
GPS Tracking System User Guide

2020-6-23

V 2.2

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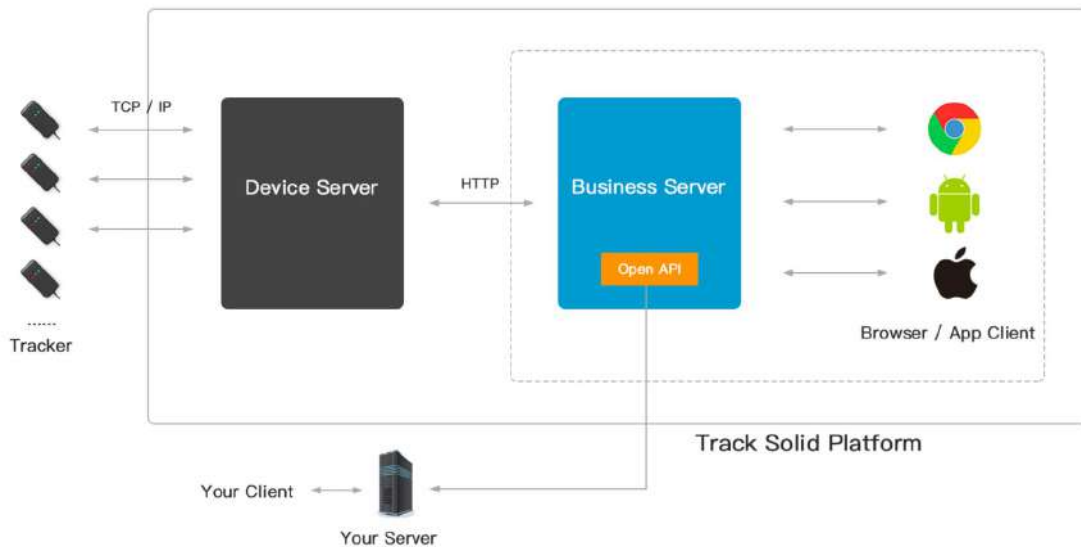
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1. Overview

A GPS tracking platform, all-in-one solution for tracking, support IOS & Android mobile Apps, can work in any country, 15+ languages. Including tracker/DVR devices management, account management, Geo-fence, alerts, real-time tracking & playback, video ,report etc.

2. Architecture



3. Conventions

3.1 Italic Text

Text format as italic indicates this is a field name or terms in this tracking platform.

User might need to input *Captcha* if account or password was incorrect for more than 3 times.
 Password can be retrieved by email if forgot it.

3.2 Bold

Some text formatted as bold to emphasize the information.

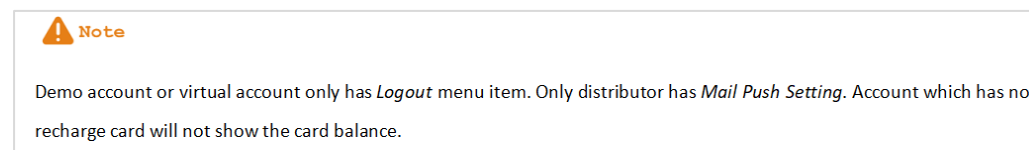
3.3 Tips

Tips given for user to know how to use this tracking platform better. It's marked with tips icon, and uses a smaller font size, for example:



3.4 Note

Remind user to pay attention to some operations, It's marked with note icon, and uses a smaller font size, for example:

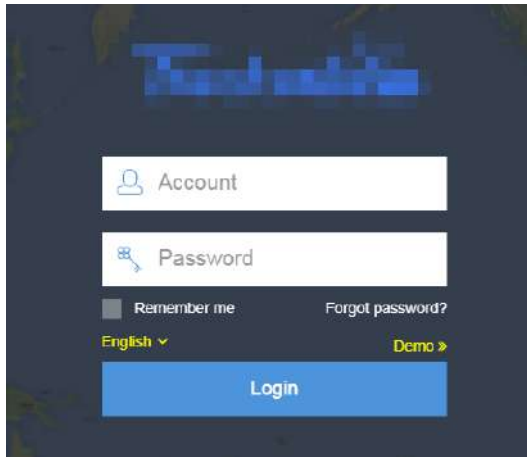


4. Features

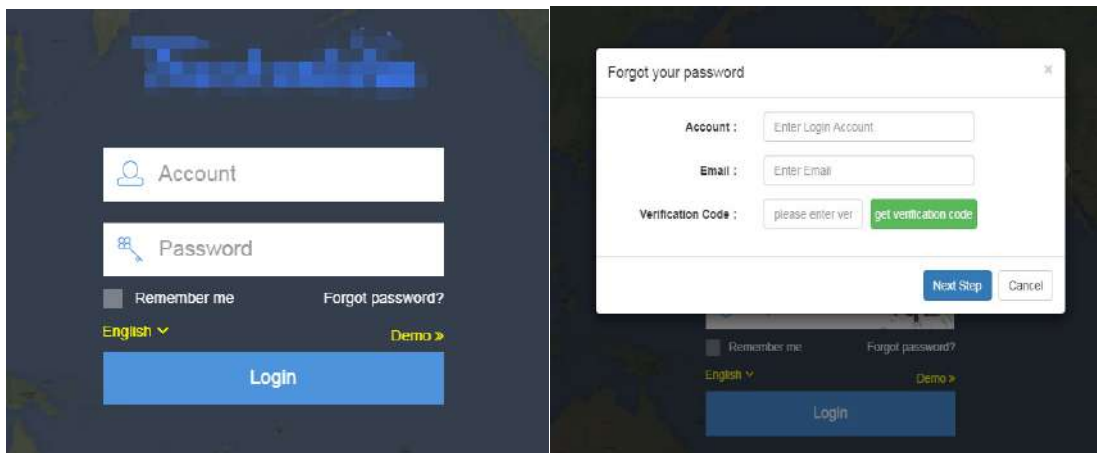
4.1 Login/Logout

4.1.1 Login

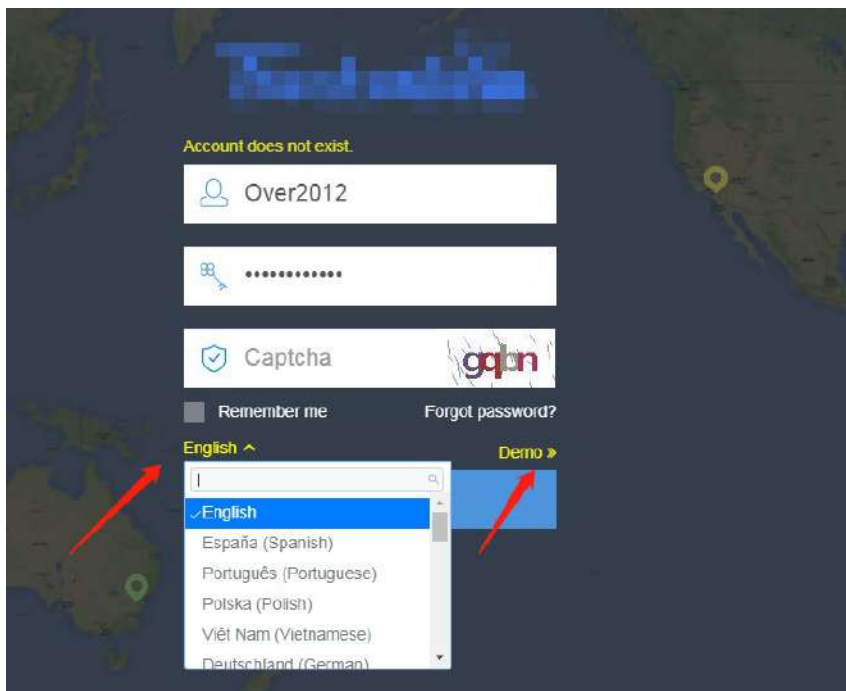
Platform account can not be registered online, it should be got from Distributor or customer services. The initial password for account is 888888, user should change it after first login.



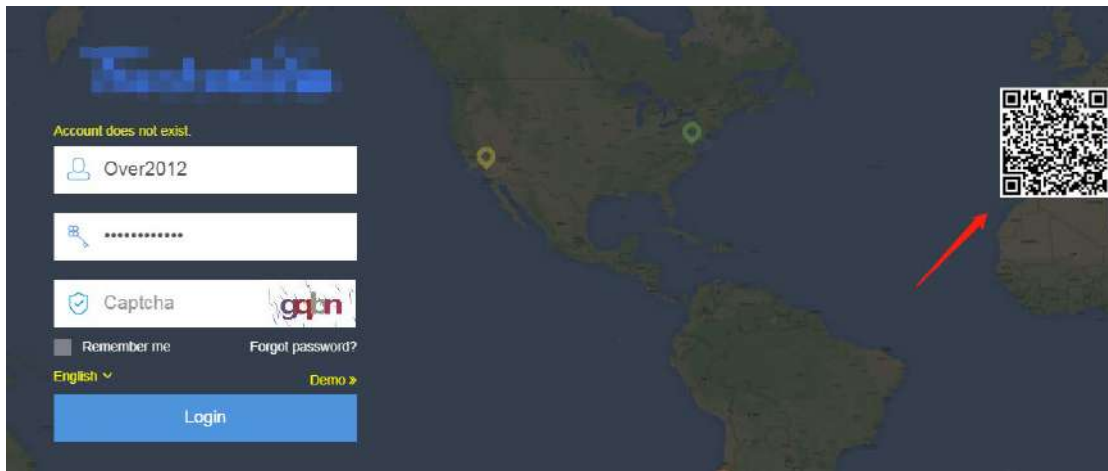
User might need to input *Captcha* if account or password was incorrect for more than 5 times. Password can be retrieved by email if forgot it.



System provide a *Demo* account to preview full features of this platform. More than 15 language are supported.

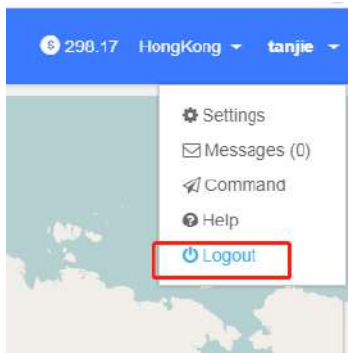


Scan QR Code to download corresponding Apps.



4.1.2 Logout

To logout system, just click *Logout* in *Settings* on the header.



4.2 Settings & Alerts

Settings contain some common features like *Settings*, *Messages*, *My Wallet*, *Command*, *Help*, *Mail Push Setting*

Mail Push Setting is used to configure distributor's own SMTP, system sends mail via this SMTP server rather than system default SMTP server if a SMTP host configured.





Demo account or virtual account only has *Logout* menu item. Only Distributor has *Mail Push Setting*.

4.2.1 Settings

● My Profile

My Profile includes configurable fields like time zone, account nick name (Customer Name), phone number, email, Google key, Default Map, Homepage. All time stores in database are by UTC(GMT) time, system converts to local time by this time zone setting. If user time zone is not set, it will be replaced by the time zone of browser.

The screenshot shows a settings form with the following fields and values:

- Login Account: tanjie
- *Customer Name: tanjie
- Contact Person: jack-t
- Telephone: 15078894555
- Email: 529442764@qq.com
- *Timezone: GMT+08:00
- *Language: English
- *Country / Region: China | 86
- *Unit: km, km/h mi, mph nmi, knot
- *Temperature: °C °F
- Google Maps Key: Enter Google Maps Key
- Allow sub-account to use this key
- Default Map: Bing Map
- Home page: Report

A blue "Save" button is located at the bottom right of the form.



System pops up a window and ask user to set time zone if user haven't set yet. If the time zone of user's browser is not identical to user setting time zone, a window will pop up for user to choose it.

The dialog box is titled "Please choose timezone" and contains the following text:

Your browser timezone and your setting timezone are not identical.
Browser Timezone: GMT+08:00, Setting Timezone: GMT

Timezone :

Buttons: Save, Cancel

4.2.2 Mail Push Settings

Some distributor request to sending email by their own SMTP server rather than default one, therefore, system provide a mail push setting for customize this information. System gets the closest superior account mail push setting as the SMTP server while sending mails.

Generally, *SMTP Auth* is required, *Username* is equal to *Mail From*. The default SMTP port is 25, but 465 for SSL.

Mail Push Setting ×

SMTP Host :

SMTP Port :

Mail From :

SMTP Auth :

Username :

Password :

SSL :


Note

To guarantee SMTP setting is valid, recommend to send a test mail after finish configuration. Otherwise, you might not able to get email notification while tracking device alerts rise.

● Change Password

The initial password is 88888, user should change it after first login. New password should contain letter and number, 6+ length.

Old Password :

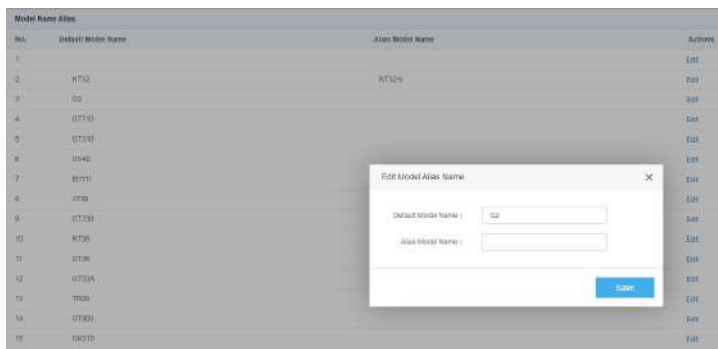
 New Password :

Confirm Password :

Confirm Password

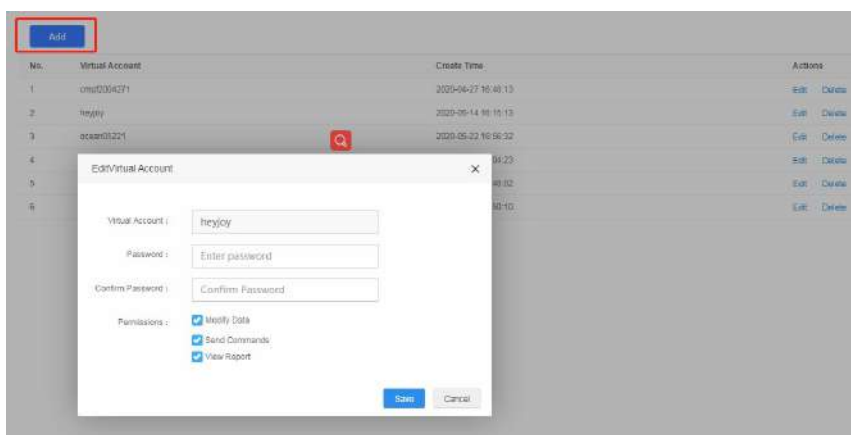
● Model Name Alias

Distributor could give their tracking devices an alias mode name, all customers of this Distributor will see the alias mode name rather than default model name in entire platform, this is good for Distributor sell product in the market.



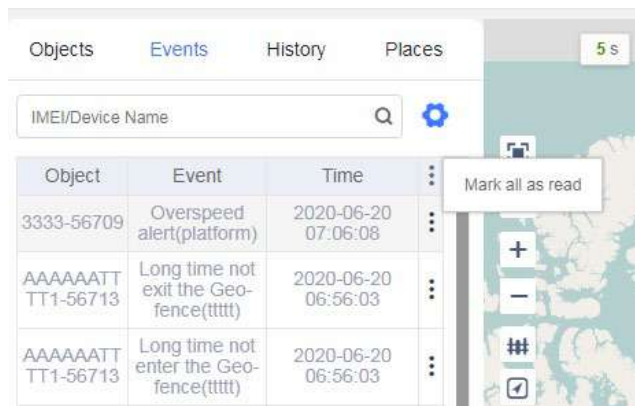
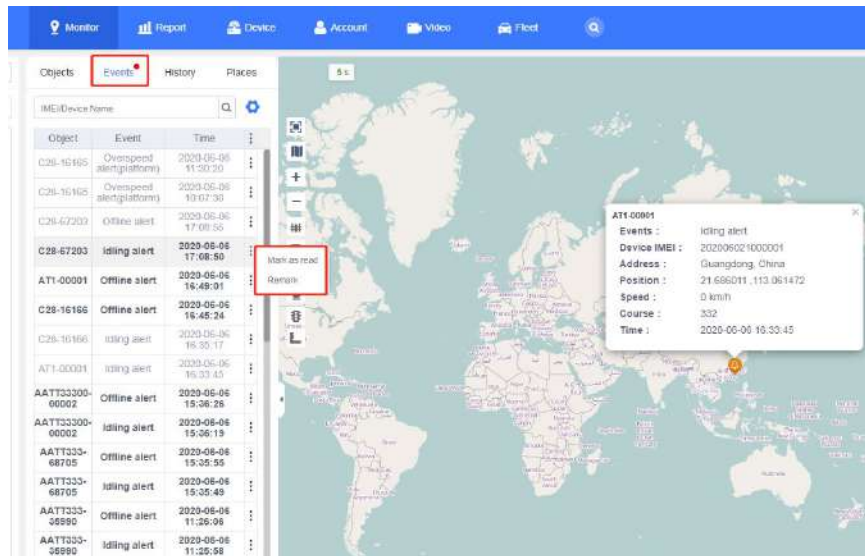
● Virtual Account

User could create multiple virtual account for current account, and specify different access permissions for it, this helps team members to cooperate with the same account. Virtual account is not a real account, it's an alias account with different access rights.



4.2.3 Alerts Settings

The alert information is displayed in the Events bar on the Monitor page, it indicates whether existing unread alerts for current login account, click the icon to view details. Can mark as read or remark this alert.



Click the corresponding Alert can view device details.

- **Mark all as read** - all alerts status become read the alarm no longer flashing.
- **Enable alarm sound** - play the sound while new alert coming.
- **Mark as read** - make selected alert as read.
- **Process** - add a remark information for selected alert.

Alerts Remark ×

Operator :

Content :

:Exist unread alerts

:All alerts are read

To receive alerts, user should switch them on in *Alert Settings* according to the alert type.

Basic Settings

Alert Settings
✕

Basic Settings

Push Settings

Alert Sound

Offline Alert Threshold : Min. (≈10)

Synchronize to Sub-account

Parking Alert Threshold : Min.

Synchronize to Sub-account

Idling Alert Threshold : Min.

With speed no more than

KM/H

Synchronize to Sub-account

Sub-account Alerts :

Offline Alert Time - the threshold for offline alerts, if device offline more than the specified time system will generate an alert.

Stay Alert Time - if user enable a stay alerts (Long time not enter/exit a Geo-fence), device stay in associated Geo-fence more than this threshold will generate a corresponding alert.

Idling Alert Time-the threshold for Idling alerts,if device idling more than the specified time and speed no more than the threshold will generate a corresponding alert.

Synchronize to Sub-account - sub-account have the same setting as current login account.

View Sub-Account Alerts - alerts from sub-account will also displayed in current account's alert list.

Push Settings

User enable the alert by check the corresponding alert type, if email address is configured, system will also send a notification by email, support to set multiple email address. Web Alert and App Alert are depends on the same switch.

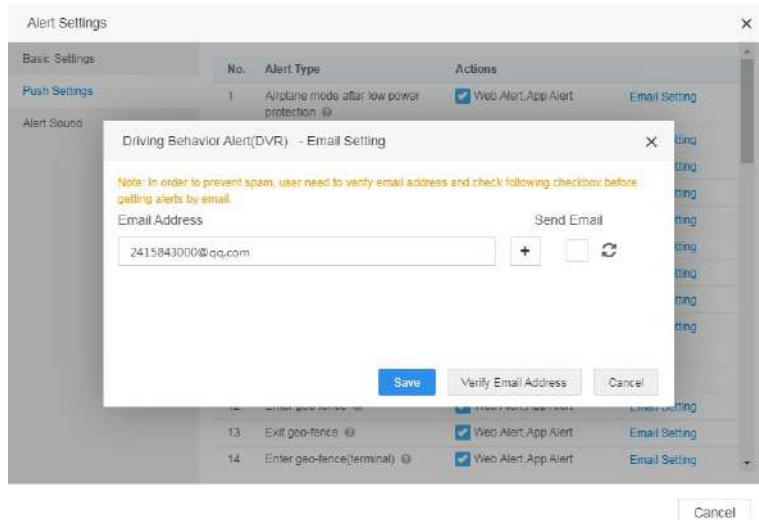
Alert Settings
✕

Basic Settings

Push Settings

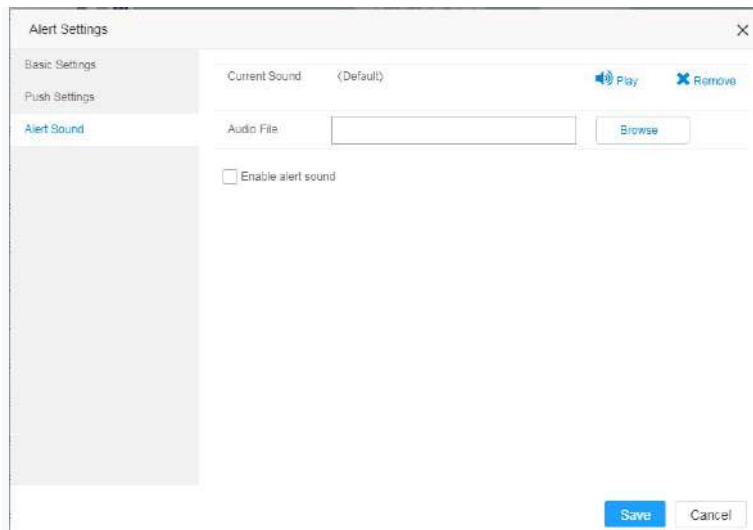
Alert Sound

No.	Alert Type	Actions
1	Airplane mode after low power protection ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
2	Booting notification ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
3	Cover Move Alert ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
4	Displacement alert(terminal) ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
5	Driving Behavior Alert ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
6	Driving Behavior Alert(DVR) ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
7	Door detection alert ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
8	DVR vibration alert ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
9	Disassembly alert ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
10	Engine On ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert
11	Engine Off ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert
12	Enter geo-fence ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
13	Exit geo-fence ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting
14	Enter geo-fence(terminal) ⓘ	<input checked="" type="checkbox"/> Web Alert,App Alert Email Setting



Alert sound

Customize alert sound, upload audio file and enable alert sound



Note

Some alert type might marked as *terminal* or *platform* with parentheses, this indicates the alert generates source, terminal represents alert is from tracking device, platform means alert is calculated in platform and alerts is sent by platform, for example, *Overspeed alert(platform)*, if user configured *Overspeed Threshold* in *Device Detail* as 100km/h, then if the calculated speed is more than 100km/h, platform will trigger an alert. However, the threshold of *Overspeed alert(terminal)* is configured by sending command to device.

Alert Settings

Basic Settings	27	Long time not enter the Geo-fence	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
Push Settings	28	Long time not exit the Geo-fence	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
Alert Sound	29	Maintenance alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	30	Night Driving Alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	31	Overspeed alert(terminal)	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	32	Overspeed alert(platform)	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	33	Offline alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	34	Power off alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	35	Power cut off alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	36	Parking Alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	37	Power off alert(DVR)	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	38	SOS alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	39	Sim card change alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	40	Sensitive areas fence	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	41	Initiative Offline(Power Off) Alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting

Cancel

Alert Settings

Basic Settings	27	Long time not enter the Geo-fence	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
Push Settings	28	Long time not exit the Geo-fence	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
Alert Sound	29	Maintenance alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	30	Night Driving Alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	31	Overspeed alert(terminal)	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	32	Overspeed alert(platform)	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	33	Offline alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	34	Power off alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	35	Power cut off alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	36	Parking Alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	37	Power off alert(DVR)	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	38	SOS alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	39	Sim card change alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	40	Sensitive areas fence	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting
	41	Initiative Offline(Power Off) Alert	<input checked="" type="checkbox"/>	Web Alert,App Alert	Email Setting

Cancel

Device Detail
✕

Basic Information
Other Information
Alerts
Sensors

Temperature Abnormal Alert

Min. Temperature : °C Max. Temperature : °C

[Save](#)

Overspeed Alert

Speed Threshold : km/h Duration : sec

[Save](#)

Maintenance Alert

Mileage ACC-ON Duration

ACC-ON Duration Threshold : hr Current Duration : hr

[Save](#)

Night Driving Alert

: :

[Cancel](#)

4.3 Mi Coins & Statistical

4.3.1 My Wallet

Display the current amount of Mi Coins, and provide the entry of Mi Coins currency recharge and transfer

Several searching criteria are also provided for user to search the Mi Coins used results , like *Operation Time, Account, IMEI* .

Mi Coins

Mi Coins Balance: 279.13

[Import & Recharge](#) [Transfer Mi Coins](#)

Operation Time : - IMEI: [Search](#) [Clear](#)

[Import Device](#) [Refresh Device](#)

No.	Operation Time	Total Price	Mi Coins Balance	Remark	Actions
1	2020-06-09 17:58:16	12.940033	279.13		Detail
2	2020-06-09 11:20:21	7.000002	291.17		Detail
3	2020-06-09 18:47:08	7.000002	305.17		Detail
4	2020-06-09 10:51:45	7.000002	298.17		Detail
5	2020-06-04 10:35:57	7.000002	312.17		Detail
6	2020-06-04 01:47:22	7.000002	319.17	Import bound by device order	Detail
7	2020-06-04 01:46:57	14.940004	319.17	Import bound by device order	Detail
8	2020-06-04 01:34:21	12.940033	319.17		Detail
9	2020-06-04 01:25:10	14.940004	331.21		Detail
10	2020-06-04 01:09:12	12.940033	345.25		Detail
11	2020-06-04 01:05:39	14.940004	357.29		Detail
12	2020-06-04 01:00:21	7	371.31		Detail
13	2020-06-03 18:19:45	7	370.00		Detail
14	2020-06-03 18:18:50	-7	377.00		Detail
15	2020-06-03 11:42:00	7	366.00		Detail
16	2020-06-03 11:24:26	7	363.00		Detail
17	2020-06-02 18:47:48	7	384.00		Detail
18	2020-06-02 18:47:26	7	391.00		Detail

- **Import device**

Import tracking devices to platform and start to use. User can import devices by Mi Coins. To import devices manually, click Import Device button, fill the required fields in the pop up window and click save button, note that IMIE is support multiple, one IMEI for each line.

