

### 4.1.2 POWER OFF

Three-time modes are supported Support for offline line mode When the shutdown command is reached, the device segment will have a secondary confirmation pop-up window, if a user is using a shutdown that they do not want to shut down, they can reject the shutdown order this time. If there is no click rejection within 10s, the shutdown will be performed.

### **4.1.3 REBOOT**

Three-time modes are supported

Support for offline line mode

When the restart command is reached, the device segment will have a secondary confirmation pop-up window, if the user is using does not want to restart, you can reject this shutdown instruction. If there is no click rejection within 10s, the restart will be performed. Send a Power-off command to the shutdown device, and the execution fails.

### 4.1.4 **BELLS**

Three-time modes are supported

Ringtones support playing music for a fixed length of time when, on the target device, at a specified time. Supports playback of 10s, the 20s, 30s, 60s and paly the whole song. Supports local upload of music files. Successfully uploaded files are stored in the bell list.

as schedule	Luplead Format: MP3, WAV, AAG, DGG Ster: T0MB max				
30s V Please upload a bell	Bells name	Size	Time	Operat	tion
	儿歌 - 外婆的澎湖湾.mp3	3.0MB	3min11s	۲	ġ.
	将故事写成我们-林俊杰-77204601.aac	1.9MB	5min4s	۲	应
	群星 - 让我们荡起双桨.mp3	3.9MB	2min23s	۲	1
	Chains.mp3	2.3MB	1min0s	•	应
	Clementine - You Are My Sunshine.mp3	9.4MB	4min4s	۲	T

### 4.1.5 SCREEN LOCK

Three-time modes are supported;

Screen lock feature that supports locking a specified device for a certain period.

The screen lock function is sent

The locked device, can not do any software class operation, can not use the remote control. For a single locking period for the device, lock to 23:59 of the day at the latest;

Lock duration	Now	16:30 💿			
		16	00		
		17	01		
		18	02		
		19	03		
		20	04		
		21	05		
		22	06		
		23	07		

#### Screen lock password settings

Find the screen lock on the > Password manage page and set a 6-digit password

#### **Unlock Screen lock**

- 1. The end time of the arrival screen lock is automatically unlocked
- 2. The device will be unlocked automatically when it reaches 23:59
- 3. Entering a password on the target device during the locked period will work properly with the target device. If there is no action for 20 minutes after unlocking, the device will be locked again and a password will be required to enter here. The password for the screen lock can be viewed on the setting page of admin/Sub-admin.
- 4. Unlock unlocks the target device for a single lock-screen command on the command records page by admin/sub-admin.

# 4.2 MESSAGE

 Text
 1 devices selected

 Text
 Welcome back to School

 Preview
 Welcome back to B

 Preview
 Welcome back to B

 Play mode
 Loop

 Play duration

 Set as schedule
 Operation rights

 Turn off the settich to leit the user turn off the command at anytime.

 Cancel
 Cancel

#### Text support three-time modes

Enter text to display as text running light subtitles on the target device; When Operation rights open, anyone in front of the device can turn off the text;

### 4.2.2 MULTIMEDIA

#### Three-time modes supported

Multimedia supports the release of information in image and video formats. A window appears on the target device with a close button.

When operation rights are on, anyone infant of the device can close the multimedia message.



### 4.2.3 FILE PUBLISH

Send now and timed send is supported. Recurring mode sending is not supported.

File transfer, which pushes and stores any type of file in a centralized temporary folder on the target device.

Supports uploading files locally and storing them in the File list

After it has been successfully sent to a temporary folder on the target device, it is notified through the pop-up window

Supports uploading files locally and storing them in the File list

File	UTC-timezone.git	× .	
	(File will have to finder)		
Set time	0		

### 4.2.4 ALERT

#### Introduction

Alert will send immediately;

Alert has a preset warning template that can be sent directly after changing the text in the template;

Supports local upload of images and storage;

After the alert information is sent, it will be displayed as a full-screen information display on the target device, and the user can not turn it off on his own;

#### To recall an Alert

When an emergency message is sent, the top bar on the web displays a red light effect that represents the alert. Go back to the emergency page and click on the recall to cancel the release of the emergency.



