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## **QR Payment Terminal and Soundbox Management Platform - Fintech Solution**

### **User Control Panel : Version 0.0.1**

- Register/Login User : If user not registered than register and login after that user can use services.
- **Fintech Terminal Management System :**
- Registered users can test and manage devices like sound box, android app and etc...
- In this management system user can make different groups and add devices in these groups where user can manage this groups and devices .
- After add groups and devices user can edit , delete devices and to delete groups first user needs to delete devices or empty group.
- User can also add multiple devices at a time using upload excel file.
- User can activate or deactivate devices, by default device is deactivated.
- User can generate ip/api key using ip address name or \* after that user can test api.
- For Test api user have to give some data like api key which is generated by user from ip address, device id and select json payload in which you can select json for different device models and different commands.
- You can also use cURL command to test api.
- There is also you can Text To Speech api where user can enter api key, device id and text which is create voice and send created voice file to specific device id.
- User can also use text to speech api to create voice file and send this file to group(in one group there is multiple devices)
- You can also use cURL command for text to speech.
- User can view Api logs and search using from date-to date, device id, model name, test type and success fail status.
- After search user can also download searched data in different file format like pdf, excel and csv.

- In Terminal Management User can view Device event logs and search using from date-to date, device id, model name, api key and event type like power on, power off and heart beat.
- After search user can also download searched data in different file format like pdf, excel and csv in terminal management events logs.
- In online dashboard user can view active/deactive devices at different time intervals like 5 min, 10 min, 15 min, 30 min, 1 Hr, 6 Hr, 12 Hr, 24 Hr.
- In summary user can view updated last device status events log.

## Add Devices

The screenshot displays a web interface for managing devices. At the top, there are navigation tabs: Groups, Device, Developer API, Test API, API Log, and Terminal Management. The user is logged in as bonrix.recharge@gmail.com.

The main section is titled "ADD DEVICE" and shows "Total: 4 Records". There is an "Upload file" button. A modal form is open for adding a new device with the following fields:

- Device Name: Easo
- Device Id: tNW9LE7WXsbNVbAYrXQ4
- Group Name: heman
- Device Model: VirtualSoundBoxAnd...
- Device Secret: as23238290@@#KJHKDA

Below the form is a table of existing devices:

Actions	Device Id	Device Model	Device Secret	Device Status	Group Name
EDIT DELETE	ctGVOPI26yxU263			<input type="checkbox"/>	xsx
EDIT DELETE	A4E57			<input type="checkbox"/>	heman
EDIT DELETE	DKAfavcyd3XXNvYK			<input type="checkbox"/>	heman
EDIT DELETE	N7npOQ22pTmwEB6YmgkRSg9yVHgvt4c	VirtualSoundBoxAndroidApp	andridNew	<input type="checkbox"/>	heman

At the bottom, there is a search bar and "Total: 4 Records".

## Add Group

Groups Device Developer API Test API API Log Terminal Management bonrix.recharge@gmail.com LOG OUT

GROUP INFO  
Total: 4 Records

Group Name

ADD GROUP CREATE GROUP

Actions	group_id	group_name
<span>EDIT</span> <span>DELETE</span>	16	lost123
<span>EDIT</span> <span>DELETE</span>	26	herman
<span>EDIT</span> <span>DELETE</span>	27	xsx
<span>EDIT</span> <span>DELETE</span>	36	hhhh

Total: 4 Records

## Add IP address & create IP key

Groups Device Developer API Test API API Log Terminal Management bonrix.recharge@gmail.com LOG OUT

API INFO  
Total: 3 Records

IP Address Name

ADD IP GENERATE API TEST API

Actions	id	ip_address	ip_key
<span>EDIT</span> <span>DELETE</span>	3	192.62.115.65	DcSAhQrRQnnAHnG70hTtpmmwm1w6SX36
<span>EDIT</span> <span>DELETE</span>	7	116.25.30.789	n8Fm6yuiiYaUU1AcVD9m4foXY18suFkf
<span>EDIT</span> <span>DELETE</span>	9	116.202.105.664	D3BOgQs5xv0ma0TxRM9knb2W2etbnyhQ

Total: 3 Records

## Test API

Groups Device Developer API Test API API Log Terminal Management bonrix.recharge@gmail.com [LOG OUT](#)

[Test API](#) [Text To Speech](#) [Text To Speech\(Group\)](#)

TEST API TO SEND MESSAGE TO MQTT

API Key

Device ID

[SELECT JSON PAYLOAD](#)

JSON Payload 

```
{ "screen": "WelcomeScreen", "data": { "title": "Welcome to Easovation Solutions", "voice_data": "http://116.202.102.65:9000/downloadttsfilenewuser?filename=20230512T062002801Z905486.wav", "img": "" } }
```

[SEND](#)

```
curl --location 'http://91.107.200.91:6500/send_data/QVCjLTNRK6u2whAR4rxxVG3GP6tOCWh2/cNW9LE7WXsbNVbAYrX04DnYM48zD913w' \
--header 'Content-Type: application/json' \
--data {"screen": "WelcomeScreen", "data": {"title": "Welcome to Easovation Solutions", "voice_data": "http://116.202.102.65:9000/downloadttsfilenewuser?filename=20230613T1162002801Z905486.wav", "img": ""}}
```

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## Text To Speech

Groups Device Developer API Test API API Log Terminal Management bonrix.recharge@gmail.com [LOG OUT](#)