Import Device

Model: * Please select

Service Type: * Please select

Unit Price: Please select model and service type

To account: tanjie

Application:

Allow to be bound by App account

IMEI:

Total : 0 Mi Coins

Save Cancel

● Renew device

Renew expired device, fill in the Service Type and device IMEI.

Renew Device

Service Type : Please select

IMEI(Press Enter for multiple lines) Add

No.	IMEI	Device Name	Account	User Expiration Date	Unit Price	Action
-----	------	-------------	---------	----------------------	------------	--------

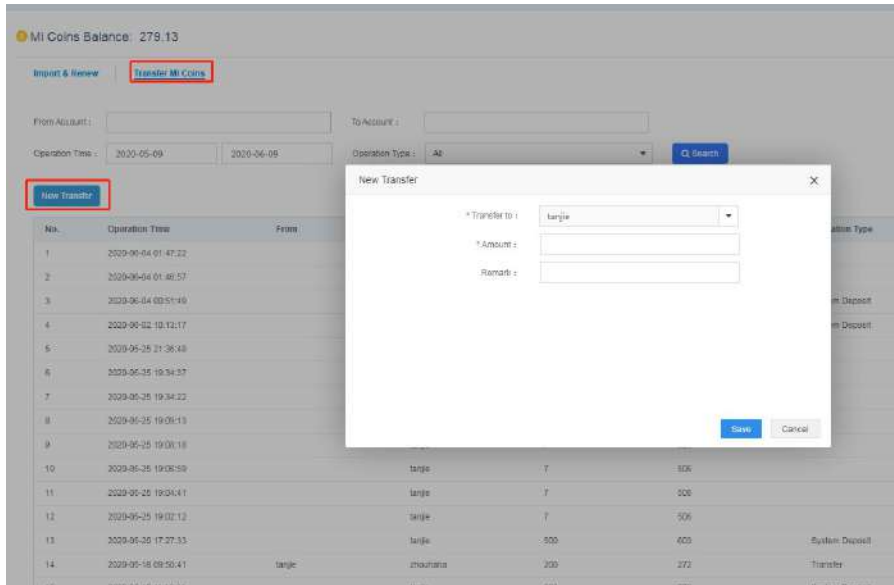
Total Price: 0 Mi Coins

Remark: Remark

Save Cancel

● Transfer Mi Coins

Transfer the Mi Coins from one account to another



- Messages

Messages gives the information of devices offline and expired.

Messages 0

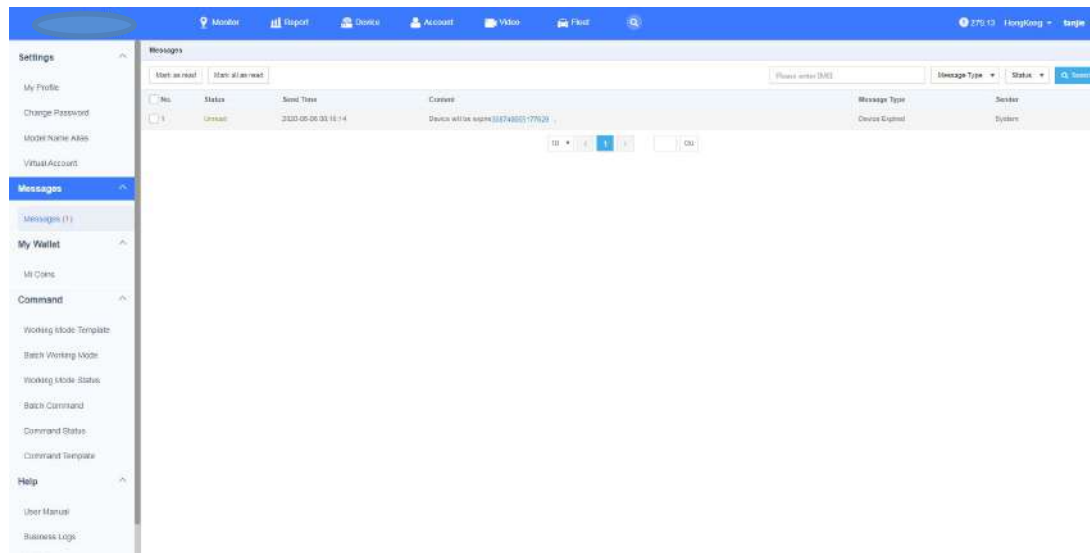
Mark as read Message Type Status

No.	Status	Send Time	Content	Message Type	Sender
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire350999026039713	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701004280256	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701004280202	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701004183569	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire350999026026721	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701004200333	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701004200249	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701003540890	Device Expired	System
<input type="checkbox"/>	Unread	2020-06-05 07:58:11	Device will be expire353701004280223	Device Expired	System
<input type="checkbox"/>	Read	2020-06-05 07:58:11	Device will be expire358733023158415	Device Expired	System

10 1 2 3 4 5 ... 9 10 >

4.3.3 Messages

System searches devices that is offline more than 3 days or to be expired in 15 days on schedule, and send notifications to user by mail(if mail address is provided in Account). Meanwhile, they are also displayed in this message box. All unread messages can be mark as read.



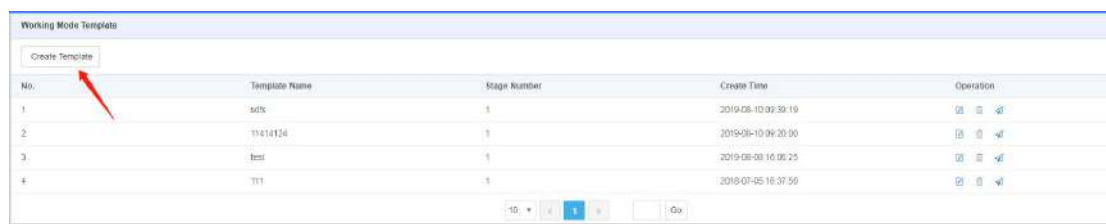
4.3.4 Command

4.3.4.1 Working Mode Template

It's a template for set GPS data packet uploading frequency. See [Working Mode](#) for more details.

Create Template

Click *Create Template* to add a new working mode template.



Edit Working Mode Template
✕

Template Name : +

Sync Frequency :

Timing Mode
Week Mode
Normal Mode

Repeat : day times

Sync Time : Sync Time1

Limitation : Time Limitation day No Limitation

Save
Cancel

Edit & Remove Template

No.	Template Name	Stage Number	Create Time	Operation
1	sdfs	1	2019-09-10 09:39:19	✎ ✎ ✎ ✎
2	11414124	1	2019-09-10 09:20:00	✎ ✎ ✎ ✎
3	last	1	2019-08-08 10:06:25	✎ ✎ ✎ ✎
4	111	1	2018-07-05 16:37:50	✎ ✎ ✎ ✎

Command

Fill device(s) IMEI and Click *Send Command* send working mode command to device.

No.	Template Name	Stage Number	Create Time	Operation
1	sdfs	1	2019-09-10 09:39:19	✎ ✎ ✎ ✎
2	11414124	1	2019-09-10 09:20:00	✎ ✎ ✎ ✎
3	last	1	2019-08-08 10:06:25	✎ ✎ ✎ ✎
4	111	1	2018-07-05 16:37:50	✎ ✎ ✎ ✎

ExoLife
✕

Add Device :

IMEI	Model	Account	Operation

Send Command

4.4 Device Management

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(s)	Status	Group	Actions
1	tanja	G718-67000	29171937467936	G730	2020-06-04		2021-09-28	2021-09-28	Enabled	Hot	Edit Sell/Move Unlink More
2	tanja	Q26-1616E	20175209101008	Q26	2020-06-10		2022-05-14	2022-05-14	Enabled	Default	Edit Sell/Move Unlink More
3	tanja	AAAAAATTTT1-08713	29171937467933	AAKT3330	2019-10-20		2022-12-30	2022-12-30	Enabled	Default	Edit Sell/Move Unlink More
4	tanja	A76-56712	29171937467933	AAKT44	2019-12-20		2022-12-20	2022-12-20	Enabled	Default	Edit Sell/Move Unlink More
5	tanja	K3-17702	35151098077792	X3	2019-11-13		2019-11-13	2019-11-13	Disabled	Default	Edit Sell/Move Unlink More
6	tanja	AAKT333-30063	29171937467933	AAKT44	2019-10-10	35	2019-09-10	2019-09-10	Enabled	Default	Edit Sell/Move Unlink More
7	tanja	3333-9999	29171937467933	WE17ACQ2	2019-09-10		2019-09-15	2019-09-15	Enabled	Default	Edit Sell/Move Unlink More
8	tanja	A702-34512	29171937467933	A702	2018-01-01	11	2019-09-15	2019-09-15	Enabled	Default	Edit Sell/Move Unlink More
9	tanja	384039880	88543534361828	1840	2016-01-01		2016-01-15	2016-01-15	Enabled	Default	Edit Sell/Move Unlink More
10	tanja	888	29171937467933	AAKT3330	2019-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
11	tanja	A733-34911	29171937467933	AAKT3330	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
12	tanja	E-1471021-88401	29171937467933	BB1	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
13	tanja	AAKT333-88796	29171937467933	AAKT3330	2019-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
14	tanja	AAKT333-60705	29171937467933	AAKT3330	2019-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
15	tanja	AAKT333-90701	29171937467933	AAKT3330	2019-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
16	tanja	AAKT44-12125	29171937467933	AAKT44	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
17	tanja	AAKT44-12424	29171937467933	AAKT44	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
18	tanja	D-04022	29171937467933	Q2	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
19	tanja	D-1111111111111	29171937467933	Q2	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More
20	tanja	AAKT44-57301	29171937467933	AAKT44	2018-01-01		2019-01-15	2019-01-15	Enabled	Default	Edit Sell/Move Unlink More

Device management includes following features:

- Import devices - import tracking devices to platform and start to use. User can import devices by license code or by recharge card.
- Searching devices - search devices by different filter conditions. User also can find the expiration of devices by the *Expiration* tab.
- View & edit device - view and edit tracking device information, including basic information, other information, alert setting by device. System also support to edit records by download Excel file and upload it to update devices, *Upload Images* is a function to upload installation images in bulk, *Set Fuel Tank Vol.* allow user to set fuel tank volume for batch devices. *Update User Expiration* is a feature to update user expiration date of sub-account's devices in bulk.
- Move devices - *Bulk Sell* support user to move multiple devices to sub-account.
- Export devices - Export selected devices or all devices(matching searching criteria) to Excel file.
- Send Command/Set Working Mode - Synchronize command or working mode to devices.
- Enable/Disable device - To stop or resume device using in platform.
- Recharge devices - Renew devices effective time in system, user can renew device by license code or recharge card.

4.4.1 Import Device

To use tracking device in platform, user need to import them first. Import devices to system manually by Mi Coins

By Mi coins

Import devices by Mi Coins if you already have purchased it, otherwise you can't import devices , select the application target, model and fill in IMEI of devices, click OK button to import devices.

Simple search including following criteria fields: *IMEI* (support multiple IMEI), *Device Name*, *Model*, also provide a checkbox *Sub-account devices* to include devices of sub-account.



IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	Status	Group	Actions
201711071467030	GT06	2020-06-06		2021-06-09	2021-06-09	Enabled	test	Edit Self/Move Monitor More
35723001916165	C28	2020-05-13		2022-05-14	2022-05-14	Enabled	Default	Edit Self/Move Monitor More
201711073456713	AATT3300	2019-12-20		2022-12-20	2022-12-20	Enabled	Default	Edit Self/Move Monitor More
201711073456712	AATT44	2019-12-20		2022-12-20	2022-12-20	Enabled	Default	Edit Self/Move Monitor More
351510080377782	X3	2019-11-13		2020-11-13	2020-11-13	Enabled	Default	Edit Self/Move Monitor More
201911091236503	AATT44	2019-10-16	55	2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
3333-56709	WETRACK2	2019-08-19		2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
AT02-34512	AT02	2019-01-01	11	2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
8840-91830	BS40	2019-01-01		2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More

You can provide multiple IMEI of devices at one time, break to new line to separate them. User can also search a device by typing the last 5 digital of IMEI.

● Advanced Search

Advanced search allow user to search devices by several additional query criteria.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	Status	Group	Actions
1	tanja	GT05-47030	201711071467030	GT06	2020-06-06		2021-06-09	2021-06-09	Enabled	test	Edit Self/Move Monitor More
2	tanja	C28-16180	35723001916165	C28	2020-05-13		2022-05-14	2022-05-14	Enabled	Default	Edit Self/Move Monitor More
3	tanja	AAAAAATT1-86713	201711073456713	AATT3300	2019-12-20		2022-12-20	2022-12-20	Enabled	Default	Edit Self/Move Monitor More
4	tanja	AT1-56712	201711073456712	AATT44	2019-12-20		2022-12-20	2022-12-20	Enabled	Default	Edit Self/Move Monitor More
5	tanja	X3-77782	351510080377782	X3	2019-11-13		2020-11-13	2020-11-13	Enabled	Default	Edit Self/Move Monitor More
6	tanja	AATT33-36503	201911091236503	AATT44	2019-10-16	55	2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
7	tanja	3333-56709	201711073456709	WETRACK2	2019-08-19		2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
8	tanja	AT02-34512	201911091234512	AT02	2019-01-01	11	2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
9	tanja	8840-91830	8804200491039	BS40	2019-01-01		2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
10	tanja	880	201711074411421	AATT3300	2019-01-01		2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More
11	tanja	AT33-34911	20171107124911	AATT3300	2019-01-01		2020-08-15	2020-08-15	Enabled	Default	Edit Self/Move Monitor More

License Plate No. - Plate Number of associated vehicle(or other type target).

VIN - Vehicle Identification Number.

SIM - SIM card number if user specified.

Application - target of tracking device attached.

Activated Date - Searches devices by activated date range (start time to end time).

Expiration Date(P) - Searches devices by Platform expiration date range.

Expiration Date(U) - Searches devices by User expiration date range.

Expiration Criteria

Expiring Soon - Gets devices which platform expiration date will expiring soon.

Expired - Gets devices which platform expiration date have been expired.

Expiring Soon(User) - Get devices which user expiration date will expiring soon.

Expired(User) -Get devices which user expiration date have been expired.



Platform Expiration Date - indicates how long the devices can be used in this platform, depends on the years specified when import or renew a device, no matter which account the devices belongs to.

User Expiration Date - each account associate with the device can be set a user expiration date, superior account can change the user expiration date of devices for sub-account. User Expiration Data help Distributor controls expiration date of devices for sub-accounts.

Activation State

Search activated or inactivated devices

Bound State

Search devices which have been bound by App or not.

Model

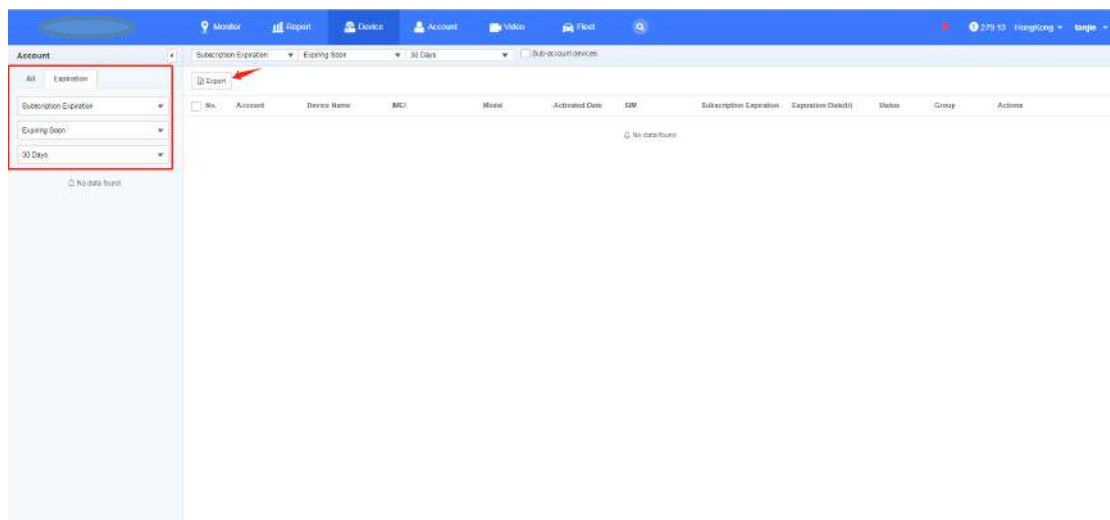
Search devices which is powered by battery or cable.

Groups

Search devices by device group.

● Expiration Search

Search devices by the expiration criteria. User can specify searching criteria like: platform expiration date or user expiration date, expired or expiring soon and the number of days. The searching criteria in the left is used to find accounts, however, the top one are used to filter devices. Then user can export all recorder.



4.4.3 View & Edit Device

System list all devices by default in the data grid, display matching results with pagination. User could view device details on the pop up window by click the IMEI link or do other operations at

the last column of each row. The account tree on the left shows the account list, including devices quantity of account(Stock/Total).

The screenshot shows a web interface for device management. On the left is an account tree with a red box around the 'hey2274' account. The main table lists devices with columns: No., Account, Device Name, IMEI, Model, Activated Date, SIM, Subscription Expiration, Expiration Date(s), Status, Group, and Actions. The 'Actions' column contains icons for edit, deactivate, monitor, and view. A red box highlights this column.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(s)	Status	Group	Actions
1	hey	C36-1788	35713280177188	C36	2023-05-19		2023-05-19	2023-05-19	Enabled	Default	edit deactivate monitor view
2	hey	D-0770-88001	30171102108801	D7710	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
3	hey	D-JC200-33333	30171102103333	JC2000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
4	hey	D-JC200-33212	30171102122212	JC2000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
5	hey	D-J05-11111	30171102111111	J05	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
6	hey	D-AT3-78901	30171102167890	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
7	hey	D-234	30171102167890	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
8	hey	D-0738561888	3017110218561888	880	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
9	hey	D-C647857	301711021647857	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
10	hey	D-C647856	301711021647856	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
11	hey	D-C647859	301711021647859	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
12	hey	D-C647858	301711021647858	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
13	hey	D-C647857	301711021647857	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
14	hey	D-C247854	30171102147854	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
15	hey	D-C247853	30171102147853	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
16	hey	D-C247852	30171102147852	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
17	hey	D-C247851	30171102147851	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
18	hey	D-JC200-47834	30171102147834	JC2000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
19	hey	D-AT3-47833	30171102147833	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
20	hey	D-AT3-47832	30171102147832	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view

This screenshot shows the same interface as above, but with the account tree on the left expanded to show more accounts. The 'hey2274' account is still highlighted. The table below shows a larger set of device records.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(s)	Status	Group	Actions
1	hey	C36-1788	35713280177188	C36	2023-05-19		2023-05-19	2023-05-19	Enabled	Default	edit deactivate monitor view
2	hey	D-0770-88001	30171102108801	D7710	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
3	hey	D-JC200-33333	30171102103333	JC2000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
4	hey	D-JC200-33212	30171102122212	JC2000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
5	hey	D-J05-11111	30171102111111	J05	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
6	hey	D-AT3-78999	30171102167899	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
7	hey	D-234	30171102167890	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
8	hey	D-0738561888	3017110218561888	880	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
9	hey	D-C647857	301711021647857	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
10	hey	D-C647856	301711021647856	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
11	hey	D-C647859	301711021647859	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
12	hey	D-C647858	301711021647858	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
13	hey	D-C647857	301711021647857	C6	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
14	hey	D-C247854	30171102147854	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
15	hey	D-C247853	30171102147853	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
16	hey	D-C247852	30171102147852	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
17	hey	D-C247851	30171102147851	C2	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
18	hey	D-JC200-47834	30171102147834	JC2000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
19	hey	D-AT3-47833	30171102147833	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view
20	hey	D-AT3-47832	30171102147832	ANT33000	2019-01-01		2019-08-15	2019-08-15	Enabled	Default	edit deactivate monitor view



You can collapse/expand the account tree one the left to expand the visible area of main content.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription	Expiration	Expiration (Index)	Status	Group	Actions
1	Key	GT710-07110	35160802207395	GT710	2017-05-20					Enabled	Default	Edit Set Name Monitor More
2	Key	GT710-07110	35160802207395	GT710	2017-05-20					Enabled	Default	Edit Set Name Monitor More
3	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
4	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
5	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
6	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
7	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
8	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
9	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
10	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
11	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
12	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
13	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
14	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
15	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
16	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
17	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
18	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
19	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More
20	Key	JC300-33300	2017110212222	JC3000	2018-01-01					Enabled	Default	Edit Set Name Monitor More

We'll look into each operations of device in the following sections.

- **Edit**

The pop up window of Edit device contains 3 tabs: Basic Information, Other Information, Alerts.

Basic Information

Some fields in basic information tab is editable, some fields are not, check the following list:

Field Name	Editable	Description
Device IMEI	No	Unique number for tracking device.
Model	No	Device model.
Device Name	Yes	Give a name for device, the default device name is model name + last 5 digital of IMEI, for example AB310-17219
SIM	Yes	SIM card number from mobile network.
Group	Yes	Device group, user can add group in Monitor page.
Activated Date	No	The date of first GPS data packet upload to sever.
Application	Yes	Device application target, like a car or a cow.
Expiration Date(P)	No	Platform Expiration Date, it cannot be changed except import or

		renew(recharge) device.
ICCID	No	Automatically update by device.
IMSI	No	Automatically update by device.
Sales Time	No	The time devices sell from superior account to sub-account.
Import Time	No	The time devices imported to system.
Expiration Date(U)	Yes	User Expiration Date, User is not allow to change expiration of his own devices(stock devices), but is able to specify it for sub-account. User Expiration Date of sub-account should not later than superior account.
Allow Bind User	Yes	Check it to enable binding this device by App. Uncheck it to unbind the App user and not allow App user to bind it.
Remark	Yes	Add additional information for this device.
Fuel Tank Information	Yes	Select a shape type of fuel tank and provide the parameter for it. This will affects the Fuel Consumption Report and Fuel information upload by device.

Other Information

System provides some additional fields for user to record relative information, like driver's information, vehicle information, installation information, user could add it on demand, system will not validate the input value, only save and display it as what user inputted.

Alerts

Some alert type can be configured by device level, like Overspeed alert, maintenance alert, night driving alert.

Overspeed alert

Speed Threshold & Duration

For instance, if speed threshold is 100km/h, duration is 10s, that means if the device's average speed in 10 seconds is above 100km/h, system recognizes it as over speed, and will send an Overspeed alert(platform).

Maintenance Alert

There are two types maintenance alert: Mileage and ACC-ON Duration.

Maintenance Alert

Mileage ACC-ON Duration

Mileage Threshold: km Current Mileage: km

As the example figure above shows, if current mileage is times of Mileage Threshold(2000km), like 202000km, 204000km, 206000km....., system will generate an alert to current user.

ACC-ON Duration can be used to send reminder if device engine on for a specific hour, for example, an excavator engine if it worked for 1000 hours, system send out an alert.

Night Driving Alert

If device is moved during the configured time range, system generates an alert. Please do not specify a time range cross day, for example, 18:00 - 05:00(second day) will not works, you should convert to two time range: 18:00 - 23:59 and 00:00 - 05:00.

Night Driving Alert

Start Time: End Time:

Start Time: End Time:

Start Time: End Time:

Sensors

Device Detail ✕

Basic Information Other Information Alerts **Sensors**

Analog Input (ADC)

Please choose analog input sensor type :

Serial port (TTL/RS232)

Please choose serial port sensor type :

Analog input(ADC)

If the device is connected to an external sensor, including the detection of external voltage and capacitive fuel sensor, the corresponding setting should be selected. If user want to display the percentage of external power, you need to set the rated voltage of the battery

Analog Input (ADC)

Please choose analog input sensor type :

Serial port (TTL/RS232)

Please select...
Please select...
External battery voltage
External battery level in percentage
Capacitive fuel sensor

Serial port (TTL/RS232)

If the device is connected to an external sensor, including temperature sensor/ultrasonic fuel sensor, and the connect way by serial port, the corresponding setting should be selected.

Serial port (TTL/RS232)

Please choose serial port sensor type :

Please select...
Please select...
Temperature sensor
Ultrasonic fuel sensor

● More Actions

Sell

The essential of sell devices is move devices from current account to sub-account, Distributor settles with his customers offline and move devices to his/her account.

Monitor

Navigate to **Monitor** page and monitor this device. See [Monitor](#) for more detail.

Playback

Navigate to Monitor page and get the last trip of device to playback. See [Playback](#) for more detail.

Trips

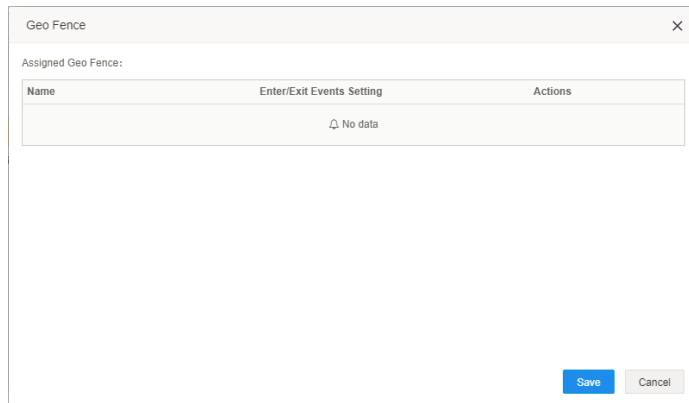
Navigate to Monitor page and list all trips. See [Trips](#) for more detail.

Command

Send command to selected device, see [Send Command/Working Mode](#) for more detail.

Geo Fence

Show associated Geo-fence, user can delete the association by click the delete link.