#### Device permissions for alert information

The Alert directive permission is different from other instruction permissions, and if the subadmin has the command permission to send the emergency, the default Alert instruction is valid for all devices in the school.

### **4.2.5 LIVE CHANNEL**

To set up a live channel and broadcast it on the devices. Support format

#### **RTMP/RTSP**

Ex: rtmp://example.example/live/example

#### Apple HLS (HTTP Live Streaming)

Ex: http://ivi.example.edu.example/hls/example.m3u8

Live char	×	Liv	e channe	l list		×
Live channel	bbe v	+	Create Sup	ported live stream protocal:RTMP.RTSP and HTTP Live Streaming		
Preview	The media could not by Moded, either because the	0	Channel r 1.苹果提f	Creating live channel	×	Operation
Play duration	(The device will play automatically when it executed)	0	bbc	Address		
Set as schedule			收到是	Create	-	E .
S Live chann	el list Cancel Send	- N-				Confirm

# 4.3 DEVICE SETTINGS

#### Wallpaper

Wallpaper settings, only support Execute Now; Supports the default wallpaper to be restored to the device; When the device receives this instruction, it will automatically change the wallpaper immediately;

Use default	t		
<ul> <li>Custom</li> </ul>			
	4 Please upload a v	valipaper	

Instruction sending follows a downward asynchronously, and the device can receive instructions when it is powered on within 72h of the instruction being sent. If more than 72h has not yet executed this instruction, it is determined to be a failure to execute.

#### **Boot Logo**

Power on logo settings, only support Execute Now;

Supports the default boot logo to be restored to the device;

Upon receipt of this instruction, the device will automatically replace the boot logo immediately and take effect in the next boot;

Logo	Use default (Return to the default L	ago of the devices)	
	Custom		

Instruction sending follows a downward asynchronously, and the device can receive instructions when it is powered on within 72h of the instruction being sent. If more than 72h has not yet executed this instruction, it is determined to be a failure to execute.

# 4.4 SCREEN CONTROL

### 4.4.1 REAL-TIME DISPLAY

**Entry A:** device list -> device details -> Real-time display **Entry B:** device list -> Grid view -> Real-time display



#### Real-time display mode

Once entered, the user will be able to check the device screen and send instant commands.



### **4.4.2 SCREEN CONTROL**

Entry A: device list -> device details -> Screen control

Bytello DMS	DMS Training(Admin)		Emergency	@ Errol	Info Center	
∠ Dashboard	Devices / All types / Device details					
Devices					Select	Command
☆ Advanced						
El Records	Basic Commands Data App	lication				
i	Device name A-11-01 2 Tags Lewit1 X A At new Real-time display notify	Unannoi	and a second sec			
	Device Type E grp Device ID 2913	-	Screen cor	ntrol Real-	time display	

Entry B: Real-time display mode -> Screen control

#### Screen control mode

Enter Screen control session requires device permission. Users of the device need to [Allow] this remote screen control session.

If a user of the device [Reject] the session. IT admin will not be able to take control.

If there is no response in the 30s, the device will enter a remote screen control session without permission.

#### Waiting for permission

		B W B D.9.3
LINECT DO INNO 3	Device power -	Scrien control 41:

#### Remote screen control session entered



# **5. ADVANCED MANAGE**

# **5.1 APPLICATIONS**

The portal is in the navigation bar-functions, supports Execute Now and Timed time modes, supports local upload.

On the app list, select the app then selects the target action, and send it to the targeted device.

Bytello DMS	DMS Training(Admin)			Emergency Er	vroll 🖾 Info Center 🌐 🔒
i⊻ Dashboard	Advanced / Applications				
Devices	Applications				📩 Upload APK
☆ Advanced <sup>●</sup>	Third-party apps Native a	pps			
(5.) Hecords	· · · · · · · · · · · · · · · · · · ·				
≅ System <sup>●</sup>	Application name 💠 🔾	Version	Size 👙	Actions	
	合 小米WIFI	1.1.836	0.8MB	Disable	
	CustomWallpaper	1.0	1.5MB	Disable Enable	Unins
	Sogou Keyboard	10.24	55.4MB	Dipatrie	United
	🥐 Palette	1.0.1.35-eaf02c8	9.1MB		Defete
	f Lite	188.0.0.5.119	1.6MB		Delate
	🧿 Viso	10.2.0.493	35.4MB	Disabla	Uninatur
	Shadowsocks	4.5.7	8.9MB		Delate
	🛹 Maying	1.1.6	6.6MB		Delette