[Test API](#) [Text To Speech](#) [Text To Speech\(Group\)](#)

TEXT TO SPEECH CONVERT AND SEND TO MQTT

API KEY

DEVICE ID

TEXT TO COVERT INTO SOUND FILE

[CREATE SOUND FILE](#)

```
curl --location 'http://91.107.200.91:6500/create_wav_file' \
--header 'Content-Type: application/json' \
--data {"device_id": "tNW9LE7WXsbNVbAYrX04DnYM48zD913w", "ip_key": "3A6Se79c0hQ4cHS00GIpAqjHLVXBfg0v", "text": "hello. i am from bonrix"}
```

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## Text To Speech(Group)

TEXT TO SPEECH CONVERT AND SEND TO MQTT TO USER'S GROUP DEVICES

API KEY

Group Name

TEXT TO COVERT INTO SOUND FILE

[CREATE SOUND FILE](#)

```
curl --location 'http://91.107.200.91:6500/create_wav_group' \
--header 'Content-Type: application/json' \
--data '{"group": "heman", "ip_key": "DcSAhQrRQnnAHnG70hTTpmmwm1w6SX36", "text": "amount 10 rs. successful"}'
```

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## Api Log

### API LOG INFO

Total: 1 Records

[SEARCH](#)

From Date:  To Date:   IP Address:  Device ID:

Model Name:  Test Type:  Success Fail Status:

[Submit](#) [Download .PDF](#) [Download .CSV](#) [Download .XLSX](#) [Cancel Search](#)

id	created_at	device_id	ip_address	json_payload	model_name	response_message	sucess_fail_status	test_type
39	Mon, 03 Jul 2023 13:56:04 GMT	PUmmdxJS0WYCyP1fdFOxjC9wPKBs4ATm	49.36.69.254	{\"screen\": \"SoundScreen\", \"data\": {\"text\": \"Welcome to bonrix\", \"voice_data\": \"http://91.107.200.91:6500/download_wav_file?\"}}	VirtualSoundBoxAndroidApp	WAV file created and sent via MQTT successfully	Success	Text To Speech

## Device Event Log

### Device Event Log

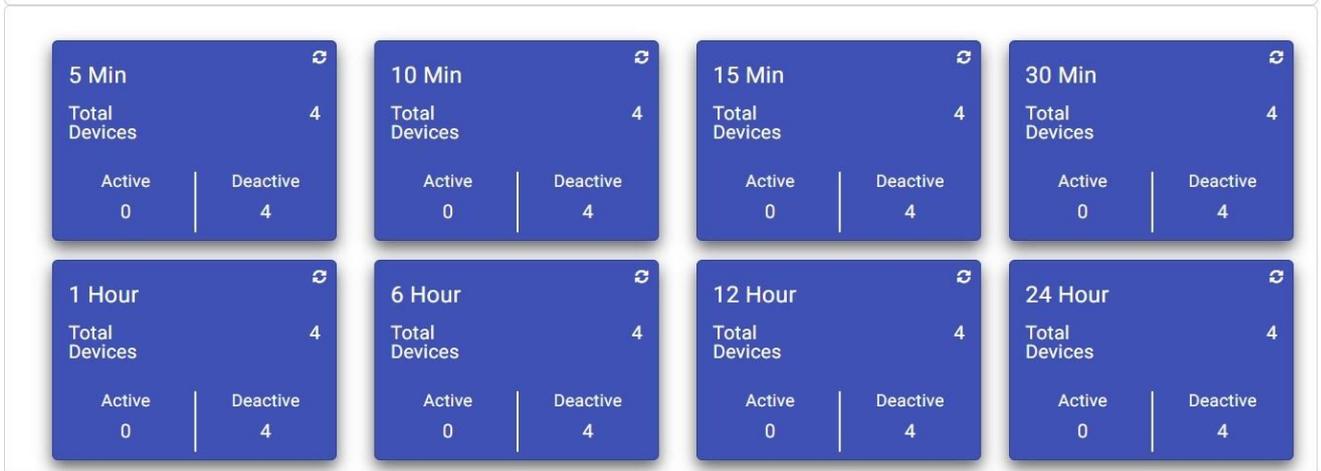
Total: 220 Records

[SEARCH](#)

id	device_date_time	device_id	device_model	event	global_ip_address	global_user_key	local_ip_address	mqtt_setting_json	remarks	system_date_time	wifi_SSID	wifi_password
583	Wed, 19 Jul 2023 12:53:12 GMT	ctGVOPt26yxU263FFA1BiDZ9Ed1yMzCT	VirtualSoundBoxAndroidA pp	POWER ON	150.129.104.229	876d78s2601j653fg54		{ "mqtt_port": "6501", "mqtt_username": "nxon", "mqtt_password": "nxon1234", "mqtt_broker": "http://91.107.200.91:6501" }		Wed, 19 Jul 2023 12:53:12 GMT		
580	Wed, 19 Jul 2023 12:51:42 GMT	ctGVOPt26yxU263FFA1BiDZ9Ed1yMzCT	VirtualSoundBoxAndroidA pp	POWER ON	150.129.104.229	876d78s2601j653fg54		{ "mqtt_port": "6501", "mqtt_username": "nxon", "mqtt_password": "nxon1234", "mqtt_broker": "http://91.107.200.91:6501" }		Wed, 19 Jul 2023 12:51:41 GMT		

### Online Dashboard

### Online Dashboard



**THANK YOU**  
**Bonrix software systems.**