Alert

Navigate to [Alert Details](#) Report.

4.4.4 Move Device

Devices can be moved from one account to another by features like *Rapid Sale, Sell, Bulk Sell* or *Move Device*. These operation usually happen between Distributor and his customers, after create an account for customer, Distributor might need to move devices to customer's account.

Distributor(superior account) is able to specify an effective time for the moved devices, this time will become user expiration date for the customer's account associate with those devices. The specified user expiration date should not large then Distributor's effective time, once customer's devices expired, they could ask Distributor to extend the effective time for them.

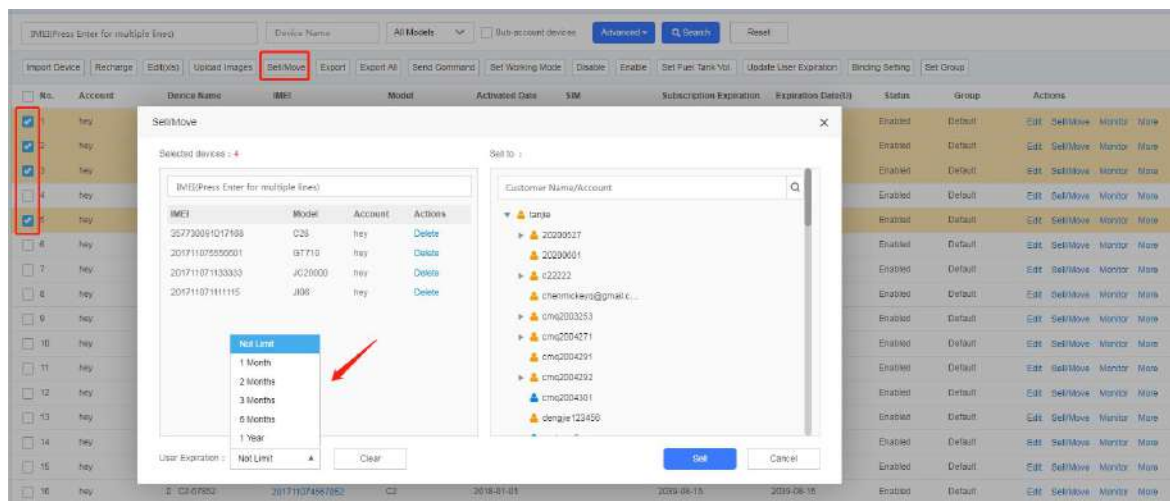
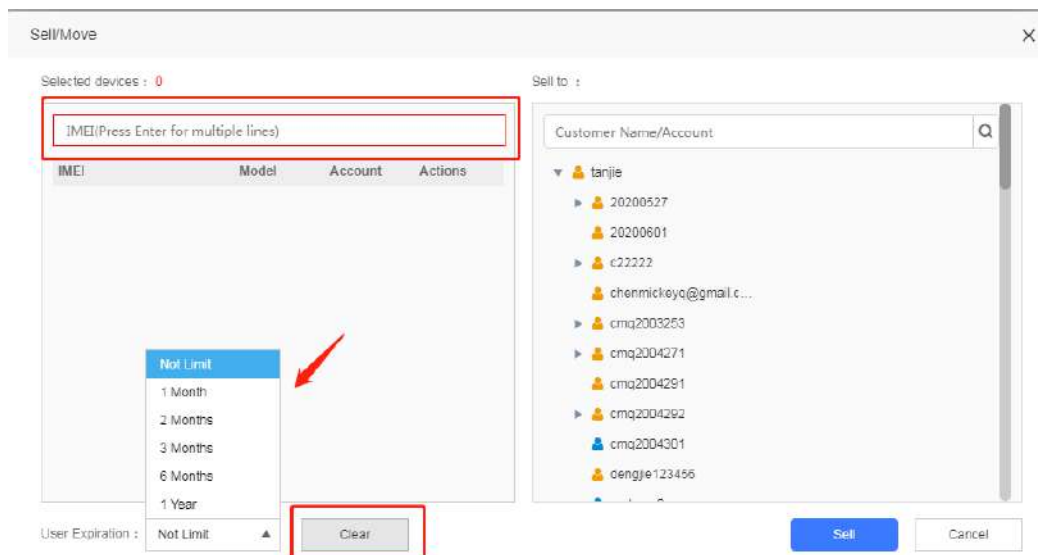
Devices can be move in bulk if user provide multiple IMEI at one time.

■ Sell/Move

Select devices or enter IMEI and click Add button to figure out which devices you want to move, specify effective time to determine how long these devices can be used by the target account, select target sub-account on the right and click Sell button to complete this operation.

Click *Delete* link to delete selected device entry.

Click *Clear* button to remove all devices added.



Note

No limitation(Not Set) means that user expiration date for the target account associate with those devices is not set, system regards it equals to the user expiration date of superior account.

4.4.5 Export Device

User can export devices to Excel. System support to export selected devices and export all query results devices. The maximum rows is 5,000.

■ **Export**

Select the devices you want to export(system will highlight them), then click *Export* button, system download the Excel in your browser.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	Status	Group	Actions	
<input type="checkbox"/>	1	hey	C26-17568	357730091017105	C26	2020-05-19		2021-05-19	Enabled	Default	Edit Set/Move Monitor More	
<input checked="" type="checkbox"/>	2	hey	GT110-90901	201711075566001	GT110	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input checked="" type="checkbox"/>	3	hey	JC200-33333	20171107113333	JC20000	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	4	hey	JC200-22112	20171107222212	JC20000	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input checked="" type="checkbox"/>	5	hey	J06-11115	20171107111115	J06	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	6	hey	AT3-78009	20171107678009	AAT33300	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input checked="" type="checkbox"/>	7	hey	334	201711075566000	AAT33300	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input checked="" type="checkbox"/>	8	hey	GT200-67860	201711074567800	300	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	9	hey	05-67857	201711074567857	05	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	10	hey	05-67858	201711074567858	05	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	11	hey	05-67859	201711074567859	05	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	12	hey	05-67858	201711074567858	05	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	13	hey	05-67860	201711074567860	05	2018-01-01		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More

A1	Account	Customer Name	Device Name	IMEI	Model	Activated Date	Subscription Expiration	User Expiration Date	Group	ICCID	IMS	Owner No
1	hey	hey	GT110-90901	201711075566001	GT110	2018-01-01	2019-06-15	2019-06-15	Default Group			
2	hey	hey	JC200-33333	20171107113333	JC20000	2018-01-01	2019-06-15	2019-06-15	Default Group			
3	hey	hey	J06-11115	20171107111115	J06	2018-01-01	2019-06-15	2019-06-15	Default Group			
4	hey	hey	334	201711075566000	AAT33300	2018-01-01	2019-06-15	2019-06-15	Default Group			
5	hey	hey	GT200-67860	201711074567800	300	2018-01-01	2019-06-15	2019-06-15	Default Group			
6	hey	hey	05-67857	201711074567857	05	2018-01-01	2019-06-15	2019-06-15	Default Group			
7	hey	hey	05-67858	201711074567858	05	2018-01-01	2019-06-15	2019-06-15	Default Group			
8	hey	hey	05-67859	201711074567859	05	2018-01-01	2019-06-15	2019-06-15	Default Group			
9	hey	hey	05-67860	201711074567860	05	2018-01-01	2019-06-15	2019-06-15	Default Group			



User can select more than 20 rows by changing the page size of query result.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	Status	Group	Actions	
<input type="checkbox"/>	1	GT140_test	GT140-97791	351510091197791	GT140	2019-07-19		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	2	GT140_test	GT140-97783	351510091197783	GT140	2019-07-19		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	3	GT140_test	GT140-97767	351510091197767	GT140	2019-07-18		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	4	GT140_test	8 868	35773009013486	JC20000	2018-01-01	HT	2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	5	GT140_test	GT140-97775	351510091197775	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	6	GT140_test	GT140-97742	351510091197742	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	7	GT140_test	GT140-97759	351510091197759	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	8	GT140_test	GT140-97734	351510091197734	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	9	GT140_test	GT140-97859	351510091197859	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More

20 * 1 0 Go

Export All

Click *Export All* to export all devices of current query results.

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	Status	Group	Actions	
<input type="checkbox"/>	1	GT140_test	GT140-97791	351510091197791	GT140	2019-07-19		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	2	GT140_test	GT140-97783	351510091197783	GT140	2019-07-19		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	3	GT140_test	GT140-97767	351510091197767	GT140	2019-07-18		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	4	GT140_test	8 868	35773009013486	JC20000	2018-01-01	HT	2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	5	GT140_test	GT140-97775	351510091197775	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	6	GT140_test	GT140-97742	351510091197742	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	7	GT140_test	GT140-97759	351510091197759	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	8	GT140_test	GT140-97734	351510091197734	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
<input type="checkbox"/>	9	GT140_test	GT140-97859	351510091197859	GT140	inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More

20 * 1 0 Go

Account#	Customer Name	Device Name	IMEI	Model	Activated Date	Sales Time	SIM	Subscription Expiration	User Expiration Date	Group	ICCID	IMSI	Driver No
GT140_test	GT140_test	GT140-97791	351510091192791	GT140	2019-07-19			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97793	351510091192793	GT140	2019-07-19			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97797	351510091192797	GT140	2019-07-19			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97798	351510091192798	GT140	2019-07-19			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97775	351510091192775	GT140	inactive	2019-11-29	111	2030-09-15	2030-09-15	Default Group	7888061713004295174000041133160511		
GT140_test	GT140_test	GT140-97742	351510091192742	GT140	inactive			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97760	351510091192760	GT140	inactive			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97734	351510091192734	GT140	inactive			2030-09-15	2030-09-15	Default Group			
GT140_test	GT140_test	GT140-97809	351510091192809	GT140	inactive			2030-09-15	2030-09-15	Default Group			



If you want to export devices include sub-account's, check *Sub-account devices*, then click *Export All* button.

All Devices

IMEI (Press Enter for multiple times) Device Name All Models **Sub-account devices**

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date (H)	Status	Group	Actions
1	GT140_test	GT140-97791	351510091192791	GT140	2019-07-19		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
2	GT140_test	GT140-97793	351510091192793	GT140	2019-07-19		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
3	GT140_test	GT140-97797	351510091192797	GT140	2019-07-19		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
4	GT140_test	E 408	35773000013498	JC20000	2019-01-01	111	2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
5	GT140_test	GT140-97775	351510091192775	GT140	inactive		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
6	GT140_test	GT140-97742	351510091192742	GT140	inactive		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
7	GT140_test	GT140-97759	351510091192759	GT140	inactive		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
8	GT140_test	GT140-97734	351510091192734	GT140	inactive		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More
9	GT140_test	GT140-97809	351510091192809	GT140	inactive		2030-09-15	2030-09-15	Enabled	Default	Edit Set/Move Monitor More

20 / 1

4.4.6 Send Command/Set Working Mode

System allow user to send supported command or set working mode to device by internet.

If device is online, it will be executed immediately and return the results, however, if device is offline, the command will be stored and executed after device online next time, this is called pending offline command, system support only one offline command, it will be overwritten by subsequent offline commands.

Set Working Mode is a special command for some devices to change frequency of uploading GPS packet. For example, an asset tracking device might need to change the frequency.

4.4.1.1. Send Command

Commands in platform can be divided into two types: predefined command and user defined command.

Predefined Command

Command are configured by several command type, user can select one of them, subsequently, system will list all available commands by tab, each tab is a command, each command might have several parameters, user inputs or select the parameter value and click button to send command, see below figure for example.

The bottom data grid lists the selected device's support for current command. *Pending Command?*

indicates whether existing pending offline command that we mentioned in previous section.

The screenshot shows a 'Send Command' dialog box with the following elements:

- Command Type:** A dropdown menu set to 'SOS number'.
- Command:** A sub-dialog titled 'Delete SOS number' with three input fields for 'Number 1', 'Number 2', and 'Number 3'. A red arrow points to the 'Delete SOS number' title with the label 'Command', and another red arrow points to the 'Number 1' field with the label 'Command Parameter'.
- Description:** 'Sos number is used for SOS call and receiving alarm. It supports phone number of 3-20 digits.'
- Start/End Time:** Two date-time pickers showing '2018-04-21 17:30:00' and '2018-05-21 17:30:00'.
- Selected device:** '2'. A red warning message below it states: 'Command will be ignored if devices do not support it. Pending offline command will be overwritten.'
- Table:** A table with columns: IMEI, Model, Account, Support?, Pending Command?, and Actions.

IMEI	Model	Account	Support?	Pending Command?	Actions
201711078523578	GT06N	test123	Yes	No	Delete
888120155010504	GT350	test123	Yes	Yes	Delete

Buttons: Send, Cancel

Note

Command will be ignored if devices do not support it. Pending offline command will be overwritten by new offline command.

User Defined Command

Users can send command which not defined in platform by select *User-defined* command type and input the command content manually, for instance, command 'version#' will return version information of device firmware. In some cases, the password of current login account should be provided for security reason.

The screenshot shows a 'Send Command' dialog box with the following elements:

- Command Type:** A dropdown menu set to 'User-defined'.
- User defined command:** A sub-dialog with an input field containing 'version#' and a 'Password:' input field.
- Start/End Time:** Two date-time pickers showing '2018-04-21 17:30:00' and '2018-05-21 17:30:00'.
- Selected device:** '2'. A red warning message below it states: 'Command will be ignored if devices do not support it. Pending offline command will be overwritten.'
- Table:** A table with columns: IMEI, Model, Account, Support?, Pending Command?, and Actions.

IMEI	Model	Account	Support?	Pending Command?	Actions
201711078523578	GT06N	test123	Yes	No	Delete
888120155010504	GT350	test123	Yes	Yes	Delete

Buttons: Send, Cancel

There are server entrance to send command individual or in bulk, see following example:

a. In device list, click More -> Command

No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(s)	Status	Group	Actions
1	GT140_test	GT140-97791	351510091197791	GT140	2019-07-19		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Playlock More
2	GT140_test	GT140-97792	351510091197792	GT140	2019-07-19		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Track More
3	GT140_test	GT140-97797	351510091197797	GT140	2019-07-18		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Command More
4	GT140_test	D_458	357730090013488	JC2000	2019-01-01	111	2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Alerts More
5	GT140_test	GT140-97775	351510091197775	GT140	Inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
6	GT140_test	GT140-97742	351510091197742	GT140	Inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
7	GT140_test	GT140-97759	351510091197759	GT140	Inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
8	GT140_test	GT140-97734	351510091197734	GT140	Inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More
9	GT140_test	GT140-97809	351510091197809	GT140	Inactive		2019-06-15	2019-06-15	Enabled	Default	Edit Set/Move Monitor More

b. Monitor

The screenshot displays the 'Monitor' section of the application. On the left, a sidebar shows a list of accounts, with 'GT140_test(9/16)' selected. The main area is divided into a list of devices and a map. The device list shows various devices with their status (e.g., 'offline', 'inactive'). A context menu is open over one of the devices, with 'Device Command' highlighted. The map shows the location of the selected device, with a detailed popup window displaying the device's status as 'Offline 27day+', its IMEI (JC200-67830), and its last positioning information.

c. Advanced Search

Advanced Search
✕

Account : Please select account IMEI 201711074567830 Back

Date Type : Activated Date Select date Time Range Status : Expired Not Activated Search Reset

User Relationship
Device Detail
Move Device
Device Command

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	JC200-87830	201711074567830	JC20000	2018-04-19	2039-08-15	2039-08-15		Playback Tracking Alert Monitor

User Relationship :

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanjie	Distributor	tanjie	16078804555	343	Monitor View Devices
2	ocean0124	Distributor	ocean0124		5	Monitor Reset Password View Devices

ocean0124

d. Device list, select devices and click *Send Command* button to send command in bulk.

All Devices
✕

IMEI(Press Enter for multiple lines) Device Name All Models Sub-account devices Advanced Search Reset

Import Device
Recharge
Edit(Alt)
Upload Images
Sell/Move
Export
Export All
Send Command
Set Working Mode
Disable
Enable
Set Fuel Tank Vol.
Update User Expiration
Binding Setting
Set Group

<input type="checkbox"/>	No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	States	Group	Actions
<input type="checkbox"/>	1	ocean0124	AT4-34003	201711071234003	JAAT44	2019-03-18		2039-08-15	2039-08-15	Enabled	Default	Edit Sell/Move Monitor More
<input type="checkbox"/>	2	ocean0124	GT900-11002	207730020011002	GT900	2018-12-18		2039-08-15	2039-08-15	Enabled	Default	Edit Sell/Move Monitor More
<input type="checkbox"/>	3	ocean0124	JC200-87830	201711074567830	JC20000	2018-04-19		2039-08-15	2039-08-15	Enabled	Default	Edit Sell/Move Monitor More
<input type="checkbox"/>	4	ocean0124	AT1-34884	201711071234884	AT1	Inactive		Expired	Expired	Enabled	Default	Edit Sell/Move Monitor More
<input type="checkbox"/>	5	ocean0124	AT1-34883	201711071234883	AT1	Inactive		Expired	Expired	Enabled	Default	Edit Sell/Move Monitor More

20 < > 1 / 2 Go

4.4.1.2. Set Working Mode

Set Working Mode is a feature to configure device packet uploading frequency, it can be set by different mode, like Timing Mode, Week Mode or Normal Mode. Event more, the working mode can be set as template and combines multiple frequency settings.

Edit Working Mode Template X
 Template Name : +
 Sync Frequency : Timing Mode Week Mode Normal Mode
 Repeat : day times
 Sync Time : Sync Time1
 Limitation : Time Limitation day No Limitation
Save Cancel

Timing Mode

Device uploading frequency will be set to repeat by m day n times, for example if $m = 1$ and $n = 12$, that is identical to upload GPS packet every 2 hours(12 times for 1 day), some asset tracking device like logistics tracking device might be used to track oversea cargo shipping, the frequency of uploading GPS packet can be set to one or two days for each data packet uploading, this is beneficial to the saving of battery power.

Sync Time1: the start time of this frequency setting.

Limitation: how long devices upload GPS packet according to this frequency setting.

Edit Working Mode Template X
 Template Name : +
 Sync Frequency : Timing Mode Week Mode Normal Mode
 Repeat : day times
 Sync Time : Sync Time1
 Limitation : Time Limitation day No Limitation
Save Cancel

Week Mode

Set device uploading frequency of GPS packet by weekday.

Sync Weekday: the weekday of uploading GPS packet.

Sync Time: the time of weekday to upload GPS packet.

The screenshot shows a dialog box titled "Edit Working Mode Template". At the top, there is a "Template Name" input field with a green "+" button to its right. Below this, the "Sync Frequency" section has three tabs: "Timing Mode", "Week Mode" (which is highlighted with a red box), and "Normal Mode". Under the "Week Mode" tab, there are several settings: "Sync Weekday" with radio buttons for Sun, Mon (checked), Tues, Wed, Thur, Fri, and Sat; "Sync Time" with an input field containing "16:22"; and "Limitation" with radio buttons for "Time Limitation" (selected) and "No Limitation", followed by a "week" label.

Normal Mode

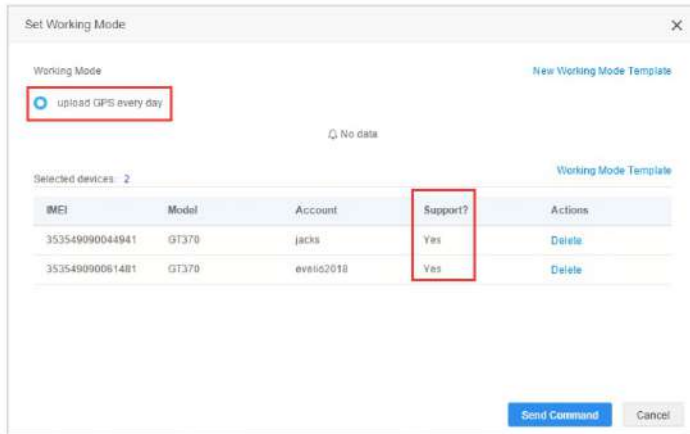
Actually, this mode is same as Timing Mode, can be used to set the frequency of uploading GPS packet by an interval.

Wake Up Time: The first time device upload GPS packet according to this frequency setting.

Sync Interval: the interval of uploading GPS data packet, minimum is one hour, maximum is 15 days.

The screenshot shows the same "Edit Working Mode Template" dialog box, but now the "Normal Mode" tab is selected and highlighted with a red box. The settings under this tab are: "Wake Up Time" with an input field containing "20:23"; "Sync Interval" with a dropdown menu showing "1H"; and "Limitation" with radio buttons for "Time Limitation" (selected) and "No Limitation", followed by a "day" label.

After working mode template was created, user could select the target devices to send working mode like send command in bulk, the field *Support?* in the datagrid shows whether selected devices support working mode or not.



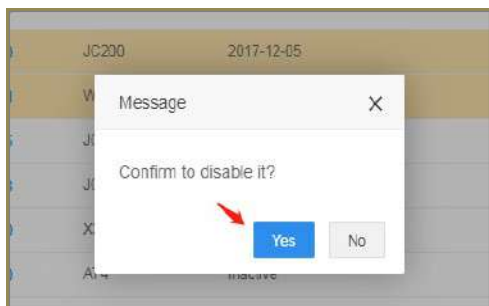
4.4.7 Enable/Disable Device

In a few cases, user probably want to disable devices of sub-account for some reason. The disabled device will not able to monitor, track device, or playback tracks until superior account enable it.

- #### Disable Device

To disable devices, select devices and click *Disable* button, system will ask user to confirm it, Click *Yes* to disable devices, click *No* to cancel current operation. A disabled device will have no other actions for *More* link at the end of each row.

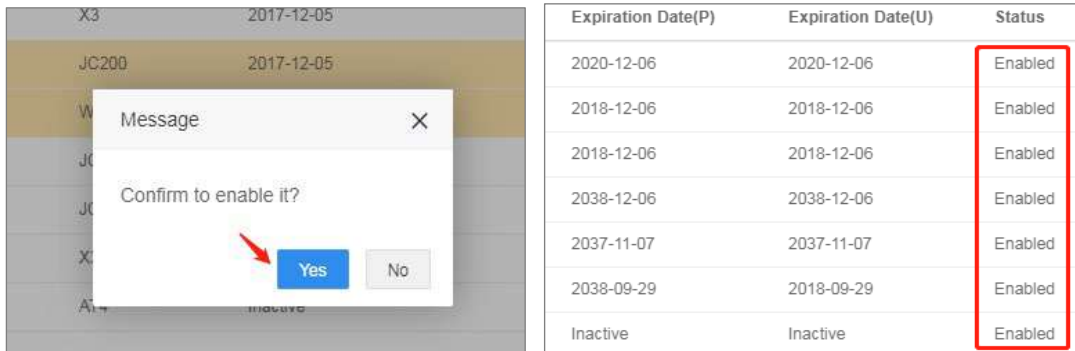
No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Expiration Date(P)	Expiration Date(U)	Status
<input checked="" type="checkbox"/>	itarcy	GT710-26972	201711078226972	GT710	2017-12-05		2019-12-06	2019-12-06	Enabled
<input type="checkbox"/>	itarcy	GT710-26971	201711078226971	GT710	2017-12-05		2020-12-06	2020-12-06	Enabled
<input checked="" type="checkbox"/>	itarcy	C6-26985	201711078226985	C6	2017-12-05		2019-12-06	2019-12-06	Enabled
<input type="checkbox"/>	itarcy	X3-26984	201711078226984	X3	2017-12-05		2018-12-06	2018-12-06	Enabled
<input checked="" type="checkbox"/>	itarcy	JC200-20860	201711078226960	JC200	2017-12-05		2038-12-06	2038-12-06	Enabled
<input checked="" type="checkbox"/>	itarcy	Weitrack Lite-26981	622421228226981	Weitrack Lite	2017-11-06		2037-11-07	2037-11-07	Enabled



Expiration Date(P)	Expiration Date(U)	Status
2020-12-06	2020-12-06	Disabled
2018-12-06	2018-12-06	Disabled
2018-12-06	2018-12-06	Disabled
2038-12-06	2038-12-06	Disabled
2037-11-07	2037-11-07	Disabled
2038-09-29	2018-09-29	Disabled

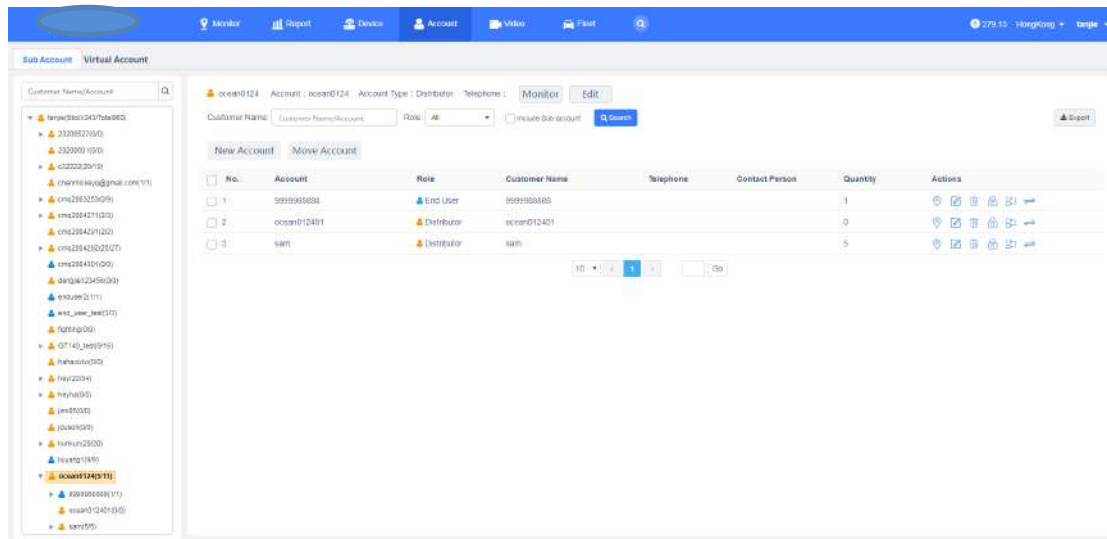
■ **Enable Device**

To resume devices which have been disabled, just select devices and click *Enable* button.