#### What you can do with a third-party app:

- 1. Install, install a new app to the target device
- 2. Update, the update has been applied to the latest version
- 3. Uninstall the installed app
- 4. Disable, disable installed apps, disabled apps will not appear in the app store
- 5. Enabled, enable disabled apps

	Tasks 2.6.0 5.1MB		
Timed			
Selecte	ed1 (L65CC-CS23	(86B-G)	
-	All types $\sim$	All devices (9)	Tags 🖗
~	💭 IFP	L65CC-CS2386B-G	99999
	ැතු Sound bar	MS10B - Test 0706	Soundbar
	Led wall	LM110N08	release pre hzk
	😳 IFP	pppL75EE-LGM311	Шо
	🗂 IFP	S65CB-BOP111A-S	•

# 5.2 ANDROID ONLY - INPUT SWITCH

The ability to switch in bulk for channels under Android;

Bytello DMS	DMS Training(Admin)						Emergency	@ Enrol		nto Center	
⊵ Dashboard	Advanced 7 Input s	witch									
Devices	Input swite	ch Group: All	(9) 🗸								
☆ Advanced *											
Applications	6 devices sw	witch to ANDROID		Switch							
Input switch	Device	name o o	Tags 🛞	ANDROID	PC	HDMI1	HDMI2	HDMI3	VGA1	TYPE_C1	AV
Software update	💟 😳 L6	5CC-CS23868-G	00000	۲	87	0	0	0		0	
E Records ✓	<b>I</b> 🖂 bb	pL75EE-LGM311A	11Elo	(#)							
	🔽 🖾 S6	SCB-BOP111A-S	5.0	(#)					۲	5	
		75	1	(4)	12						- 1
	<b>v</b> 🗇 🗸	5CB-GLM151A-G		(#)				×.			
	<b>N</b> 🖾 🖸	SEE-BO9D11C-G	figghh	(#)						ŝ	12
	ap Mt	\$10B - Test 0706	Soundbar		9	141	÷	8	4	1	12
ē								Total 9 Items	< 1	/ 1 >	20 / page -

Firstly, select the target device; Secondly, choose which channel to switch to; \*If the device does not have the target channel, the instruction is determined to fail, and if the device state is off, the instruction is determined to fail;

Bytello DMS	DMS Training(Admin) V		Alert	@ Enroll	🔄 Info Cen	ter 🌐	
ビ Dashboard	Advanced / Input switch						
Devices ~	Input switch Group	p: All (21) 🗸					
☆ Advanced ^							
Profile	18 devices switch to 1	festName(HDMI1) V Switch					
Apps	Device name 👙 🔾	The device will immediately switch to D	TestName	HDMI2	HDMI3	VGA1	TYPE_C1
Firmware update	CE65GA	Allow user to reject	Θ	Θ	Θ		Θ
E Records v	C L65EG-C	•					
Resources	✓ ○ OTS-SWI						
≅ System ° v	U86EG-L	test					

When [Allow user to reject] is selected, users in front of the device will not be able to reject this command.

Bytello DMS	DMS Training(Ac	dmin) \	Channel renormed	uccost du	Alert	G Enroll	Info Ce	enter 🌐	2
🗠 Dashboard	Advanced /	/ Input switch	Granner renamed a	uccessiuny.					
🖵 Devices 🗸 👻	Input	switch Gro	oup: All (21) 🗸						
습 Advanced *									
Profile	18 d	levices switch to	Select channel V	Switch	TestName(HDMI1)				
Apps		Device name 💠 🔾	Tags %	ANDROID	TestName 🖉	HDMI2	HDMI3	VGA1	TYPE_C1
Input switch				~					
Firmware update	~	CE65GA	17		9	0	( = )		0
Software update Contract Software v		😳 L65EG-C	*						
Resources		📺 OTS-SWI							
≖ System ° v		🛄 L86EG-L	test						
		🛄 L750M	а.					(100)	

Click a channel to change the preview name.

# 5.3 FIRMWARE UPDATE

Once a new firmware is released and detected by the device. The notification will show in DMS - Firmware update.

Click [Update all] to send out the command. The command will not expire.

Bytello DMS	DMS Training(Admin) v			Emergency	🕑 Enroll 🖸 Info	Center 🕀 🔱
<ul> <li>☑ Devices</li> <li>✓ Advanced</li> </ul>	Advanced / Firmware update					update all (0)
Applications	All group	Select Status	Search device name			
Input switch	Device name 👙	Model	Status	Current version	Latest version	Actions
Software update	🖾 EX75	EX75	- Offline	202106281414		Up to date
🖾 Records 🗸 👻	C IFP training	L65CC-CS2386B-G	Online	202107141041		Up to date
⊒ System <sup>●</sup> v	LM110N08	LM110N08	+ Offline	202102081441		Up to date
	1923 MS10B - Test 0706	MS10B	Offline	202107141044		Up to date
	CED MSA10-G	MSA10-G	• Offine	202101151635		Up to date
				1	Iotal 5 items 🖂 🚺 7	1 > 20/page -

# 5.4 DMS CLIENT UPDATE

Android device DMS client management features, issued by its administrator DMS client latest version, keep the new version of DMS to support the latest features.

Bytello DMS	DMS Training(Admin)			ြို Emergency ြ	Enroll 🖾 Info Center 🕀 🔱
⊠ Dashboard	Advanced / Software update				
Devices	Software update				
☆ Advanced 🔹					
Applications	Android • Windows •				
Input switch					
Firmware update	Latest version: V11.8.5				Update all (8)
	Release date: 2021/07/08				Contraction of the
Software update	"Total 8 devices 8 devices nee	d to be update to V11.8.5			
E Records ~					
⊞ System <sup>●</sup> ∽	All types	<ul> <li>All group</li> </ul>	V Select Status		Search device name
	Device name	Status	Current version	Latest version	Actions
	😳 F	Offline	V1.8.2	V1.8.5	Update
	🙄 L	- Offline	V1.8.5	V11.8.5	Update

# 6. PROFILE

Use profile to set a batch of settings.

If one profile is set as 'default', the new device enrolled will auto-link with the profile.

Bytello DMS		DMS Training(Admin)				Alert		Enroll		Info Center		
⊵ Dashboard		Advanced / Profile										
Devices		Profile C										
☆ Advanced Profile		A policy is a set of configu After setting a profile as a	rations and restric default, when a de	tions designed to manage and s	ecure devices enrolled in DMS	i. and exect	ite the	default pr	ofile.	Create	new v	
Apps												
Firmware update Software update	p •	♦ test 100, Created on 2021/11/25, last more	dified on 2021/11/25 15:2	154	Created on 2021/11/25, las Associated devices: 1	t modified on	2021/11/	5 14:53:51		¥ 0	efault	
Records	*	Associated devices - 0			Non-Compliant: 1							
Resources		Details		Associate	Detail	8			9	Associate		
≆ System <sup>●</sup> v		Created on 2021/11/24, text more	dified on 2021/11/24 18:3	-12	Associated devices: 0	t modified on	2021/11/	14 16:30:55				
		Details		Associate	Detail	5			3	Associate		

# 6.1 SECURITY - BLOCKING

Able to set Web block list and Allow list.

The blocklist is used to prevent a user from browsing certain URLs; Allow list is used to let users only browse certain URLs.

eate And	lriod pro	ofile		
Profile name	Grade 12			
Security		Security		Close
Apps management		Blocking		
		Block list     Allow list		
		Enter url	Add URL	
		URLs	Actions	

# 6.2 APP MANAGE

Create a list of apps to push apps to the associated devices.