4.5 Account Management

Since this tracking platform does not provide account registration online, a new account should be created by superior user. Usually, Distributor create sub-account for his customer, lower level Distributor create sub-account for his customer recursively. For example, Distributor A sell tracking devices to B, B is also a Distributor, B sell products to End User C, in this case, A will create account for B, B create account for C.



New Account - Creates a new sub-account, which superior account is the current login account.

Account Search - Search account on the account tree on the left, or search it by role.

Operations

- | Operations | Icon | Description |
|----------------|------|--|
| Tracking | | navigate to <i>Monitor</i> page, locating to user's current position on the Map. |
| Edit | | Edit account information. |
| Delete | | remove account. |
| Reset Password | | reset password for selected sub-account. |
| Move | | move account to another account. |

4.5.1 New Account

Create a new sub-account for current login account.

There are four account types in system:

Sales - an account type for sales in this tracking platform, sales account is able to create sub-account like Sales, Distributor, Enterprise user and End User.

Distributor - This account type can create Distributor, Enterprise User and End User sub-account. Can manage, sell/move devices to sub users, but can't use as enterprise user;

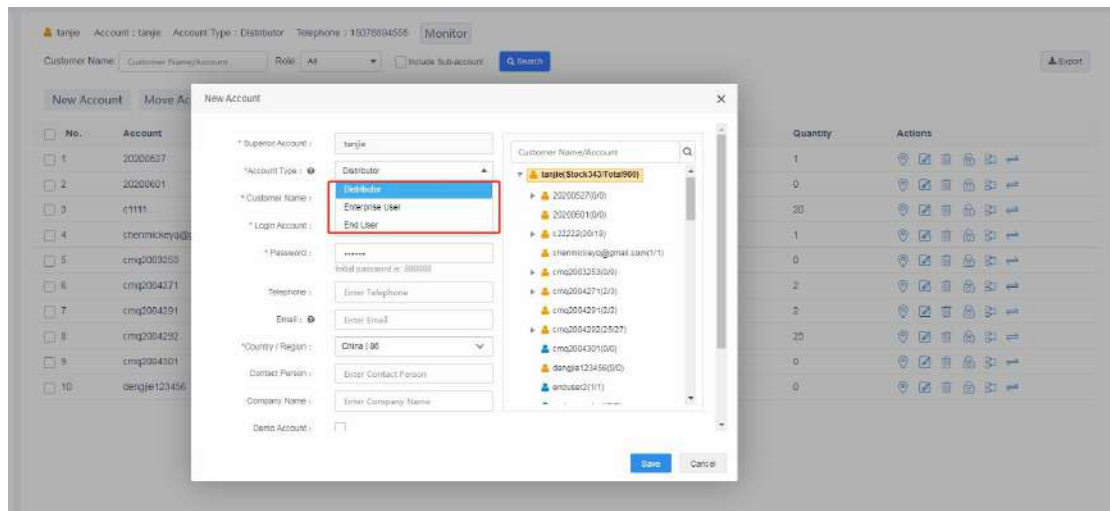
Enterprise user- This account type can create Enterprise user and End User sub-account. It's a collection of company or department level administrators, can manage all sub accounts and devices, and has access to Enterprise Specific Section;

End User – This account type can't create sub-account, Can only manage and monitor single or multiple devices;



1. Distributor and End User can be changed to Enterprise User, and after being changed to Enterprise User, Can't change to other roles.
2. Enterprise user can't change to other roles.
3. If Distributor have their own Fleet, can create a new Enterprise user account, transfer the device to this account, and use this new Enterprise user account to manage their own Fleet.
4. The Enterprise Specific Section include: Fleet (Fleet functionality can only be used by Enterprise user. The hierarchy from highest to lowest is: Sales->Distributor->Enterprise user->End user. Superiors can modify or create sub-account, as Distributor can change its subordinates to enterprise User .when role is modified to Enterprise User can use Fleet, and the sales or administrator role can also enter the Fleet page).

Res.	Account	Role	Customer Name	Telephone	Contact Person	Quantity	Actions
<input type="checkbox"/>	1	9999999999	End User	9999999999		1	
<input type="checkbox"/>	2	0000000000	Distributor	0000000000		0	
<input type="checkbox"/>	3	0000000000	Distributor	0000000000		5	



Superior Account

Default to current login account, user is able to change it at the account tree one the right.

Account Type

Radio options are Sales, Distributor, Enterprise user, End User. The radio options will changes according to account type of selected superior account.

Sales - available options are Sales/Distributor/ Enterprise user /End User

Distributor - available options are Distributor/ Enterprise user /End User

Enterprise user - available options are Enterprise user/End user

End User – only manage and monitor single or multiple devices;

Customer Name

A string with length of 3-50 characters.

Login Account

The username you login system, recommend that not contains blank in the middle of string, allow to include some special character like @ and ., that means email address is supported.

Password

For security reason, password not allow less than 6 characters, and must be a combination of letters and numbers. The default password is 888888, if not specify an password, the new created account should change it after first login. On the contrary , system will not ask for change password if provided it while creating account.

Confirm Password

This field should match previous entered password.

Telephone

Phone number.

Email

Email is required, if user want to retrieve password if forgot it. System also will send some notifications like expiration or offline information of device to this email address.

Contact Person

The contact person will be shown as Service Provider in Dashboard of sub-account.

Company Name

Company name of sub-account.

Note that Customer Name, Account Type, Contact Person as well as Telephone of current account and super-account will be displayed in the Dashboard.

Permissions

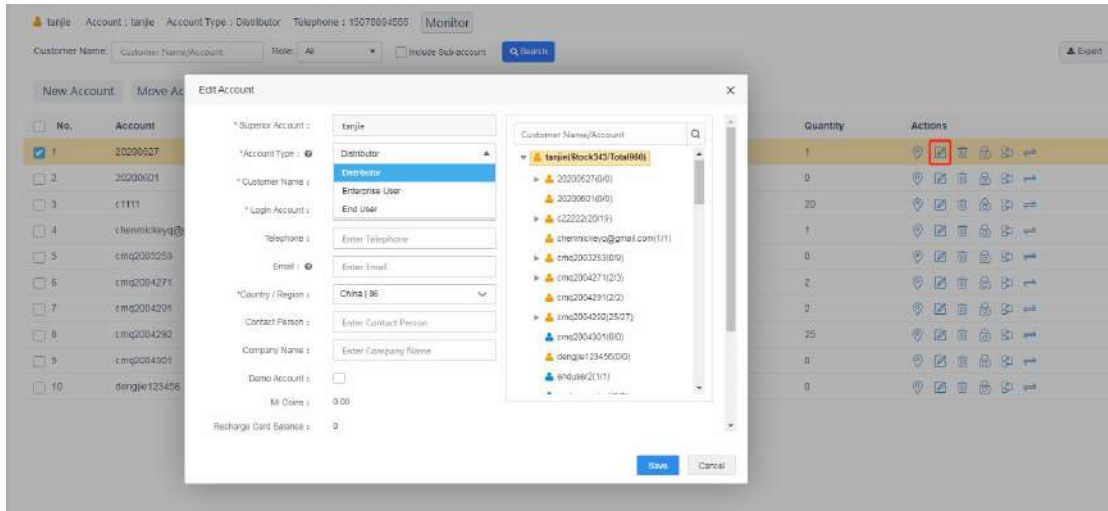
Permissions	Description
Web Login	Created account is able to login platform by Web.
App Login	Created account is able to login from Android or iOS Apps.
Send Command	Created account is allowed to send command to devices.
Set Working Mode	Created account is allowed to set working mode for devices.
Edit by Web	Created account is able to save data in platform.
Edit by App	Created account is able to save data through Android or iOS Apps.

Note

The scope of permissions inherited by sub-account is equal to permissions superior account have, that is, some permissions probably not available for sub-account if his superior account did not have these permissions

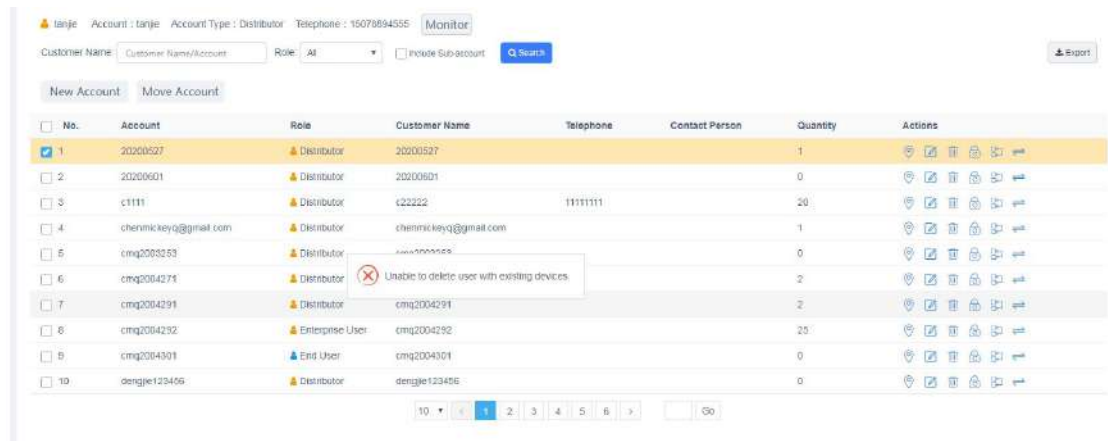
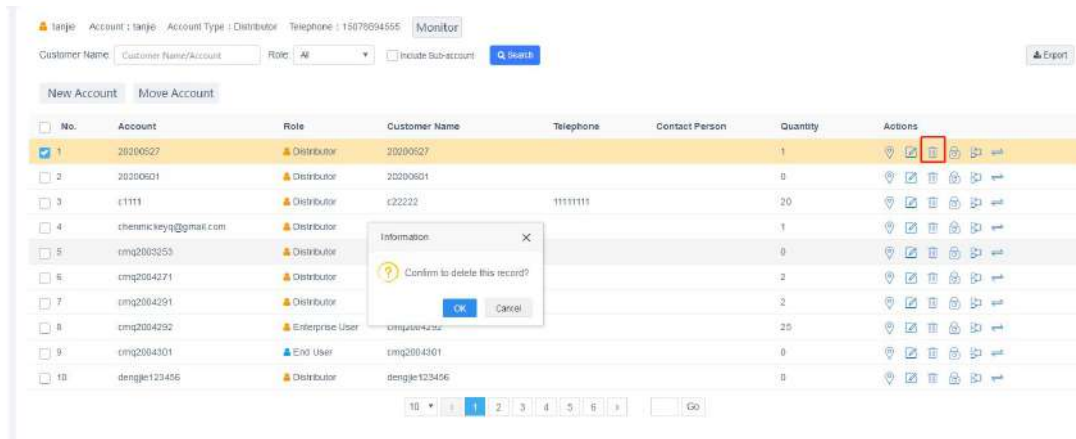
4.5.2 Edit Account

User can change account after created it, Note that Login account is not editable. System also shows an additional.



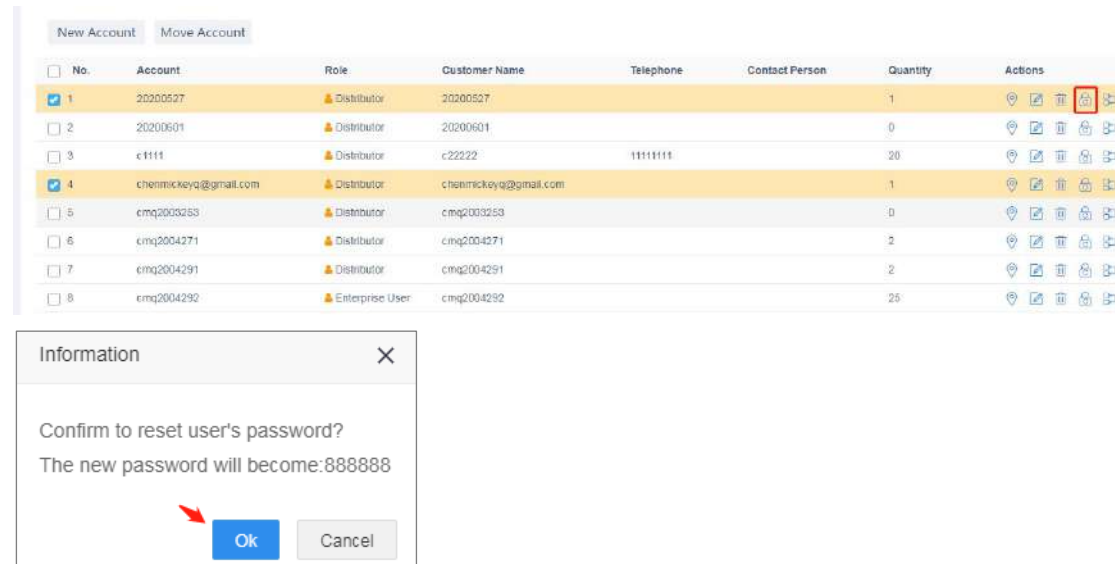
4.5.3 Delete Account

If account have no sub-account or tracking device, it can be removed, otherwise, it's not allow to remove. System will ask user for double check this operation before delete it.



4.5.4 Reset Password

User is able to reset password for sub-account if he/she forget password. The default password is 888888, sub-account should change the default password after login system.



The screenshot shows a web interface with two tabs: "New Account" and "Move Account". Below the tabs is a table with the following columns: No., Account, Role, Customer Name, Telephone, Contact Person, Quantity, and Actions. The table contains 8 rows of account data. The "Actions" column for each row contains several icons, including a red square icon. Below the table is an "Information" dialog box with a close button (X). The dialog box contains the text: "Confirm to reset user's password? The new password will become:888888". At the bottom of the dialog box are two buttons: "Ok" and "Cancel". A red arrow points to the "Ok" button.

No.	Account	Role	Customer Name	Telephone	Contact Person	Quantity	Actions
1	20200527	Distributor	20200527			1	[Icons]
2	20200601	Distributor	20200601			0	[Icons]
3	c1111	Distributor	c22222	11111111		20	[Icons]
4	chenmickey@gmail.com	Distributor	chenmickey@gmail.com			1	[Icons]
5	cmq2003253	Distributor	cmq2003253			0	[Icons]
6	cmq2004271	Distributor	cmq2004271			2	[Icons]
7	cmq2004291	Distributor	cmq2004291			2	[Icons]
8	cmq2004292	Enterprise User	cmq2004292			25	[Icons]

Information

Confirm to reset user's password?
The new password will become:888888

Ok Cancel

4.5.5 Move Account

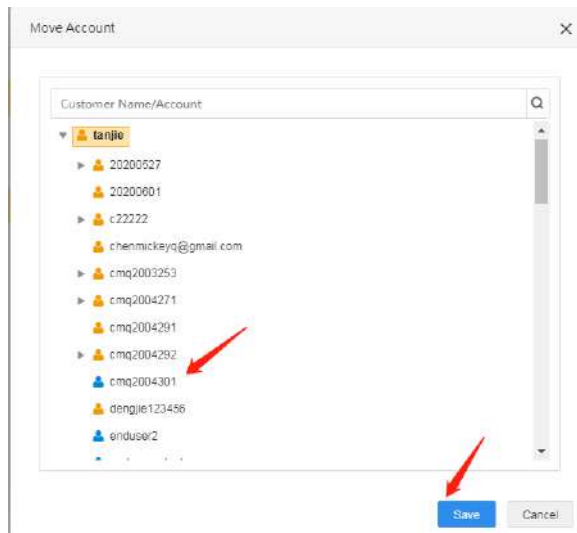
Move account help user to reorganize accounts when business relationship changed. Note that after account moved the devices account associated, account permissions, as well as the quantity of recharge cards will not be changed.



The screenshot shows the same web interface as in the previous section, but with the "Move Account" tab selected. The table of accounts is identical to the one in the previous section. The "Actions" column for each row contains several icons, including a red square icon.

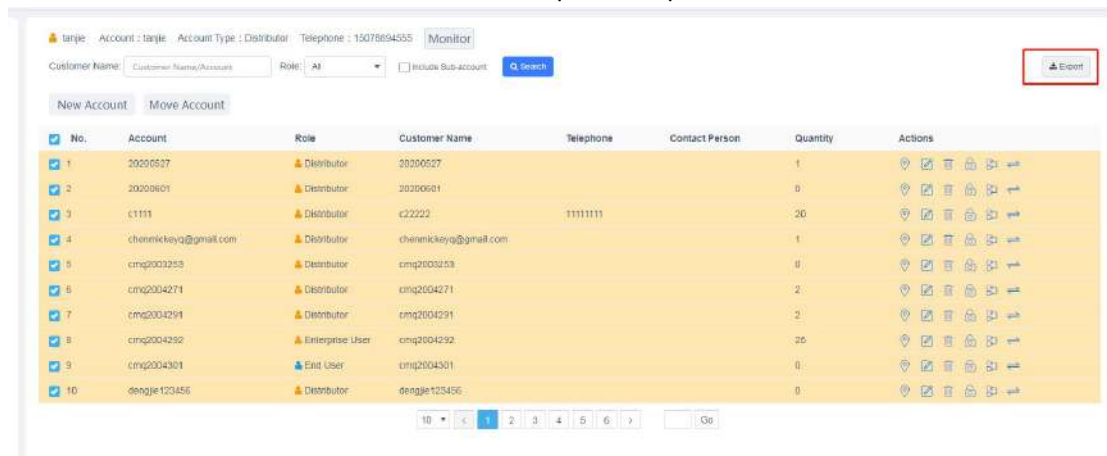
No.	Account	Role	Customer Name	Telephone	Contact Person	Quantity	Actions
1	20200527	Distributor	20200527			1	[Icons]
2	20200601	Distributor	20200601			0	[Icons]
3	c1111	Distributor	c22222	11111111		20	[Icons]
4	chenmickey@gmail.com	Distributor	chenmickey@gmail.com			1	[Icons]
5	cmq2003253	Distributor	cmq2003253			0	[Icons]

Click the move user icon and select target account, then click *Save* button to finish this operation.



4.5.6 Export Account

Users can select accounts in batches and click export to export account information in batches



No.	Account	Role	Customer Name	Telephone	Contact Person	Email
1	20200527	Distributor	20200527			
2	20200601	Distributor	20200601			
3	c1111	Distributor	c22222	11111111		
4	chenmickey@gmail.com	Distributor	chenmickey@gmail.com			
5	cmq2003253	Distributor	cmq2003253			
6	cmq2004271	Distributor	cmq2004271			
7	cmq2004291	Distributor	cmq2004291			
8	cmq2004292	Enterprise User	cmq2004292			
9	cmq2004301	End User	cmq2004301			
10	dengjie123456	Distributor	dengjie123456			

4.5.7 Virtual Account

Virtual account allows user to manage tracking devices among team members with an identical account. These virtual accounts are reference to the same account with different access rights as following:

Modify Data - able to add, edit and save data.

Send Commands - able to send command to device.

View report - able to see Report page.

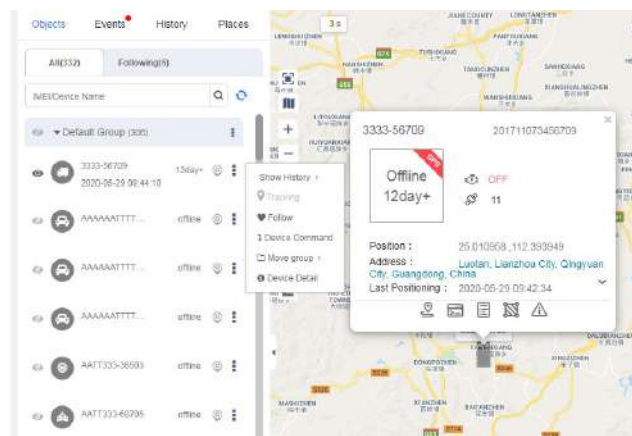
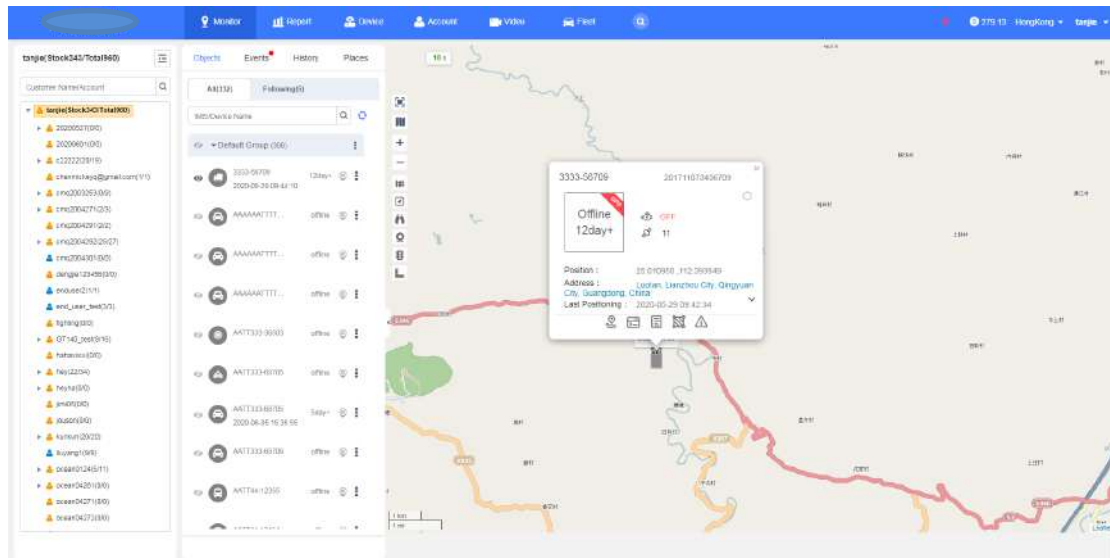
No.	Account	Role	Customer Name	Telephone	Contact Person	Quantity	Actions
1	20200027	Distributor	20200027			1	[Icons]
2	20200601	Distributor	20200601			0	[Icons]
3	€1111	Distributor	€2222	11111111		20	[Icons]
4	chenmicheyo@gmail.com	Distributor	chenmicheyo@gmail.com			1	[Icons]
5	cmq2003203	Distributor	cmq2003203			0	[Icons]
6	cmq2004271	Distributor	cmq2004271			2	[Icons]
7	cmq2004291	Distributor	cmq2004291			2	[Icons]
8	cmq2004292	Enterprise User	cmq2004292			20	[Icons]
9	cmq2004301	End User	cmq2004301			0	[Icons]
10	øengje123456	Distributor	øengje123456			0	[Icons]

No.	Virtual Account	Create Time	Actions
1	cmq2004271	2019-04-27 16:48:13	Edit Delete
2	tekyty	2019-05-14 16:15:13	Edit Delete
3	cmq2005221	2019-05-22 16:36:32	Edit Delete
4	tekyty		Edit Delete
5	tekyty		Edit Delete
6	tekyty		Edit Delete

4.6 Monitor

Monitor help user to locate devices quickly and view the status, position on the Map. User can select one or several devices to show target on the Map at the same time, and chose a device to tracking or playback tracks in a new browser window.

Platform provide various fast way to locate devices, find the devices from the account tree on the left, or directly input the IMEI on the keyword field. In addition, tracking devices can be organized by group or followed as favorite.



Account Tree

The account tree in *Monitor* page is same as other page, user can search account fast by provide a searching keyword.

Device List

The middle section is the device list, which is divided into two groups, *All* and *Following*. *All* shows all devices of account selected on the left account tree. *Following* lists devices of current user followed.

There are 5 status for tracking device:

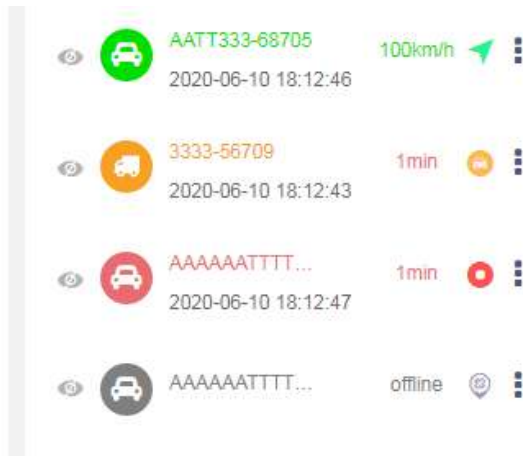
Moving - device is in moving state, display in Green color.

Stop - device is not running and speed is 0 or ACC is off but still have heart beat data packet uploaded to server, shows in Red color.

Idling- device is not running and ACC is on, still have heart beat data packet upload to server, show in Yellow color

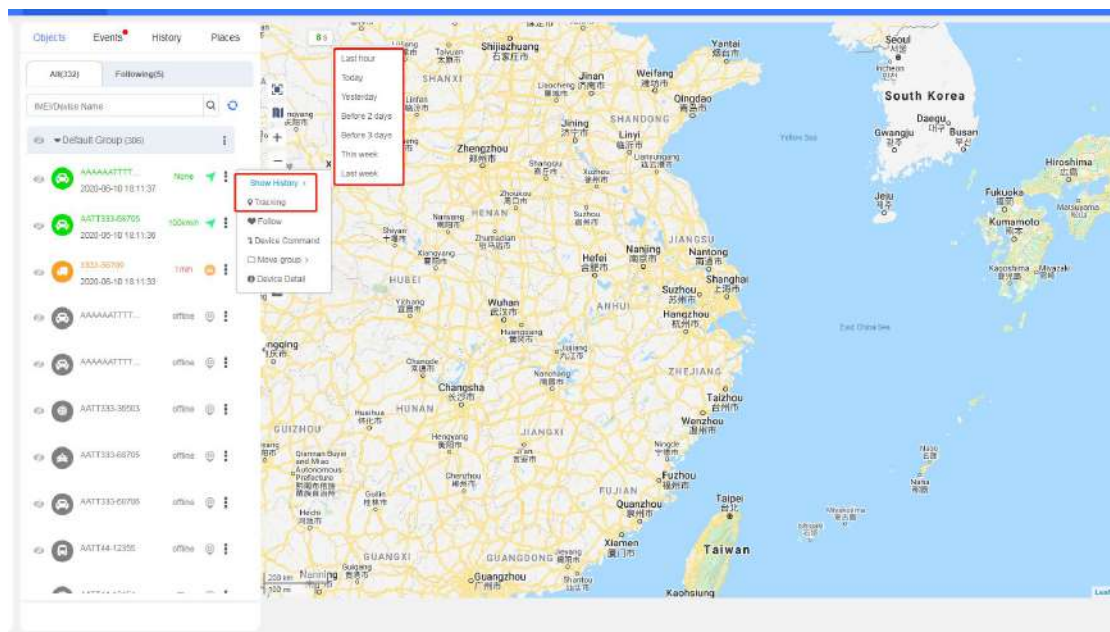
Offline - no heart beat data packet uploaded to server, displays in Gray color.