Advanced / Profile	• / Create And	triod profile					
Profile name	Grade 12						
Security	nigarit	Apps manage	ment				Close
Device setting		Install apps					
		Remove apps fro	om the device on profile remo	ral			
		Add apps					
		Apps name		Version	,	Actions	

Select apps from Resource - Apps, or upload from local finder.

j Upio	ad APK				
: 100MB	3 max				
ected 1					
-	Appi	ication name o Q	Version	Size o	
		CustomWallpaper	1.0	1.5MB	
	B	Sogou Keyboard	10.24	55.4MB	
	٠	Palette	1.0.1.35-ea/02c8	9.1MB	
~	+	Lite	188.0.0.5.119	1.6MB	
	•	Viel.		35.4MB	
	0	Shadowsocks	4.5.7	8.9MB	
		Maying	1,1.6	6.6MB	
	DMS	Bytello DMS	1.5.2.0°dc9514e	22.2MB	

# 6.3 WI-FI

Set up wifi and send it to the associated devices.

ione name		I-WIFI & Allow List	
Security Apps management		Wi-Fi	C
Wi-Fi	0	Configuration	
Wi-Fi allow list	0	SSID(Wi-Fi name) *	Test WIFI
Certificates Device settings		Security type	Open ^
		Auto connect	Open
			WEP WPA/WPA2 Personal
			WPA/WPA2 Enterprise

Choose different security types and required information.

# 6.4 WI-FI ALLOW LIST

Set a Wi-Fi Allow list. Associated devices can only use WIFI configured in WIFI-Allow List.

onie name	Helphan	-r a 7000		
Security Apps manager	nent	Wi-Fi allow list		Close
Wi-Fi	0	Allowed Wi-Fi that the device can connect		
Wi-Fi allow list	0	Remove allow list from the device o	n policy removal	
Certificates				
Device settings	e -	Enter WI-Fi name	Add Wi-Fi	
		Wi-Fi name	Actions	
			Remove	
		GUEST	Remove	

# 6.5 CERTIFICATE

Set a list of certificates and send it to associated devices. Choose from Resource-Certificates or upload from local.

Apps management Wi-Fi	Install certificates					Close
Wi-Fi allow list	Add certificates Certificates name	Common name	Usage	Format	Expires	Action
Lence seconds	noName GB	GB	VPN and Apps	pfx ort	• 2036/12/07,	Remove

## 6.6 DEVICE SETTINGS

Security	Device settings		0
Apps management			_
Device settings	General settings		
	Auto sleep time	C	
	Auto enter sleep model when no operation for a specified period of time	None	
	Date & time foramt		
	Use network-provided time	Automatically	
	Time zone	Dont't change	

#### Auto sleep time

Auto sleep when there is no operation for a while.

#### Date & time format

Choose auto and the device will check the internet to set the date and time.

#### Timezone

Choose device timezone.

#### Time format

Define how date and time are displayed on the device. Choose from 12-hour clock and 24-hour clock.

#### No single shutdown

Automatic shutdown is when a device is detected to be inoperable for some time.



#### Power outage setting - Android only

There are three scenarios in which a device experiences an unexpected power outage and is plugged in again.

1. Off Power off and then power-up, the device remains off

2. On Power off and then power-up, the device will automatically power on

3. Last: Power off and then connected, the device back to the state before the power went out After the instruction is sent, the device can receive the instruction within 24h of the instruction being sent. If more than 24h has not yet executed this instruction, it is determined to be a failure to execute.

#### Enable Wake on LAN

When this is On, the device will be able to receive the Power On command from DMS.

#### Android channel

When the is on, the device has Android channels, a dock bar, and can use Android applications such as finder, media player, browser, note, etc.

The target device does not have an Android channel when the switch is off and serves only as a channel display channel.

Instruction sending follows a downward asynchronous, and the device can receive instructions when it is powered on within 24h of the instruction being sent. If more than 24h has not yet executed this instruction, it is determined to be a failure to execute.

#### Image mode - Android only

Image mode refers to the device's screen display settings, which only support Execute Now. No feedback on the device, check advanced settings to check the current setting.

#### Sound mode - Android only

Sound mode, which refers to the sound mode of the device, supports only Execute Now. No feedback on the device, check advanced settings to check the current setting.

# 6.4 ASSOCIATE DEVICES

#### Associate device

Advanced / Profile / 78			
78 🗊			
Details Associated de	vices		Add devices
Search device name	Select Devices-Compliant sta		
Update time 👙	Devices ¢	Devices-Compoliant status	actions
2021/11/30 18:47:11	MS10B	Non-Compliant	Sync

Associate device to a Profile means the device will get all settings instantly.

Associated devices will check each setting current status and sync Profile to the device again.

# 7. RECORDS

# 7.1 COMMAND HISTORY

Bytello DMS	DMS Training(Admin)		Emergency	🙆 Enroli 🖾 Info Center	
⊠ Dashboard	Records / History				
Devices ~	History				
슈 Advanced ~					
Records *	All types	Today 🗸	Emergency O	C. Search owner small	
History	Select time mode	Select command status.		Clear filters Acc// 1	100
In schedule	Update time : Command n	ame Command owner	Time mode	Command status Actions	
₩ System * v	2021/07/15 14:16:09 Emergency	TrainingAccount/huangshukai@cvte	k Execute now 4	• Executed 1/9 🛦 Details	
E			1	Rotal 1 items C 1 / 1 > 20	/page =

Instructions that are executed immediately are sent and then entered into the Execution history list. Timed and the recurring instruction, when the set time is reached, the instruction enters the Execution history list.

The status of the instruction is Executed, and the score indicates the success of the instruction under the current instruction.

# 7.2 HISTORY DETAILS

Bytello DMS	DMS Training(Admin) V			🚊 Emerge	му 🗿 В	inroll 🗹	Info Center	0	8
🗠 Dashboard	Records / History	<ul> <li>Emergency</li> </ul>	Executed 1/9						×
Devices ~	History	Command owner:	TrainingAccount(huangzhu	ikai@cvte.com)					
☆ Advanced ~		Devcie no.: Time mode:	9 devices Execute now						
Records •	All types - To								
History	Select time mode	All types ~	Device name 🎄	Execution time g	Execution re	esuits Vi	Actions		
In schedule		C IFP	IFP training	2021/07/15 02:16:07	success.		Resend	Piecal	
₩ System	Update time : Command name	EEE Led wall	LM110N08		failed	Device is off	Resend	Recall	
	2021/07/15 14:16:09 Emergency	CE: Sound bar	MSA10-G	and farfan an 'n a'n a	failed	Device is off	Resend	Recall	
		CE: Sound bar	MS10B - Test 0706		failed	Device is off	Resend	Percali	
		C IFP	pppL75EE-LGM3	//	failed	Device is off	Resend	Recall	
		C IFP	EX75	anafarfar antertar	failed	Device is off	Resend	Recall	
		💭 IFP	L75GB-GLM151A		failed	Device is off	Resend	Fiecal	
		C IFP	\$65CB-BOP111A		falled	Device is off	Resend	Pecal	
		C IFP	L75EE-BO9D11C-G	//	failed	Device is off	Resend	Recall	
Ē									

The entrance to the instruction details is available at Execution history as well as in schedule; Under the details of the equipment execution record of the instruction, you can see the specific execution of each device under the instruction;

The specific Execution results are:

Success, this device has successfully executed this instruction;

No action is supported;

Failed, this device failed to execute;

Support for the resend operation, i.e. re-issuing instructions for this device;

Recalled, the device has withdrawn the issuance of this directive;

No action is supported;

Wait, this device has not executed this instruction;

Support for recall operations, i.e. recall orders for devices that have not yet been executed;

# 7.3 COMMAND IN SCHEDULE

Timed and the recurring instruction, which enters the Command in schedule list when the set time is not reached. The instruction status is Unexecuted and the score indicates the success of the device execution under the current instruction.

Bytello DMS	DMS Training(Admin)				Emergency	G Enroll	info Center	<b>@</b> 8
⊵′ Dashboard	Records / In schedule							
Devices *	In schedule							
All types	in concure							
IFP Sound bar	Timed	Recurring						
Led wall	All types	V Today	Select comman	d nama 🔍				
슈 Advanced ~	Update time 🜼	Command name	Command owner	Devices		Command stat	us Actions	Ķ.
E Records	2021/07/15 14:39:35	Text	TrainingAccount(huangzhukal@cvte	IFP training		Unexecuted 0	V1 Details	
History								
In schedule								
i2 System <sup>®</sup> ∽								
U					Total	1 tems	1 / 1 >	20 / page -

In the recurring command, the user can close, edit and delete.