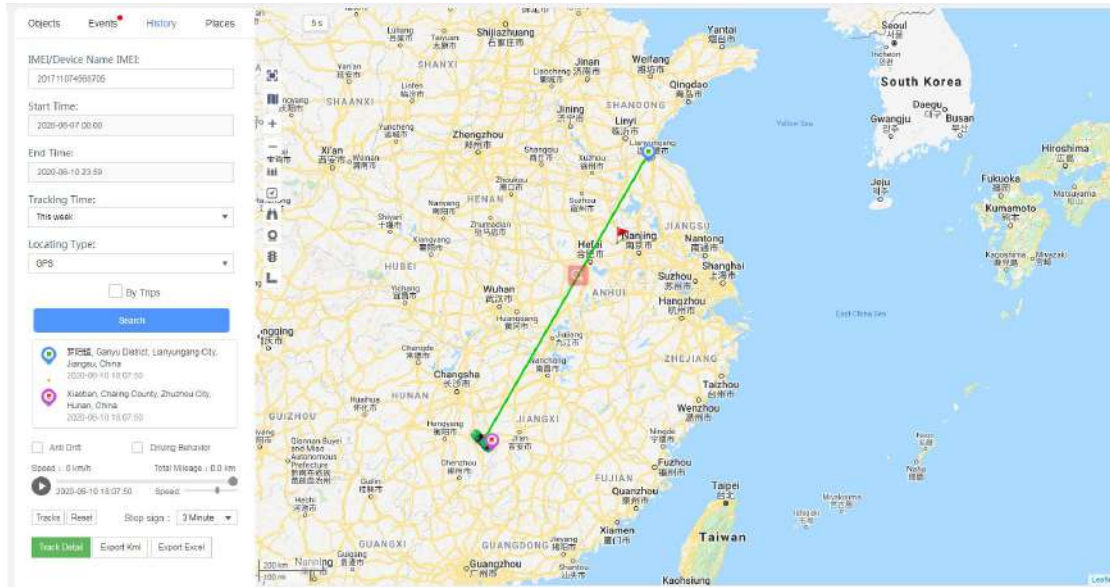
Inactive - not active, not ever upload GPS data packet to server, displays in Gray color.



Show history & Tracking

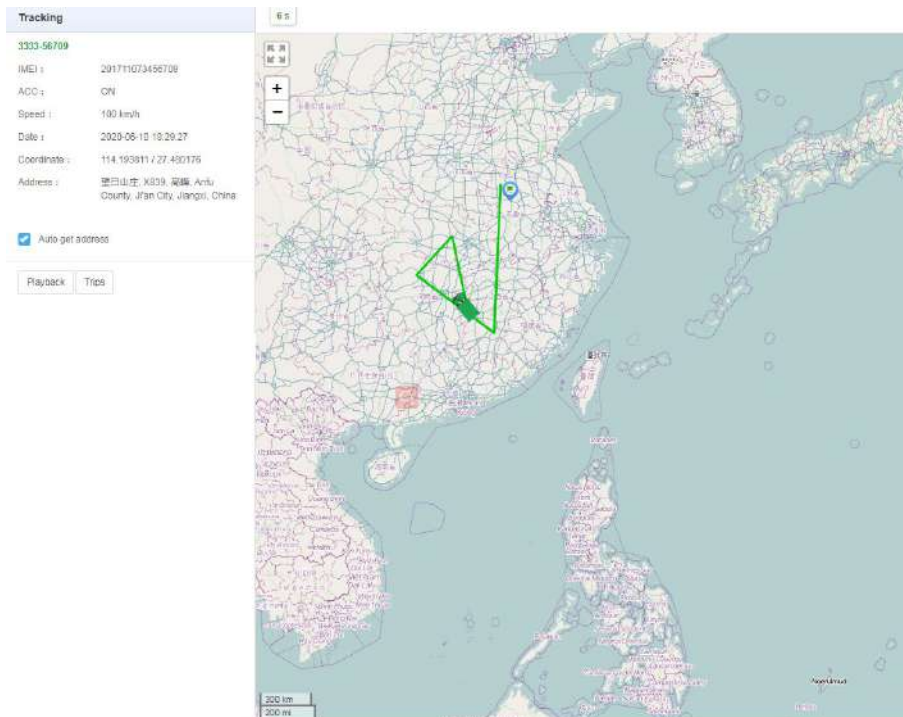
A tracking device might have several trips within a period of time. Each trip can be playback on the Map. Playback is an operation to show current trip of tracking device with an animation from start point to end point according to the tracks. The coordinates of track can also be exported as KML. Both trips and playback support to search by time.





Tracking

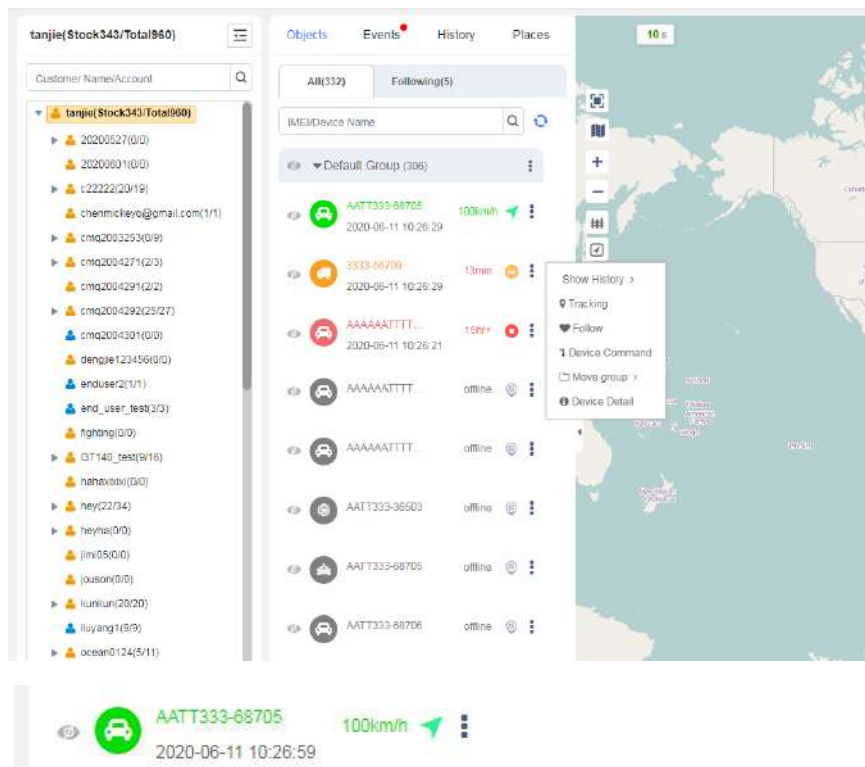
Tracking is used to monitor moving device real-time on the Map. System shows the tracks of start point to current point which device passed by.



4.6.1 Objects

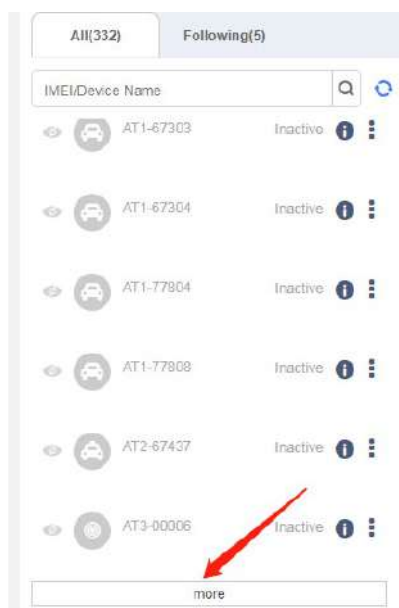
Device list in *Monitor* page shows the devices of selected account on the left account tree(not include devices from sub-account). Devices are grouped and can be filtered by different status. User can check devices on the list to show it on the Map, each device support operation like

playback, tracking and so on, the icon color indicates the status of device, some additional information like battery might also be shown. If device is in moving state, speed will also be displayed, if status is static or offline, the time length will be shown.



More Records

System retrieves 200 devices initially, user can get other devices by clicking more button. Devices in *Online/Offline* tab are calculated base on the results of devices in *All* tab, if some devices are miss, you can click more button to loaded it.



IMEI Searching

Provide an IMEI(full length of IMEI or last 6 digital) and click search button, system shows the

matching result in drop-down list.



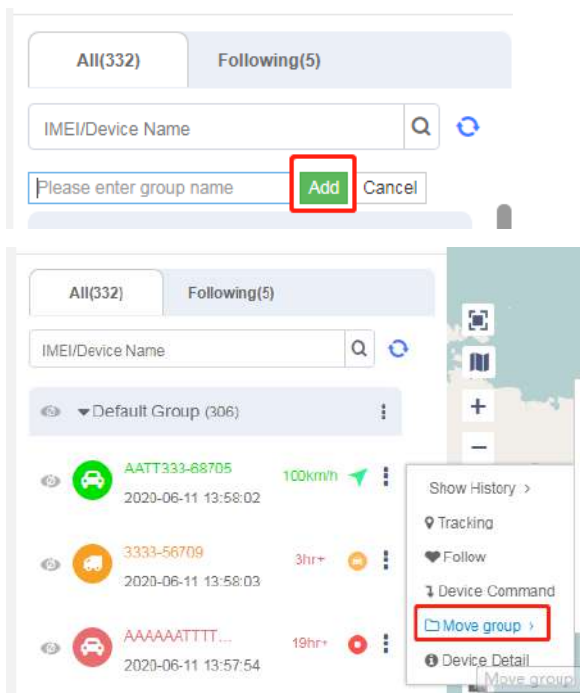
Sorting Devices

Sorting devices by different field.



Create/Move/Edit/Delete Group

Add group for devices, the group name will also be displayed in devices list of *Device* page. Move group by clicking the menu item of each device in the list and select a target group.

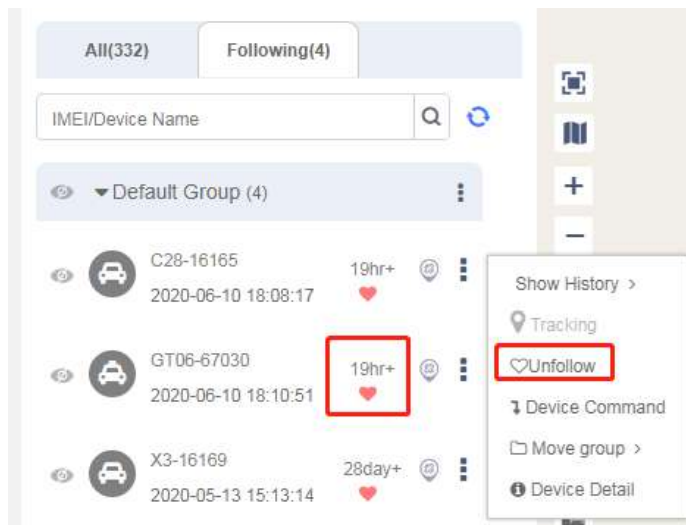


Edit and delete group.



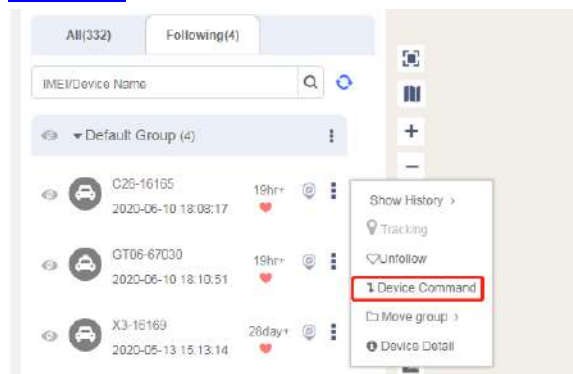
Follow/Unfollow Device

A followed device shows a heart icon on the list, unflow it the icon disappears.



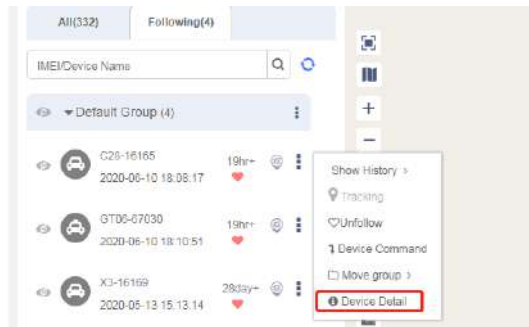
Device Command

A pop up menu item to send command individuality like *Command* in *Device* page. Refer to [Send Command](#) for more details.



Device Detail

Pop up a window to show device detail like *Edit* device in *Device* page. See [Edit](#) for more details.



4.6.2 Events

Record all alerts pushed to the platform under the current account.

The screenshot shows a web application interface for event management. The top navigation bar includes 'tanjie(Stock343/Total960)', 'Objects', 'Events' (highlighted in red), 'History', and 'Places'. A search bar for 'Customer Name/Account' is present. The left sidebar shows a list of accounts, with 'tanjie(Stock343/Total960)' selected and highlighted in red. The main content area displays a table of events for the selected account.

Object	Event	Time	Details
C28-16165	Engine Off	2020-06-10 18:11:21	AAAAAATT TT1-56713
GT06-67030	Engine Off	2020-06-10 18:09:21	
C28-16165	Long time not enter the Geofence(vv)	2020-06-10 11:55:53	
C28-16165	Overspeed alert(platform)	2020-06-10 11:53:56	
C28-67000	Overspeed alert(platform)	2020-06-09 18:39:25	
C28-16165	Idling alert	2020-06-09 18:34:43	
C28-67000	Overspeed alert(platform)	2020-06-09 17:12:14	
3333-56709	Long time not exit the Geofence(xixihahie)	2020-06-09 15:27:08	
GT06-67030	Offline alert	2020-06-09 10:07:11	
GT06-67030	Idling alert	2020-06-09 10:07:10	

Filter alerts by searching for the different device model

The screenshot shows a web application interface with a search bar at the top. The search bar contains the text 'C28-16165'. Below the search bar, there is a list of alerts. The first few rows of the list are highlighted in red. The table below shows the data for these alerts.

Object	Event	Time
C28-16165	Long time not enter the Geofence(vv)	2020-06-10 11:55:53
C28-16165	Overspeed alert(platform)	2020-06-10 11:53:56
C28-16165	Idling alert	2020-06-09 18:34:43
C28-16165	Overspeed alert(platform)	2020-06-08 11:30:20
C28-16165	Overspeed alert(platform)	2020-06-08 10:07:30
C28-16165	Idling alert	2020-06-06 16:11:08
C28-16165	Offline alert	2020-06-05 16:11:08
C28-16165	Overspeed alert(platform)	2020-06-04 14:43:37
C28-16165	Offline alert	2020-06-04 11:30:07
C28-16165	Idling alert	2020-06-04 11:30:05
C28-16165	Overspeed alert(platform)	2020-06-03 09:29:24

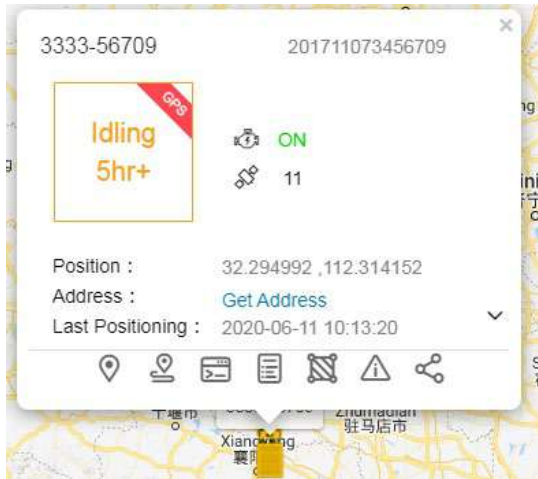
Alert push settings pls refer to [Mail Push Settings](#)

The screenshot shows a web application interface with a map view. The map displays several locations. A popover menu is open over one of the locations, showing options like 'Mark as unread' and 'Remark'. The table below shows the data for these alerts.

Object	Event	Time
AAAAAATT TT1-56713	Engine Off	2020-06-10 18:11:21
GT06-67030	Engine Off	2020-06-10 18:09:21
C28-16165	Long time not enter the Geofence(vv)	2020-06-10 11:55:53
C28-16165	Overspeed alert(platform)	2020-06-10 11:53:56
C28-67000	Overspeed alert(platform)	2020-06-09 18:38:25
C28-16165	Idling alert	2020-06-09 18:34:43
C28-67000	Overspeed alert(platform)	2020-06-09 17:12:14
3333-56709	Long time not exit the Geo-	2020-06-09 16:17:10

4.6.3 Map

Map Popover



Map popover shows some critical information for devices or target.

Field	Description
IMEI	Unique number of tracking device.
Device Name	Device name of tracking device.
Telephone	Driver's phone number.
External Voltage	Voltage of target like a Motorcycle.
Battery	Battery of tracking device.
Door	Door status which detected by tracking device.
Fuel	Fuel information for the target like a car.
ACC	Engine status of target
Speed	Speed of tracking device.
Location Time	The time of last uploaded GPS data packet.
Last Update	The time of last uploaded Heartbeat data packet.

Share Location

Share
×

Effective Time : Hours

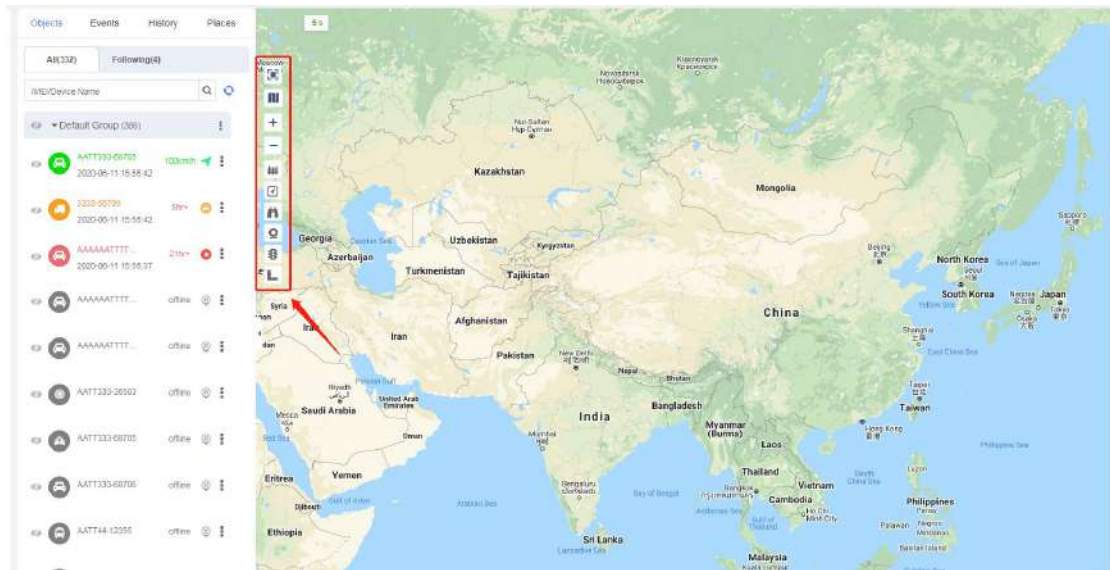
I have read and agree [《Agreement and privacy policy》](#)




Confirm

Share ✕

Share Links

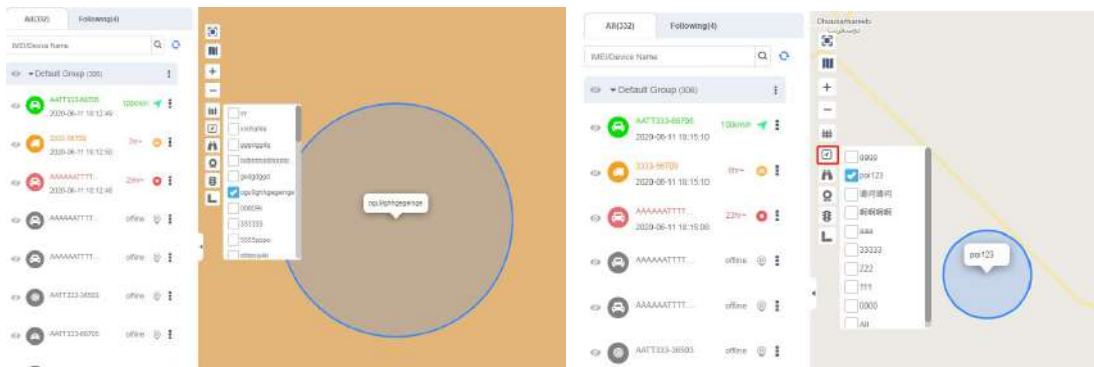
```
hk.tracksolidpro.com:88/api/share?
ver=2&method=trackDevice_abr&deviceinfo=7ae7c62385f2067f7be72b4d1b
b22b1a99a993bca8ee2b91dc8f2183ca08dbb219331abf1c6b6c92168d30a6df
8a8348977a589a847eb95d08e0460c5edd13ad87e16dca9702ce6
```



-  : Enlarge the map to full screen
-  : Choose different map
-  : Enlarge and narrow the map

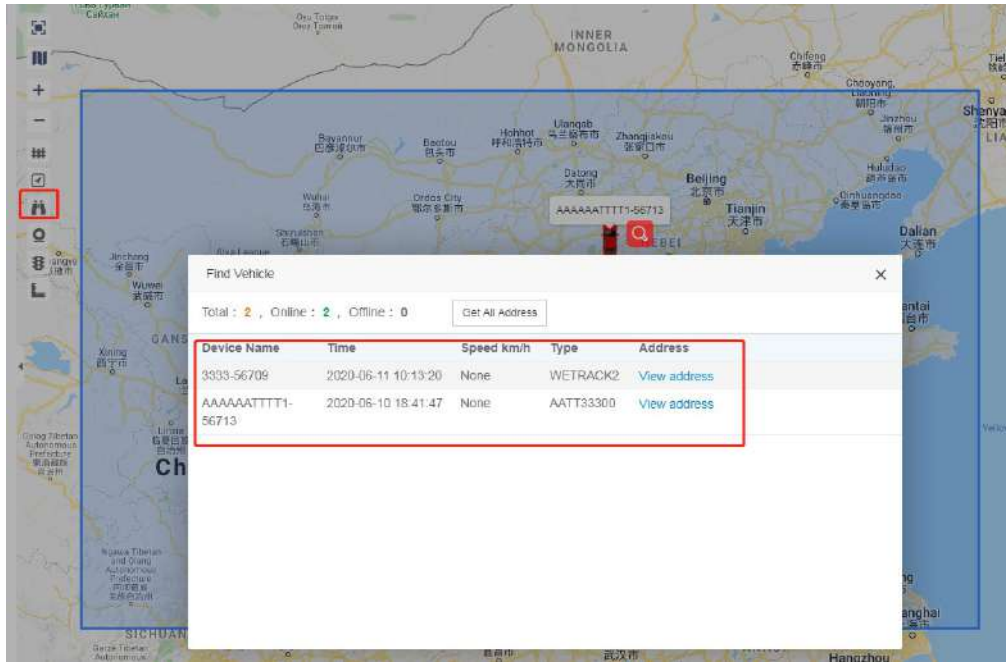
Show Geo Fence/POI

Check Geo Fence/POI to show the Corresponding area marked in Geo Fence page.



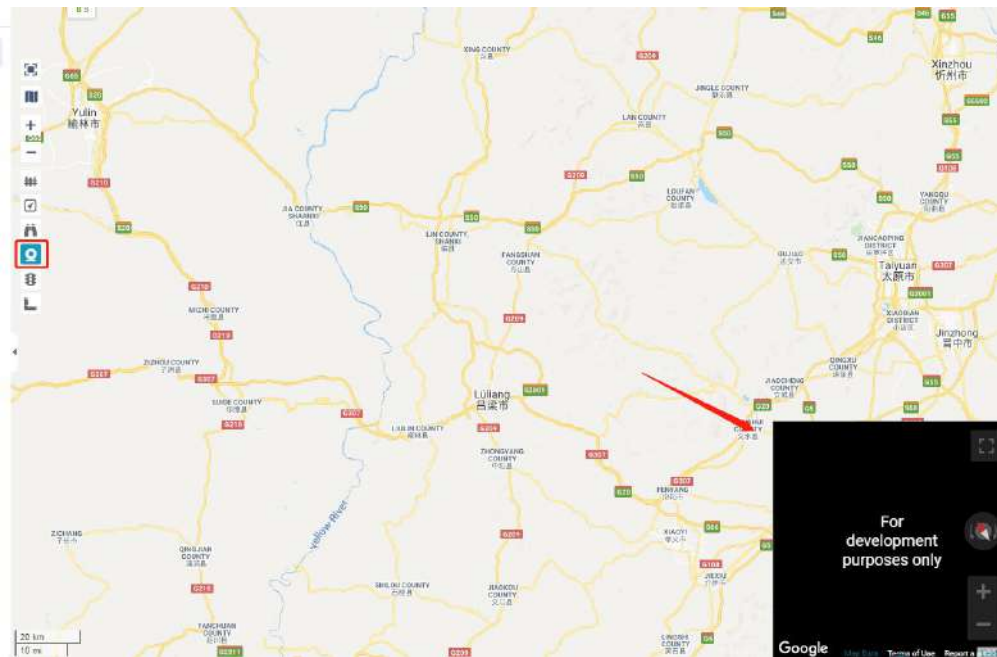
Find Vehicle

Draw an area to find vehicles.