Bytello DMS	DMS Training(Admin)	Ý		Emergency	D Enrol	Info Center	⊕ 8
<ul> <li>≥ Dashboard</li> <li>□ Davices </li> <li>☆ Advanced </li> </ul>	Records / In schedule						
E Records • History In schedule	Timed All types	Recurring	Devices	Command status	Actions		
iž System <sup>®</sup> . ∽	Text	TrainingAccount/puangzhukaidEovte	IFP training	Command Status		Edit Dwiete	×
E					Total 1 items	1.71 >	20 / page -

# 8. RESOURCES

Upload and manage all organization resources in one place.

Bytello DMS	DMS Training(Admin)			🔔 Alert 💿	Enroll 🖸 Info Center	
t⊻ Dashboard	Pasauraaa					
🖵 Devices 🗸 🗸	nesources					
☆ Advanced • · · ·	Image Video Audio Apps Others					
E Records v	Format: JPG, PNG, WEBP, GIF, SVG					-
Resources	Size: 300MB max					Add
⊯ System <sup>●</sup> ~	Apply command : Alert , Multimedia , File publish , Wall	paper , Boot logo , Profile				
	Name e Q	Format 👙	Size 👙	Added on t	Actions	
	qua3232nvin.png	png	64.54KB	2021/11/30	© & 1	
	quandn.png	png	64.54KB	2021/11/30	⊗ di 8	
	11111.png	png	69.84KB	2021/11/30	1 ف 🕲	
	,webp	qdew	30.27KB	2021/11/30	۵ 🗄 🕲	

### 8.1 IMAGES

Upload images to your organization's resources. Choose these images when sending a command like Alert, Multimedia, Wallpaper, Boot logo, and file publish.

### 8.2 VIDEOS

All videos here can be selected from command-Multimedia and File publish.

### 8.3 AUDIOS

All audios and music can be selected from command-Bells.

### 8.4 **APPS**

Upload and manage all apps.

### 8.5 OTHERS

Any other files can be uploaded to organization resources and sent as File publish.



## 9.1 ADD A USER 9.1.1 INPUT EMAIL ADDRESS

Enter an email address and verify if it already exists in Bytello User Center; If this account does not exist in Bytello User Center, you need to set a password; If this account already exists in Bytello User Center, this user already has a password;

Bytello DMS	DMS Trainin	ıg(Admin)					
	. Syl						
	U				×		Add user
		Add user					
						Device no.	Actions
≅ System ▲		Account	noreply@bytello.com Verity			10	Details
Users		Role	Operator v 💿		_	10	Details
		Group	All groups and devices		- 1	10	Details
					- 1		
Settings						10	Details
					- 1	10	Details
					_	10	Details
					_	10	Details
		Role list		Create		10	Details
	sayn	11	saym1004@126.com Operator			10	Details

### 9.1.2 CHOOSE ROLE & DEVICE GROUPS

Choose a pre-defined role, Operator or Viewer. Once a custom role has been selected, choose existing device groups.

Add use	er	to act on every aspect of the platform. • Viewer: This user can only views device, user, errollment and application information. Can't make changes to fetune	Add us	ser		
iccount	noreply@bytello.com	Custom role: Creating roles with     custom permissions.	Account	noreply@bytello.com	Varity	
tole	Operator	~ ) ®	Role	Teacher		
Broup	Operator		Group		0	
	Viewer Teacher			All groups and devices		
	+ Custom role			Block A		
				Exhibition Hall		
				Level 12		
				Meeting Room 1402		
				Windowe Sustam		

# 9.2 CUSTOM ROLE

Create a role and set permissions.

#### Bytello DMS password:

This password is used to unenroll a device from a DMS client. If the switch is on, a user with this role can check the password on System -> Password

#### Screen Lock password:

This password is used to unlock a device during screen lock time. If this switch is turned on, a user with this role can check the screen lock password on System -> Password;

#### Command permissions

Select what command this role will have.

		×
Role list		
+ Custom role		
Role name	Actions	
Teacher	2 亩	
	Close	



# 10. SYSTEM

# **10.1 ORGANIZATION**

Basic information:

Organization name;

Location, the area where the organization is located;

Admin account administers email address;

**Organization code**, which is self-generated by the system upon completion of the organization registration and is non-changeable;

License information includes license type, credits left, days remaining, and license records.