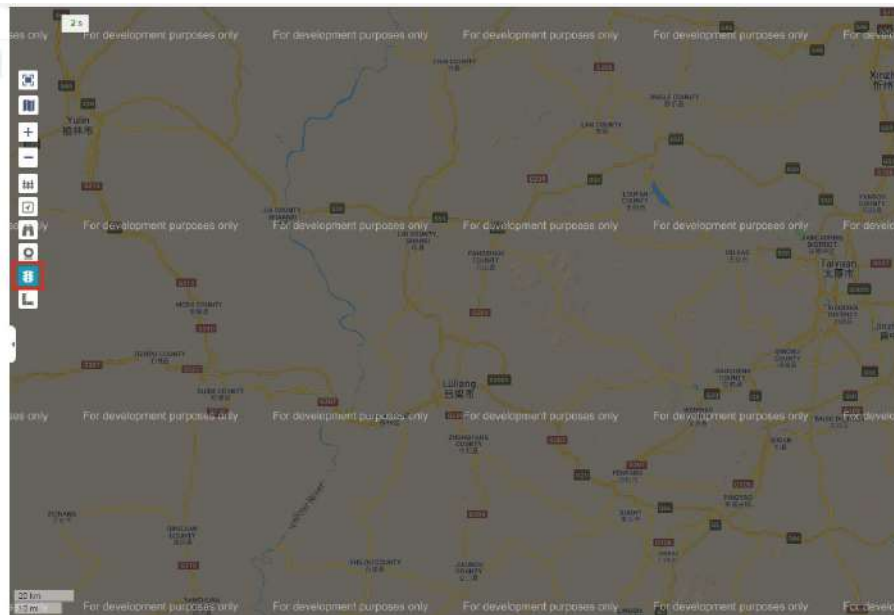


Google Street

Click icon to view Google Street.

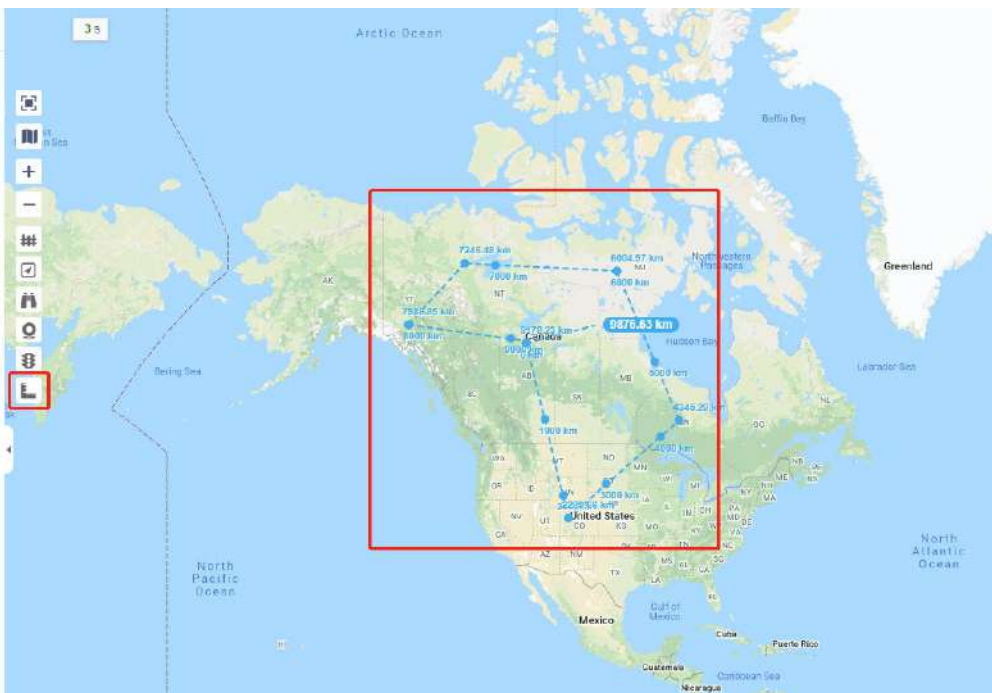


Live traffic



Ruler

Click Ruler to measure distance between two points on the map.

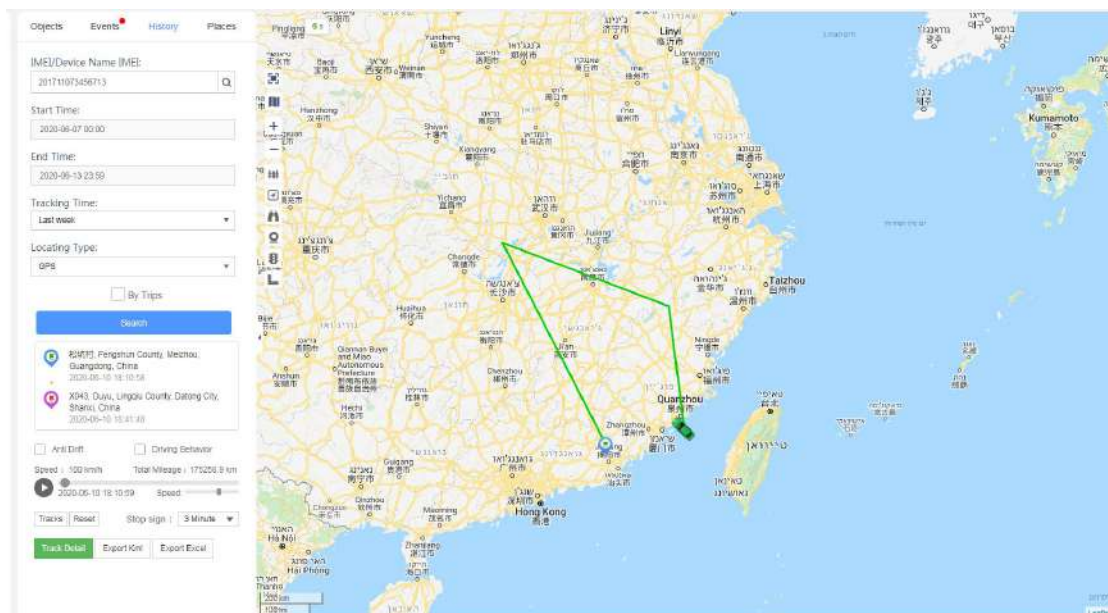


Refresh Interval



4.6.4 History

User is able to playback tracks of tracking device for a specified time range(maximum 7 days). Generally, system show the playback by tracks, however, for some model of device, it can be switch to dot. playback speed is adjustable, *Track Detail* shows the detail information of all coordinate on a bottom datagrid, and can be exported by Excel. A KML format file is also available for download.



The screenshot shows a tracking application interface. On the left, there are search filters for IMEI/Device Name, Start Time, End Time, Tracking Time, and Locating Type. A map in the center displays several green tracks connecting various locations in East Asia. Below the map is a 'Track Detail' table with the following data:

No.	Time	Coordinate	Speed	Direction	Locating Type	Validity	Satellite	Position
1	2020-06-10 18:10:58	110.271901024.042170	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
2	2020-06-10 18:10:59	112.939524029.847106	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
3	2020-06-10 18:10:59	118.300402028.047303	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
4	2020-06-10 18:10:59	118.81590204.497229	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
5	2020-06-10 18:11:00	111.213752036.085344	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
6	2020-06-10 18:11:18	110.313026026.738879	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address

Playback Searching

The time length of tracks for playback can not large than 7 days under last 6 months, user select locating type and time range to find the tracks going to play. There are 3 Locating Type: GPS, LBS, WIFI, all of them will be retrieved by default. *Tracking Time* is a shortcut to select time range, if time range large than 7 days, *Search* button will be disabled. The matching tracks show as address of start point and end point below the *Search* button.

Search IMEI support user to change to another tracking device by input a IMEI.

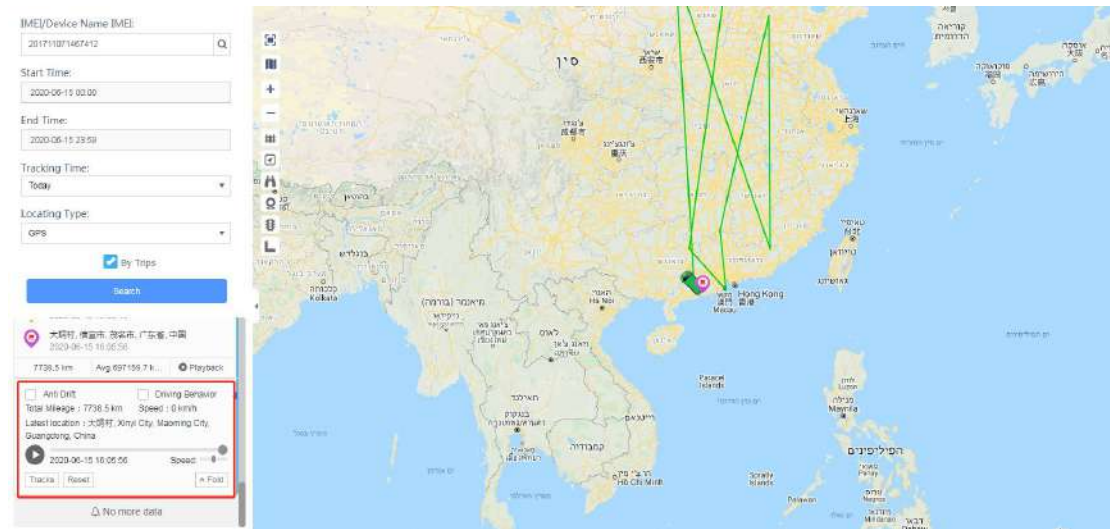
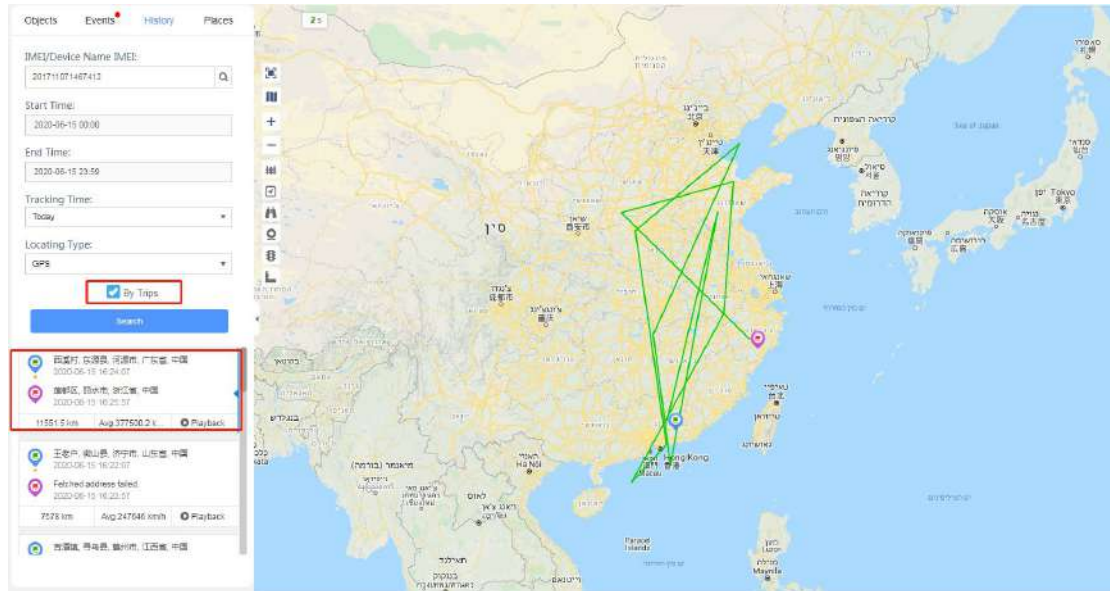
Collapse/Expand button is for display/hide the searching criteria. User also can search it by trips.

This screenshot shows the search interface with filters for IMEI, Start Time, End Time, Tracking Time, and Locating Type. A red box highlights the IMEI input field. Below the filters, there are two search buttons and a list of results. The results list shows two locations:

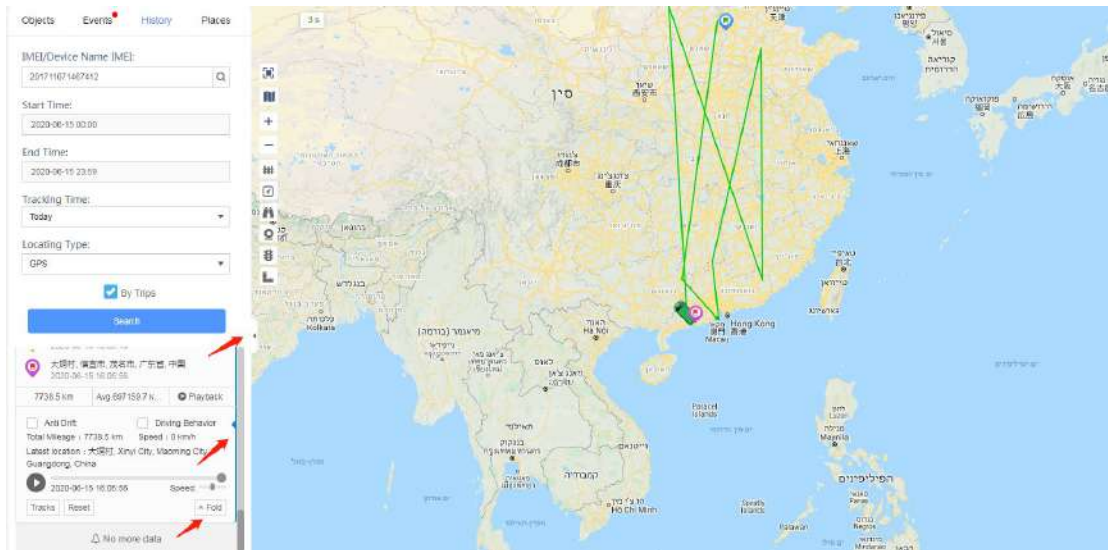
- 松坑村, Fengshun County, Meizhou, Guangdong, China (2020-06-10 18:10:58)
- X043, Duyu, Lingqiu County, Datong City, Shanxi, China (2020-06-10 18:41:48)

Trips

Each tracking device might have several trips in a specific time range, for example, the figure below shows trips from **2018-04-01 00:00 to 2018-04-24 15:16** for device **TR06-41965**, the first trip are selected and tracks are shown on the map. Besides showing the address of start point and end point, each trip also shows total mileage and average speed as well as a *Playback* button. Click *Playback* button to playback the tracks of this trip. Trips can be searched in 30 days of last 6 months, if time range large than 30 days, the *Search* button will be disabled.



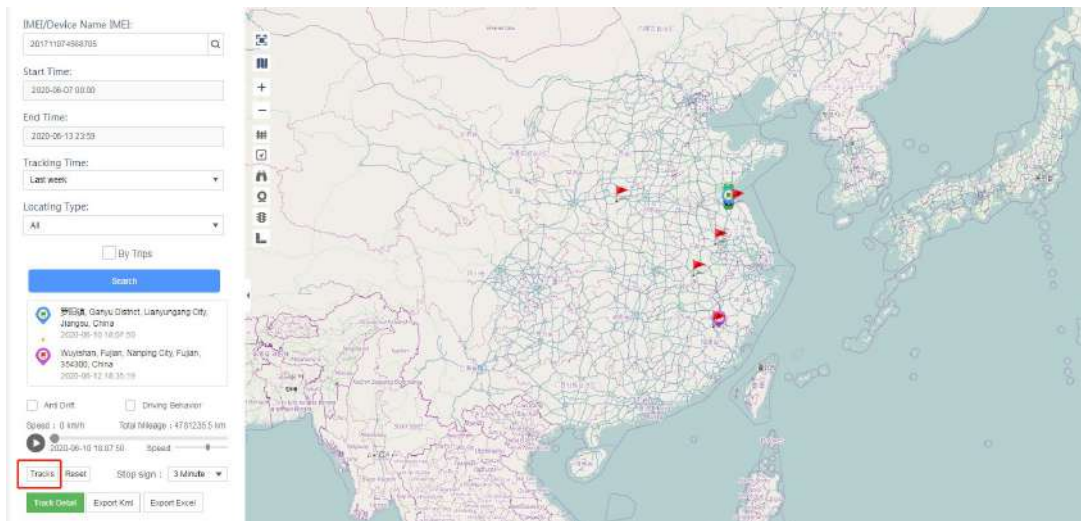
To expand the visible area, user could click fold/unfold on top or collapse/expand button on the right of panel.



View Tracks

Usually, tracks are display as line path on the map, a few mode of device support playback by dots, system displays an addition button *Play by dots*, click it change to dots playback, click again return to line tracks playback. *Tracks* button toggle showing tracks on the map.

Track Detail shows information for all matching coordinates, including fields like Locating Time, Coordinate, Speed, Direction, Locating Type, Satellite(Quantity), Position. Click *Get Address* to parse address base on the coordinate. Check *Get All Address* checkbox to parse all address on the datagrid.



Playback Search IMEI

GPS LBS WiFi Show crossed Geo-fence POI

Southwest 133m,VP Rendering,8 Sandhill Rise Point Cook VIC 3030 Australia
2018-04-24 00:06:31

Southwest 131m,VP Rendering,8 Sandhill Rise Point Cook VIC 3030 Australia
2018-04-24 07:57:00

Total Mileage : 0.7 km
Speed: 1km/h

2018-04-24 02:31:35 Speed:

Tracks Clear Stop sign: 3 Minute

Play by tracks Track Detail Export Kml

Trips Export Excel

Track Detail Get All Address Export

No.	Time	Coordinate	Speed	Direction	Locating Type	Validity	Satellite	Position
1	2020-06-10 18:07:50	119.10871034,749127	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
2	2020-06-10 18:07:50	113.80319208,818489	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
3	2020-06-11 10:13:56	115.20723524,253769	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
4	2020-06-11 10:13:56	119.23685531,704458	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
5	2020-06-11 10:13:57	116.34459422,442048	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address
6	2020-06-11 10:13:57	114.91923123,731576	100 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address

Export Excel/Export/Export KML

Export Excel and Export button in Track Detail are function to export all coordinates which matched the searching criteria to an Excel.

KML is a XML format contains coordinates, click Export Kml to download Kml format file.

By Trips

Search

流峪镇, Pingyi County, Linyi City, Shandong, China
2020-06-10 18:08:24

王庄, Zaoyang City, Xiangyang, Hubei, 441125, China
2020-06-11 10:13:21

Anti Drift Driving Behavior

Speed : 0 km/h Total Mileage : 167608.6 km

2020-06-10 18:20:08 Speed:

Tracks Reset Stop sign : 3 Minute

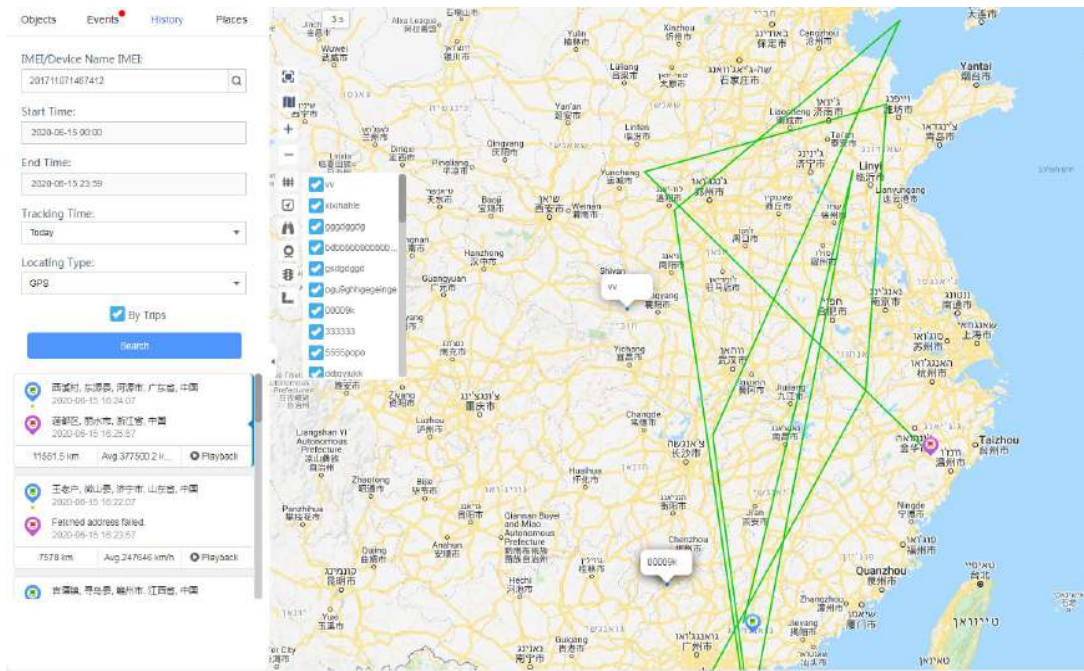
Track Detail Export Kml Export Excel

Track Detail									<input type="checkbox"/> Get All Address	<input type="button" value="Export"/>
No.	Time	Coordinate	Speed	Direction	Locating Type	Validity	Satellite	Position		
1	2020-06-10 18:08:24	117.568190/35.349587	0 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address		
2	2020-06-10 18:08:24	110.942153/22.277068	0 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address		
3	2020-06-10 18:08:28	119.906265/21.506319	0 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address		
4	2020-06-10 18:08:38	113.341258/33.534648	0 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address		
5	2020-06-10 18:08:48	119.161775/33.430527	0 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address		
6	2020-06-10 18:08:58	116.325293/33.006394	0 km/h	Northwest(Direction : 332)	GPS	Real time	11	Get Address		

No.	Time	Coordinate	Speed	Direction	Locating Type	Validity	Satellite	Position
1	2020-06-10 18:08:24	117.568190/35.349587	0 km/h	Northwest (Direction : GPS)	Real time	'11		为福通 Pingri County, Linyi City, Shandong, China
2	2020-06-10 18:08:24	110.942153/22.277068	0 km/h	Northwest (Direction : GPS)	Real time	'11		BaotouMaoming Expressway, 秀林村, Xuyi City, Maoming City, Guangdong, China
3	2020-06-10 18:08:28	119.906265/21.506319	0 km/h	Northwest (Direction : GPS)	Real time	'11		Fetch address failed
4	2020-06-10 18:08:38	113.341258/33.534648	0 km/h	Northwest (Direction : GPS)	Real time	'11		Yiliu, Ya County, Pingdingshan City, Henan, China
5	2020-06-10 18:08:48	119.161775/33.430527	0 km/h	Northwest (Direction : GPS)	Real time	'11		Sanbu, Huai'an District, Huai'an, Jiangsu, 223200, China
6	2020-06-10 18:08:58	116.325293/33.006394	0 km/h	Northwest (Direction : GPS)	Real time	'11		Kanban, Lixin County, Baotou City, Anhui, China
7	2020-06-10 18:09:08	113.871336/22.018149	0 km/h	Northwest (Direction : GPS)	Real time	'11		Chang, Zhuhai Wanshan Marine Development Experimental Zone, Xiangzhou District, Zhuhai City, Guangdong, China
8	2020-06-10 18:09:18	113.070219/34.860963	0 km/h	Northwest (Direction : GPS)	Real time	'11		永庄, Fujii District, Zhengzhou, Henan, China
9	2020-06-10 18:09:28	117.302762/34.501913	0 km/h	Northwest (Direction : GPS)	Real time	'11		Tongshan District, Suzhou City, Jiangsu, 221116, China
10	2020-06-10 18:09:38	115.881606/36.943342	0 km/h	Northwest (Direction : GPS)	Real time	'11		董家集, Xuyi County, Dezhou City, Shandong, 253200, China
11	2020-06-10 18:09:48	119.305420/21.302753	0 km/h	Northwest (Direction : GPS)	Real time	'11		TVI
12	2020-06-10 18:09:58	111.794318/24.728567	0 km/h	Northwest (Direction : GPS)	Real time	'11		Cenran, Lu County, Changde City, Hunan, China
13	2020-06-10 18:10:08	113.718420/26.105272	0 km/h	Northwest (Direction : GPS)	Real time	'11		Honglu City, Jingzhou, Hubei, 433200, China
14	2020-06-10 18:10:18	118.628193/38.869329	0 km/h	Northwest (Direction : GPS)	Real time	'11		Hebei, China
15	2020-06-10 18:10:28	116.542091/28.624550	0 km/h	Northwest (Direction : GPS)	Real time	'11		X709, 江湾, Yugen County, Shangqiu, Jiangxi, China
16	2020-06-10 18:10:38	110.193293/23.846502	0 km/h	Northwest (Direction : GPS)	Real time	'11		Beshuang, Shangqiu District, Shangluo City, Shaanxi, China
17	2020-06-10 18:10:48	114.778819/21.448242	0 km/h	Northwest (Direction : GPS)	Real time	'11		洪庄铺, Jiu County, Jiu City, Jiangxi, China
18	2020-06-10 18:10:58	118.345412/31.648005	0 km/h	Northwest (Direction : GPS)	Real time	'11		Fetch address failed
19	2020-06-10 18:11:08	113.842262/ 36.8610	0 km/h	Northwest (Direction : GPS)	Real time	'11		You County, Zhaozhou City, Hunan, China
20	2020-06-10 18:11:18	118.628193/21.118022	0 km/h	Northwest (Direction : GPS)	Real time	'11		X001, 孙楼乡, Sha County, Huangshan City, Anhui, China
21	2020-06-10 18:11:28	116.164133/23.240482	0 km/h	Northwest (Direction : GPS)	Real time	'11		松山村, Jiuian County, Nanchang, Jiangxi, China
22	2020-06-10 18:11:38	114.016341/21.571418	0 km/h	Northwest (Direction : GPS)	Real time	'11		Dangan, Zhuhai Wanshan Marine Development Experimental Zone, Xiangzhou District, Zhuhai City, Guangdong, China

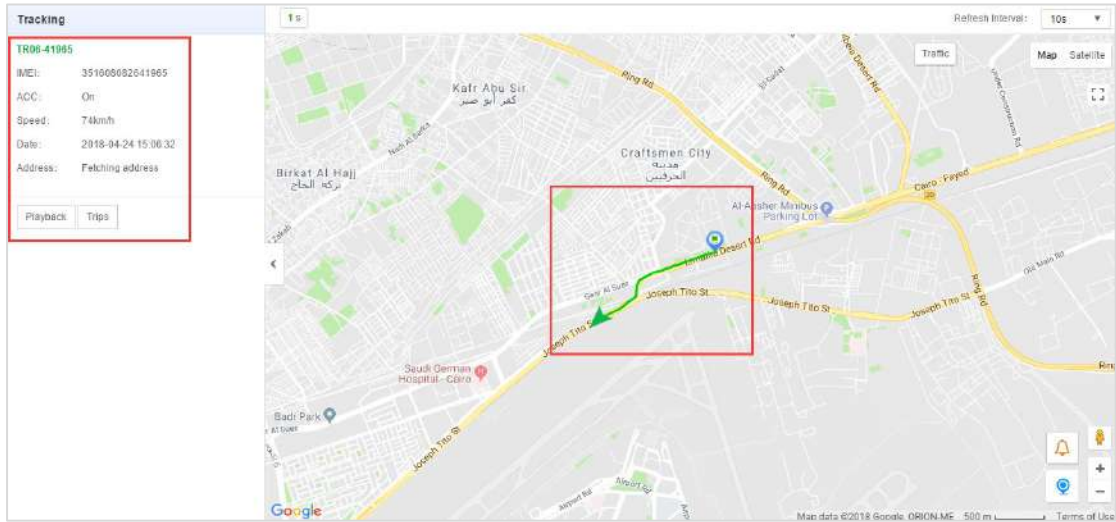
Show crossed Geo-fence/POI

Check corresponding checkbox to show Geo Fence or POI on the map.



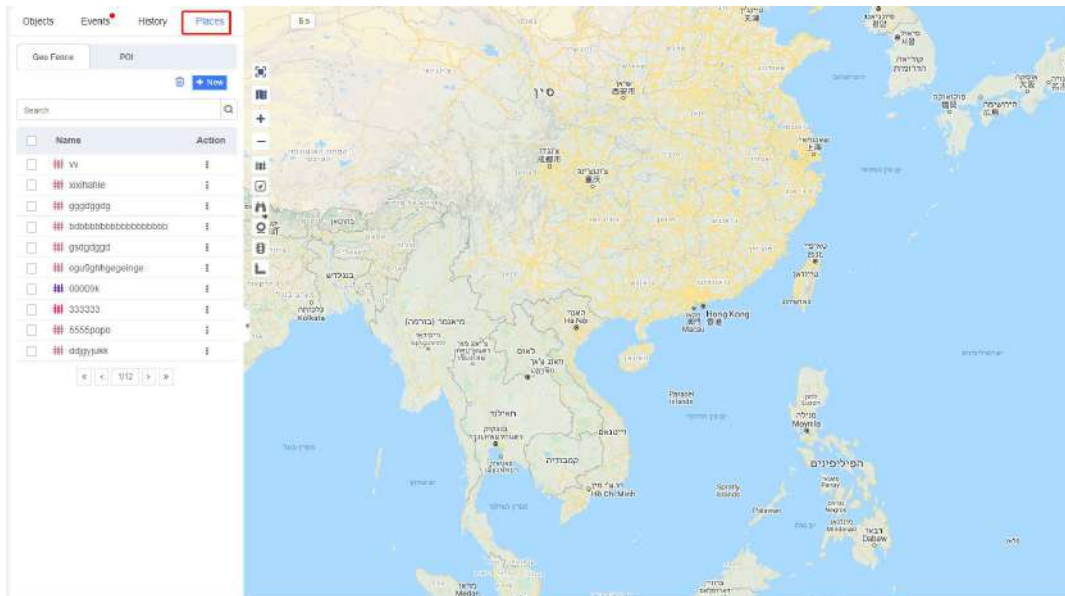
4.6.5 Tracking

Tracking is a function to monitor moving device. System shows device information real time, fields like IMEI, ACC, speed, locating time, address are shown on the left and display tracks on the map, they are updated by every 10 seconds in default.



4.6.6 Places

Places use to create Geo Fence and POI



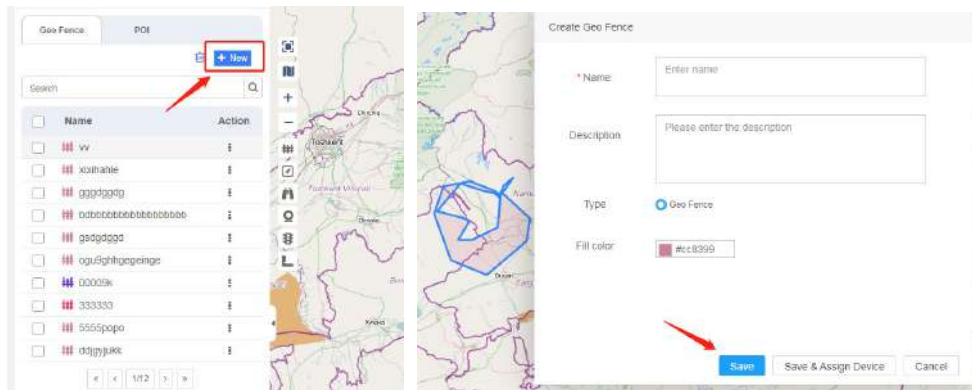
Geo Fence

To create Geo-fence, just click *New* button and draw a circular or polygon area on the map, after that, system pops up a window for user to specify Geo-fence name and description. User can choose to save Geo-fence and assign devices at the same time or later on.

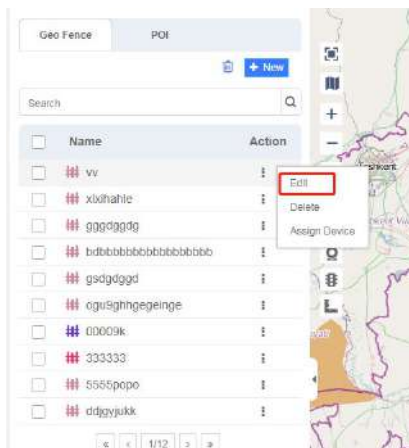
Geo Fence Alerts include following events:

- Enter Geo Fence
- Exit Geo Fence
- Long time not enter Geo-fence
- Long time not exit Geo-fence

Create Geo Fence

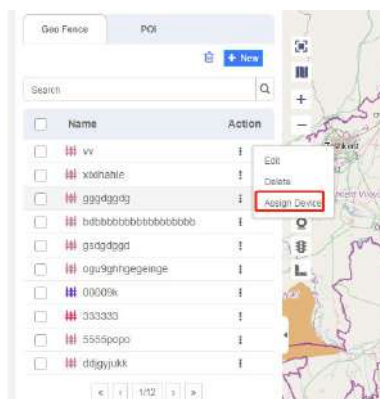


Edit Geo Fence



Assign Device

To assign devices, click *Save & Assign Device* while create Geo-fence, or click *Assign Device* in the Geo-fence list.



Assign Device X

Current Name of Device

- ▼ **tanjie**
 - ▶ 20200527
 - ▶ 20200601
 - ▶ c22222
 - ▶ chenmickeyq@gmail.com
 - ▶ cmq2003253
 - ▶ cmq2004271
 - ▶ cmq2004291
 - ▶ cmq2004292

Mobile Enter the Device Name of Area

- ▼ **Default Group(94)**
 - ☐ 3333-56709[201711073456709]
 - ☐ AAAAAATTTT1-56713[201711073456713]
 - ☐ AAAAAATTTT3333-16547[201711073216547]
 - ☐ AAAAAATTTT3333-47836[201711076547836]
 - ☐ AATT333-36503[201911091236503]
 - ☐ AATT333-68705[201811074568705]
 - ☐ AATT333-68705[201711074568705]
 - ☐ AATT333-68706[201711074568706]

Selected list(1) Clear

C28-16165 X

Report Alert When :

Enter Geo Fence Exit Geo Fence

1 Day(s) haven't entered the Geo Fence

1 Day(s) haven't left the Geo Fence

Alert by Mail

Save
Verify Email Address
Cancel

Assign Devices X

- ▶ ko iyaw line
- ▶ Laaga
- ▶ Jafamily
- ▶ Miety-X1
- ▶ Norman Test

- ☐ GT08E-94440[351608082594440]
- ☐ GT08e-0mda 95647[359857080677503]
- ☐ GT08N-23456[351608081123456]
- ☐ GT08N-88884[351608081688884]
- ☐ GT08-58877[35177700868877]

Selected list(1) Clear

HVT001-00050 X

Alert Events Setting:

Enter Geo Fence Exit Geo Fence

1 Day(s) haven't entered the Geo Fence

1 Day(s) haven't left the Geo Fence

Alert by Mail

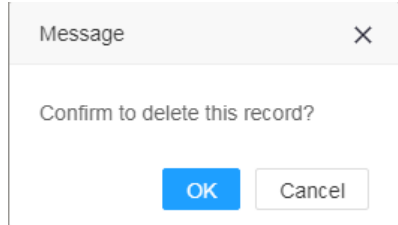
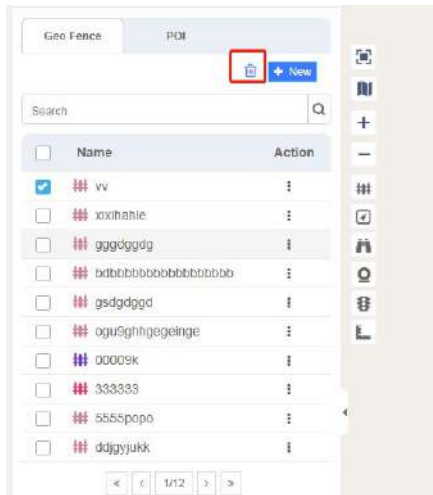
Email Address 1

Email Address 2

Email Address 3

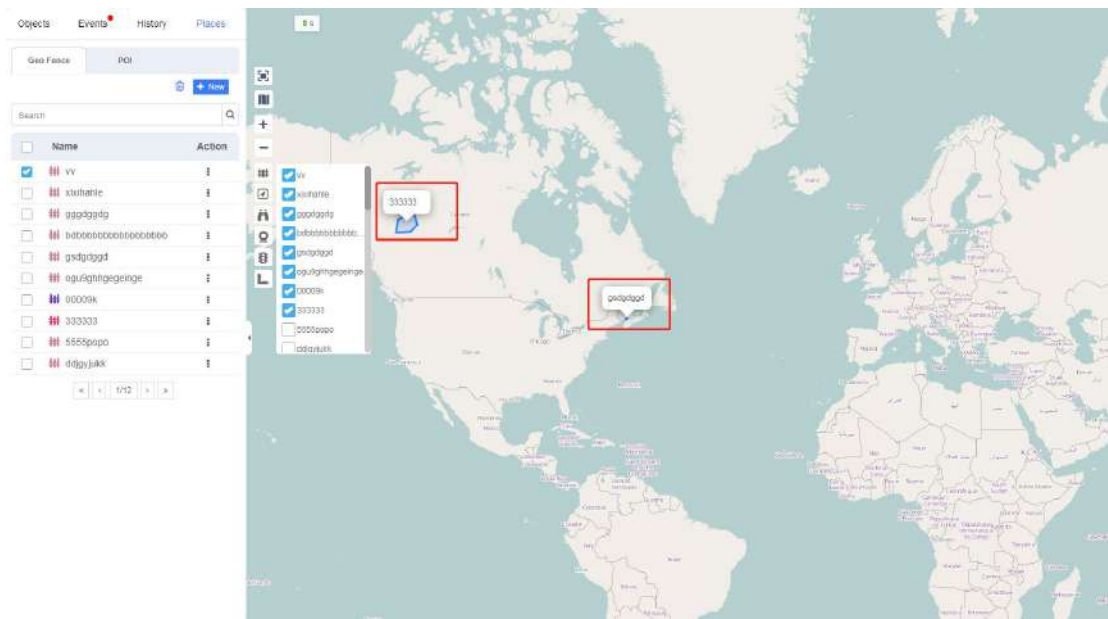
Save
Cancel

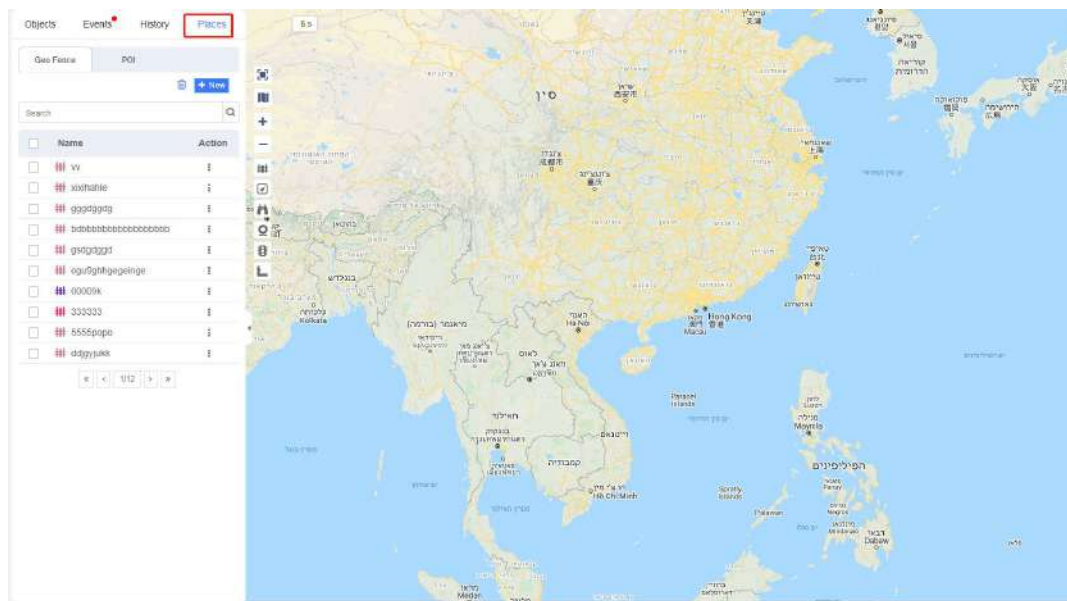
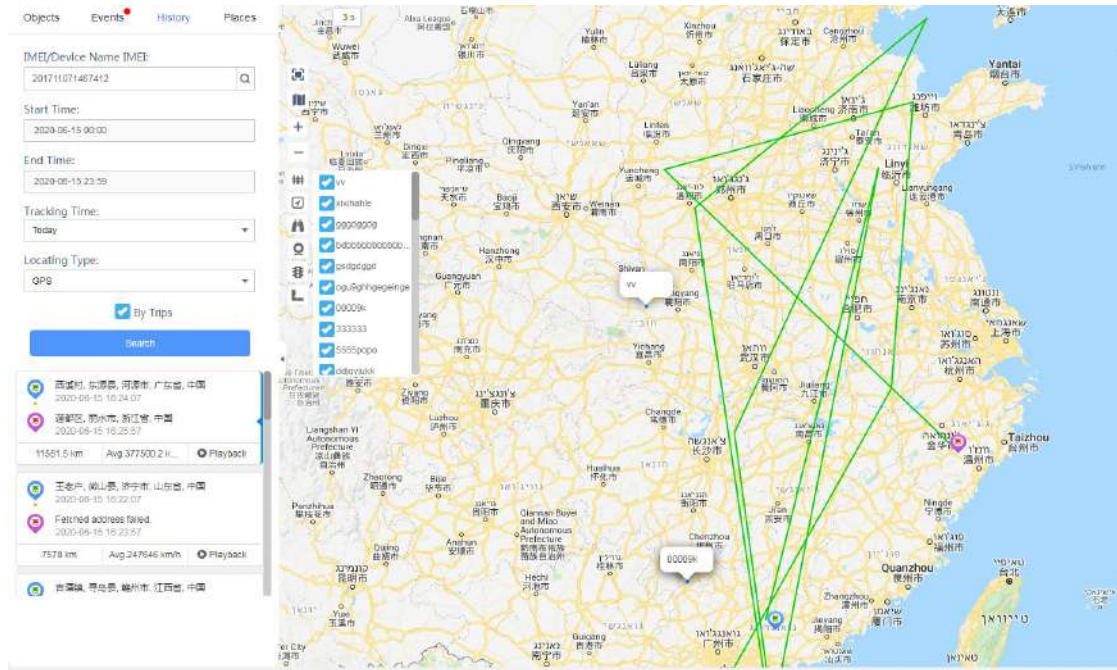
Delete Geo Fence



View Geo Fence

Besides for rising an alert, Geo-fence can be shown on the map in *Monitor* or *playback* page.



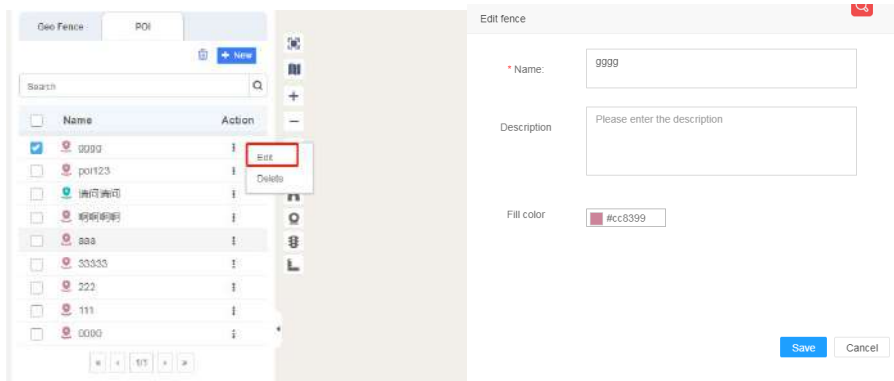


POI is an area marked by user with a specified name, it can be displayed on the map in *Monitor* or *playback* page.

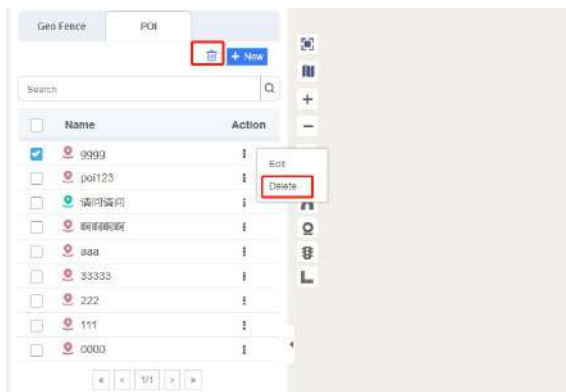
Create POI

Click *POI* tab in *Geo Fence* page, click *New* button to create POI. Creation of POI is quite same as create *Geo-fence*, user draw a circular or polygon shape on the map and give a name and description for POI.

Edit POI



Delete POI



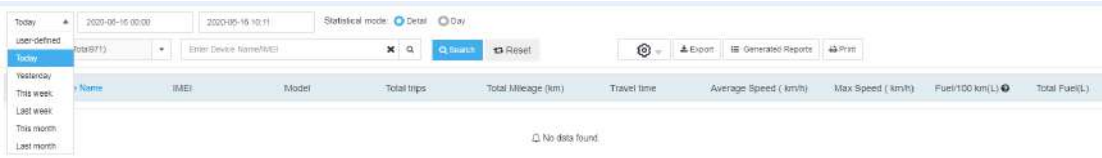
4.7 Report

Report includes Device Statistics , Motion Statistics, State Statistics, Alert Statistics, Logistics Statistics and Auto Report. Each Statistics contains several reports, Most of reports are support to Export Excel and Print.



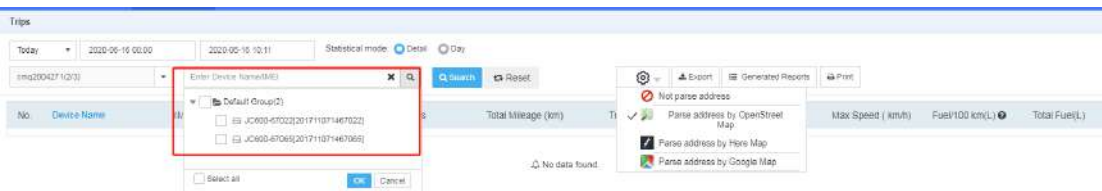
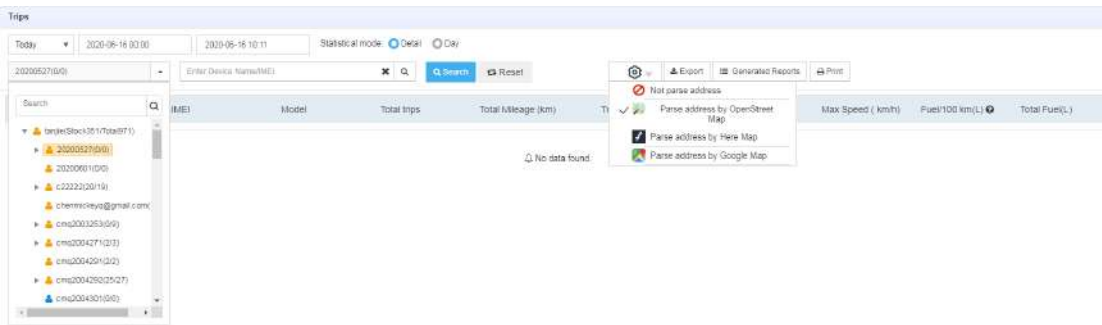
Most of reports need to provide searching criteria before searching, there are share some common operation, takes *Trips* report for example:

Time range default to today, from 00:00 till current time, the options of time drop-down list are shortcuts to select a time range.



An account tree also provided to select account, once account is selected, devices associated to this account will be listed on the IMEI drop-down.

Some report may contains coordinates, if you want to get address rather than coordinates in the download Excel, please check *Address* checkbox.



1. To select all IMEI, just check *Select all*, system also support Shift + mouse click to select multiple IMEI.

Devices will be order by alphabet order.

2. To search by known IMEI, firstly click *Reset* button to clear entered value , then paste the known IMEI and click *Search* button.

Device Statistics

Includes *Device Overview* Report, *Battery* Report, *Fuel Consumption* Report, *Temperature* Report, *Driving Behavior* Report, *Positioning & Battery* Report.

Motion Statistics

Includes *Moving Overview Report*, *Trips Report*, *Overspeed Report*, *Parking Report*, *Idling Report*, *Ignition Report*(ACC Report).

State Statistics

Includes *Offline Report* and *Online Report*.

Alert Statistics

Consists of *Alert Overview Report* and *Alert Details Report*.

Logistics Statistics

Includes *Logistics Statistics*

Auto Report

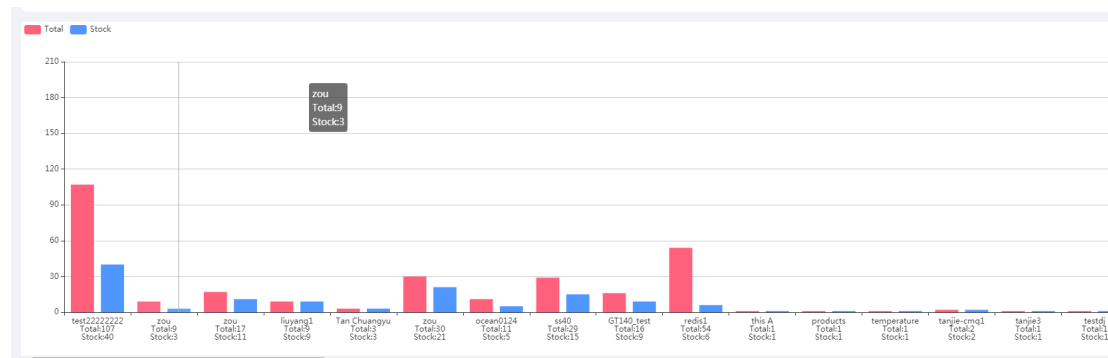
Includes *Auto Report* and *Auto Report History*

4.7.1 Device Overview

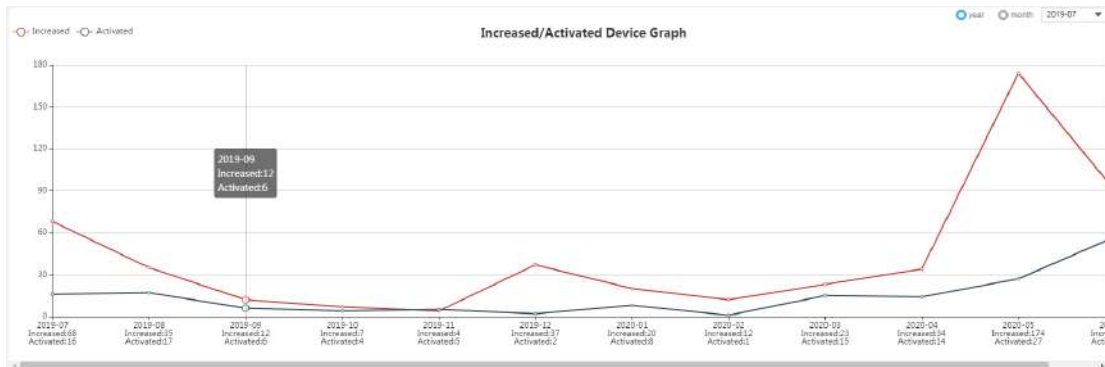
1. The first chart shows stock devices quantity, total device quantity, online/offline devices quantity, as well as activated devices quantity.