Bytello DMS	DMSTest1221(Admin)	v 🔝 Alert		Enroll	Info Center	
i⊻ Dashboard	System / Organization					
Devices	Organizatior	(1)				
☆ Advanced	Information					
Records						
Resources	Organization name	DIsti1 🖉				
≅ System	Location	C. da				
Users	Admin account	hu _ hukai@. *com				
Organization	Organization code	° <b>≝1</b> °2				
Password						
Settings	License	Professional				
	Credits	3886				
	Day remaing ③	1				
	Records	Authorized 4 (4 devices X 1 years) Professional license on 2(	×			

Change Organization Name and Location:

modification	
Organization information	
Admin account:	com
Organization Name	
DMS Training	
Location	
Australia	~
Cancel	Save

## 10.2 PASSWORD BYTELLO DMS LOCK

Passw	ord of Bytello DMS lock
Password	000000
	✓ ×

The default is 000000

Can be turned off/on, when the switch is on, admin can set a 6-digit password; When unenrolling a device from the client, the user needs to enter the correct password to operate;

### **SCREEN LOCK**

The default is 000000

Passw	ord of scre	en lock 💿		
Password	000000			
		~ ×		

The default is permanently on, admin can set a 6-digit password;

Users can enter a lock screen password to unlock a device for some time by entering the correct password.

# 10.2 PERSONAL SETTINGS

### **CHANGE ADMIN EMAIL**

Go through verification to change the admin's login email address. \*This is an ADMIN-ONLY function.

Bytello DMS	DMS Training(Admin)		Alert	G Enroll	Info Center		8
⊠ Dashboard	System / Settings						
🖵 Devices 🗸	Settings						
☆ Advanced (New)							
🖾 Records 🗸 🛩	Personal	Change account email	×				_
Resources		Email					
≓ System •	(P - 4)	huangzhukal@cvte.com					
Users Organization • Password	Reset password	Verification code           We will send you verification code via email.           Enter 6-digit code           Get code					
Settings							
		Next					

# 11. WOL SERVICE

# **11.1 SETUP BYTELLO WOL SERVICE**

The Power-on command will work when the device is connected to a Bytello WOL Service.

#### Step One:

Download and install Bytello WOL Service on a PC system; make sure this computer is under the same network as the controlled device.

Download Bytello WOL Service here: <u>http://www.bytello.com/dms</u>

Bytello DMS WOL	Bytello DMS WOL		
Organization code	Server name: Number 1 Organization: The secondary school ① Please the device on the same LAN as WOL Server	Delete	
Admin email	6 devices connected	12:48 🔿	
Enter admin email	Device name	Status	
	1 / IFP device a	Online	
Server name	2 / IFP device nn	Online	
WOL server 02021224	3 / IFP device nnn	Online	
	4 / IFP device nnnn	Online	
	5 / IFP device nnnh	Offline	
Connect	6 / IFP device nnnhn	Offline	
	7 / Device namen enneen hahah	Offline	

#### Step Two:

fill in the Organization code and Admin email to connect **this** WOL server to your organization;

#### Step Three:

Input Server name to distinguish various WOL servers within one organization.

#### Step Four:

Once the WOL server is connected to the organization, it will start to search devices around it and present a WOL-connected-device-list, both on the Bytello WOL service client and One organization can have various WOL servers.

For Bytello certified devices, please make sure Wake on LAN is open



## 11.2 WOL SERVER ON WEB

ONLY ADMIN CAN SEE [WOL Server] on page System -> Organization.

Bytello DMS		DMS Training(Admin)			🔔 Emergency 🚱 Enroll 🖾	Info Center 🕀 😫
i⊻ Dashboard		778235				
Devices	*					
☆ Advanced	~	WOL server	8 devices not connected to any server $\overline{(\underline{f})}$			c
E Records	*	Server name	Server state	Connected No.	Connected devices	Actions
≅ System	^	LourA	Unavailable	0		宦
Users		hzkawsl	Unavailable	0		Û
Organization		new ja <b>dd</b>	Unavailable	0		官
Password		123455	Unavailable	0		官
Settings		hzk234	Unavailable	0		窗
		WOL server 06250935	Unavailable	0		官

Devices without a WOL server connection will fail Power on command;

**Server state**, server connection state;

**Connected devices**, the number of devices connected to this server; **Actions,** which supports the removal of this wake-up server;