2. The second chart shows stock quantity and total quantity for all sub-accounts.

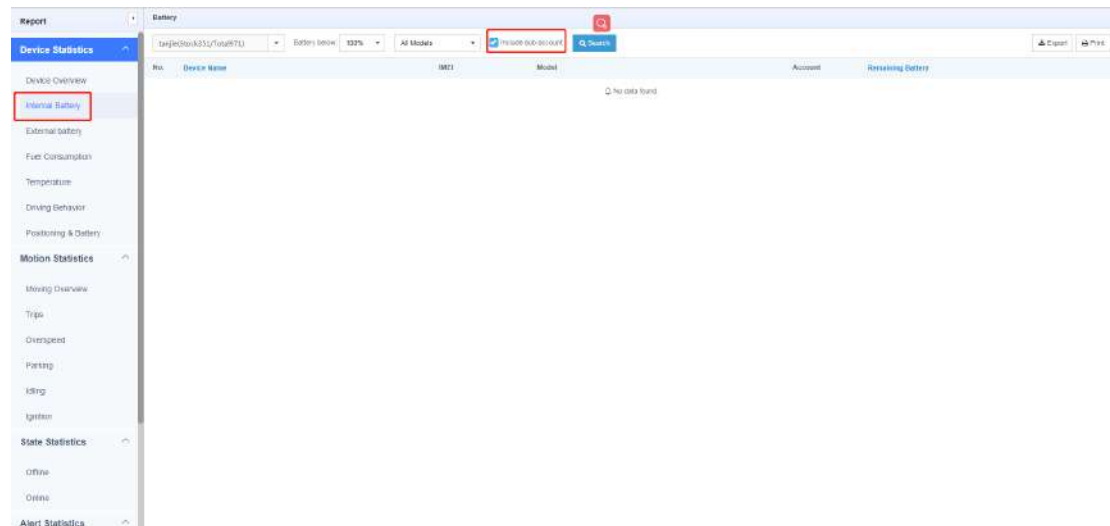


3. The third chart shows the trend of Increased/Activated devices for current login account.



4.7.2 Battery

This report shows device battery information. Include Currently some models support fetching battery electric in platform.



4.7.3 External Battery

This report shows external battery, it's for the vehicle and motor device. When the device has an external battery, the percentage of external electric quantity will be displayed

Report External battery

Device Statistics

Device Overview

Internal Battery

External battery

Fuel Consumption

Temperature

Driving Behavior

Positioning & Battery

Motion Statistics

Moving Overview

Trips

Over-speed

Parking

Idling

Ignition

State Statistics

Offline

Online

Alert Statistics

No.	Device Name	IMEI	Model	Account	External battery
1	3303-MP19	201711073456704	WETRACK2	tanje	3

4.7.4 Fuel Consumption

Only devices support fuel sensor and already configure fuel tank volume in *Device* page can be shown in this report. See [Set Fuel Tank Vol.](#)

Report Fuel Consumption

Device Statistics

Device Overview

Internal Battery

External battery

Fuel Consumption

Temperature

Driving Behavior

Positioning & Battery

Motion Statistics

Moving Overview

Trips

Over-speed

Parking

Idling

Ignition

State Statistics

Offline

Online

Alert Statistics

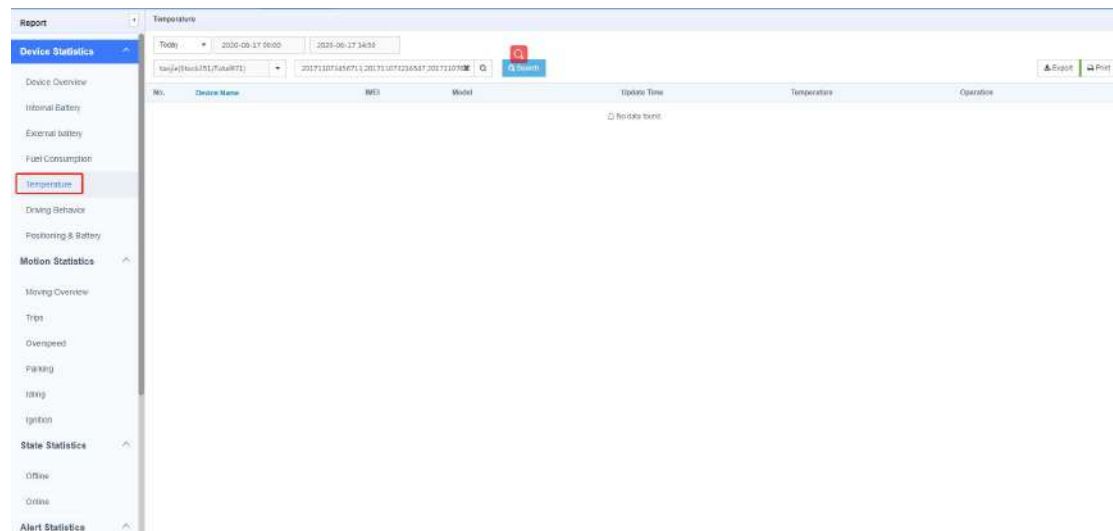
Last month 2020-05-01 00:00 2020-05-31 23:59

tanje@devic3317new071 201711073456704,201711073456713,201711073456726

No.	Device Name	Fuel Tank Stage	IMEI	Model	Update Time	Fuel Amount	Operator
No data found							

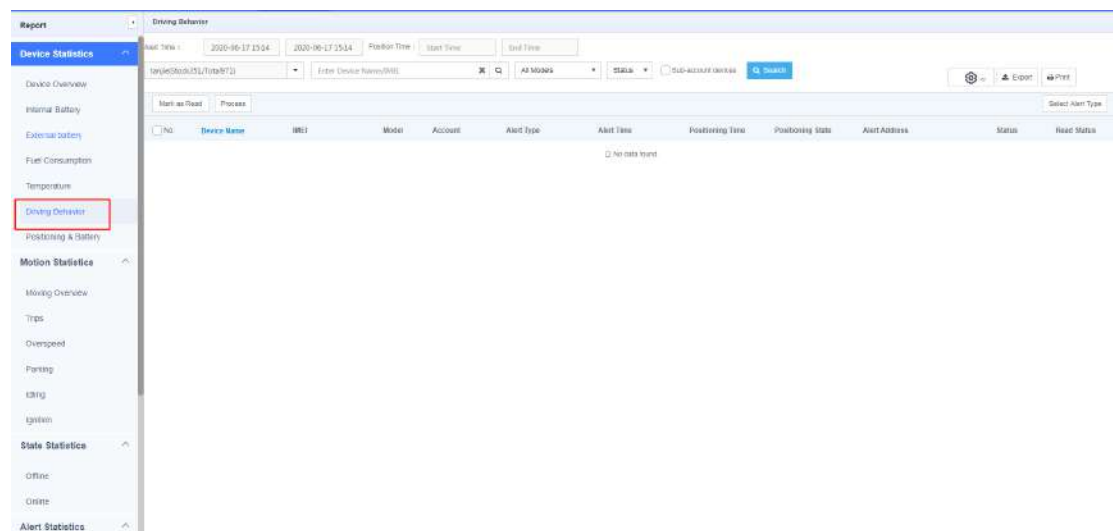
4.7.5 Temperature

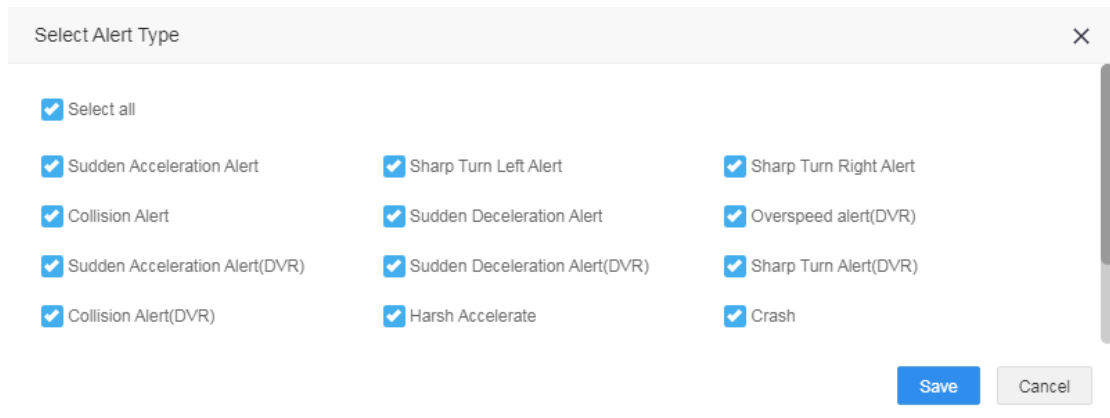
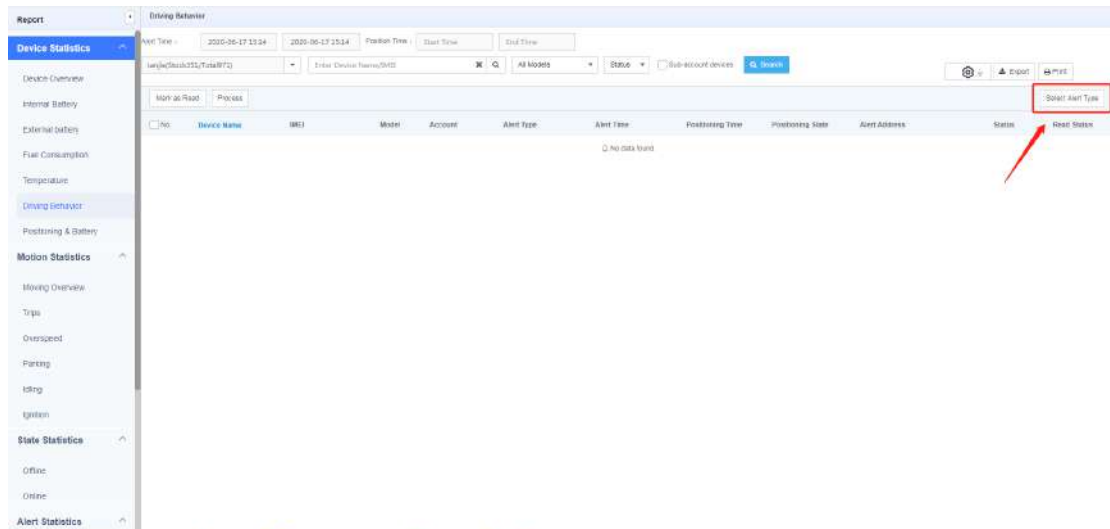
Only devices are connected to an external temperature and humidity sensor and the already configure information in device page can be shown in this report, see [Serial port \(TTL/RS232\)](#)



4.7.6 Driving Behavior

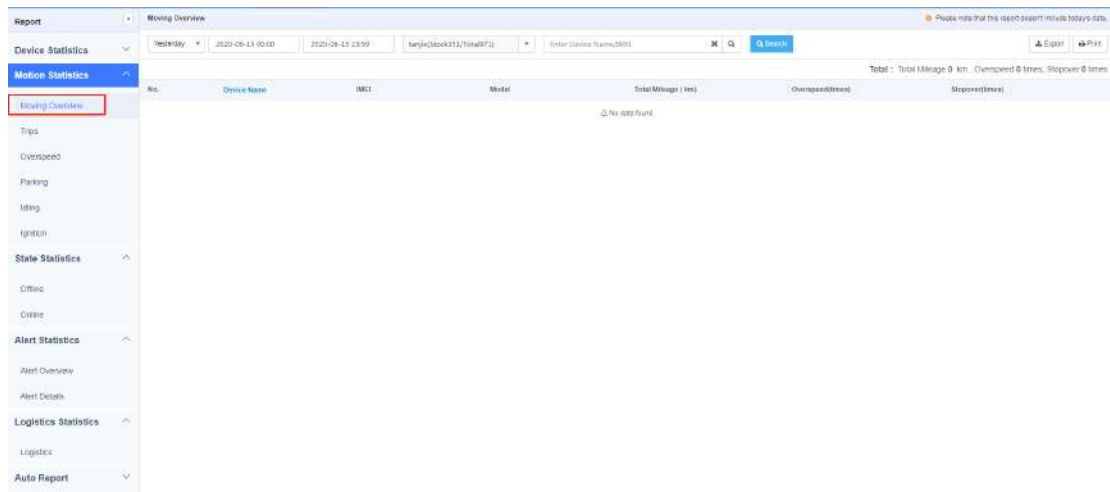
Driving behavior is a subset of *Alert Details* report, which only includes *Sudden Acceleration Alert*, *Sudden Deceleration Alert*, *Sharp Turn Right Alert* and *Sharp Turn Left Alert* and *Collision Alert*. Some device models support this feature.





4.7.7 Moving Overview

This report shows total mileage, overspeed times and stopover times for all the devices. Click total mileage link, system navigates to *Mileage* report for details. Note the result not include today's mileage.

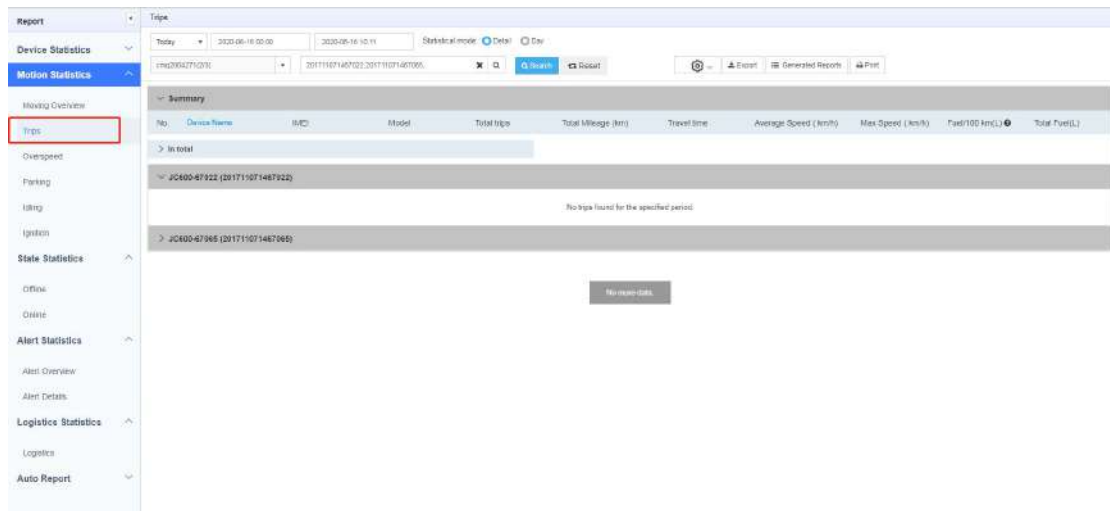


This report shows the detail mileage of devices with an explicit start time and end time, the *Total Fuel* is calculated base on total mileage, It also support to displays detail mileage day by day, however, records with none mileage will be ignored. The data of mileage is updated by every half hour.

$$\text{Total Fuel} = \text{Total Mileage} / 100 * \text{Fuel}/100\text{km}$$

4.7.8 Trips

Trips report shows the start time, end time, start point, end point and mileage, total fuel, avg. speed information for device for all matching trips.



This report shows the detail mileage of devices with an explicit start time and end time, the *Total Fuel* is calculated base on total mileage, It also support to displays detail mileage day by day, however, records with none mileage will be ignored. The data of mileage is updated by every half hour.

$$\text{Total Fuel} = \text{Total Mileage} / 100 * \text{Fuel}/100\text{km}$$

The screenshot shows the 'Trips' report interface. The left sidebar has 'Motion Statistics' expanded, with 'Trips' selected. The main area displays a summary table with columns: No., Device Name, IMEI, Model, Total trips, Total Mileage (km), Travel time, Average Speed (km/h), Max Speed (km/h), Fuel/100 km(L), and Total Fuel(L). Two device entries are shown, both with 'No trips found for the specified period'. A 'No more data' button is visible at the bottom.

4.7.9 Overspeed

Shows all overspeed records for selected devices.

The screenshot shows the 'Overspeed' report interface. The left sidebar has 'Motion Statistics' expanded, with 'Overspeed' selected. The main area displays a table with columns: No., Device Name, IMEI, Model, Speed (km/h), Start Time, End Time, Duration, Location Start, Location End, Coordinates, and Operator. The table is currently empty with a 'No data found' message.

4.7.10 Parking

Shows all parking records for selected devices.

Report: Parking

Device Statistics: Today 2020-06-18 00:00 2020-06-18 10:12

Motion Statistics: TargetStock512,Total9731 202711073466799,202711073466799,202711073466799 Q Search Reset

Total: Duration 20h 18m 44s

No.	Device Name	IMEI	Model	Status	Start Time	End Time	Address	Coordinate	Duration
1	3310-M758	291711073466799	WETRACK2	Parking	2020-06-18 14:02:12	2020-06-18 10:20:56	Patched address track	113.874366 / 21.249484	20:18:44

Navigation: 10 | 1 | 06

Left sidebar menu: Motion Overview, Trips, Overspeed, **Parking**, Idling, Ignition, State Statistics, Alert Statistics, Logistics Statistics, Auto Report.

4.7.11 Idling

Shows all idling records for selected devices.

Report: Idling

Device Statistics: Today 2020-06-18 00:00 2020-06-18 10:12

Motion Statistics: TargetStock512,Total9731 202711073466799,202711073466799,202711073466799 Q Search Reset

Total: Duration 20h 18m 44s

No.	Device Name	IMEI	Model	Status	Start Time	End Time	Address	Coordinate	Duration
1	3310-M758	291711073466799	WETRACK2	Engine ON	2020-06-18 14:02:12	2020-06-18 10:20:56	Patched address track	113.874366 / 21.249484	20:18:44

Navigation: 10 | 1 | 06

Left sidebar menu: Motion Overview, Trips, Overspeed, Parking, **Idling**, Ignition, State Statistics, Alert Statistics, Logistics Statistics, Auto Report.

4.7.12 Ignition

Shows ACC(Engine) status for selected tracking devices, the status is ON/OFF.

Report: Offline

Device Statistics: Today 2020-06-16 00:00 2020-06-16 23:59 Status: All

Motion Statistics: tanj@10000251/Total(77) 2020-06-16 00:00 2020-06-16 23:59 Q Search R Refresh Export Print

Motion Overview: Trips, Overspeed, Parking, Idling, **Ignition**

State Statistics: Offline, Online

Alert Statistics: Alert Overview, Alert Details

Logistics Statistics: Logistics

Auto Report

No.	Device Name	IMEI	Model	Status	Start Time	End Time	Total Time
No data found.							

Total: ON: 0 Times, OFF: 0 Times, Total Time: 0

4.7.13 Offline

Display all records for offline devices.

Report: Offline

Device Statistics: Offline Time: 2020-06-16 2020-06-16

Motion Statistics: tanj@10000251/Total(77) Sub-account Device Q Search Export Print

Motion Overview: Trips, Overspeed, Parking, Idling, Ignition

State Statistics: **Offline**, Online

Alert Statistics: Alert Overview, Alert Details

Logistics Statistics: Logistics

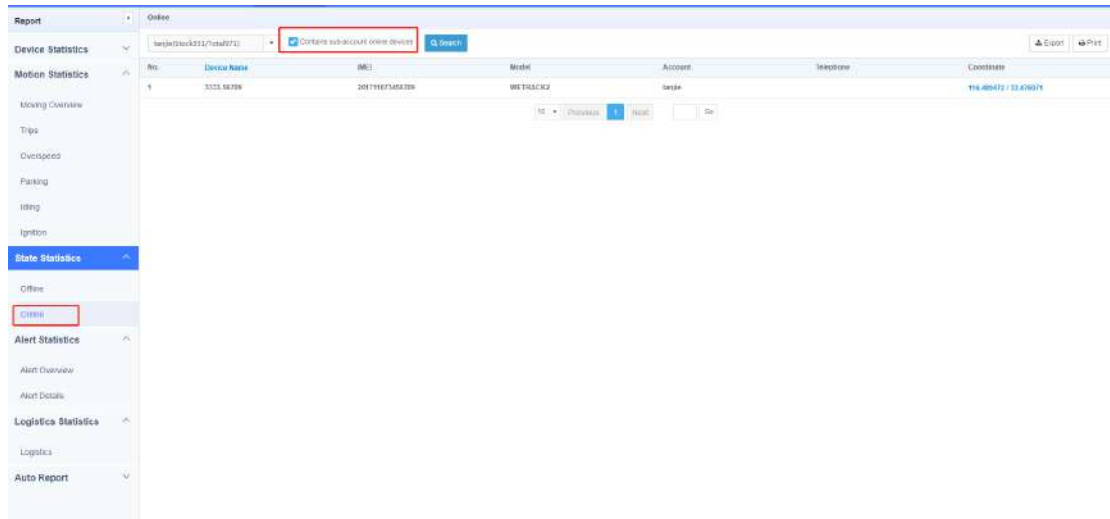
Auto Report

No.	Device Name	IMEI	Model	Account	Telephone	Offline Days	Offline Time	Offline Coordinate
1	40547411	20171001407412	A70	tanj		0:18:17	2020-06-16 11:30:53	103.08044 / 11.028604
2	C06-67000	20171001407900	C09	chenweihan@gmail.com		0:17:54	2020-06-16 17:40:53	103.054706 / 26.117308
3	A071233-01701	201710014060701	A071233000	tanj		0:19:38	2020-06-16 18:05:14	110.00811 / 39.000000

10 Previous Next OK

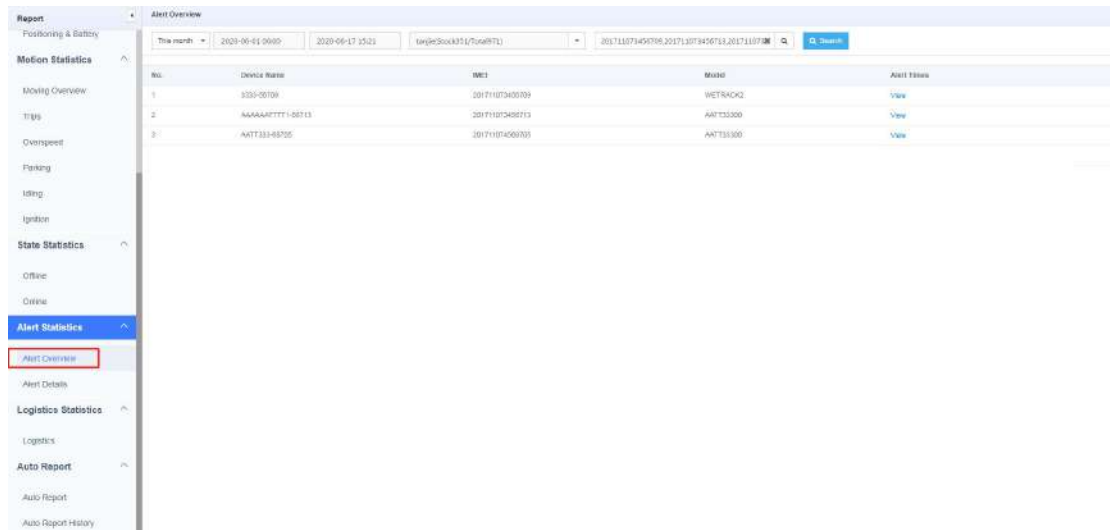
4.7.14 Online

Search all online devices and current position of selected account.

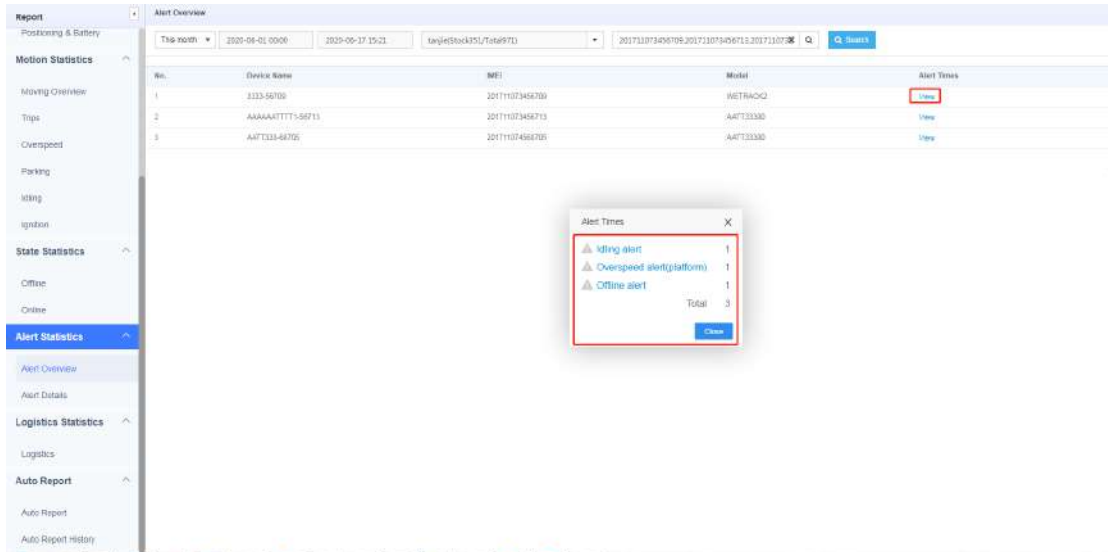


4.7.15 Alert Overview

Counts the times of alert for each alert type , this is an overview report for *Alert Details*. Click the number alerts to view more detail alert information.

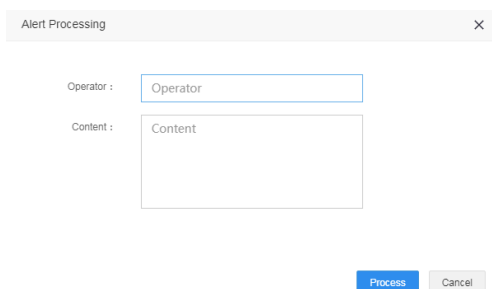
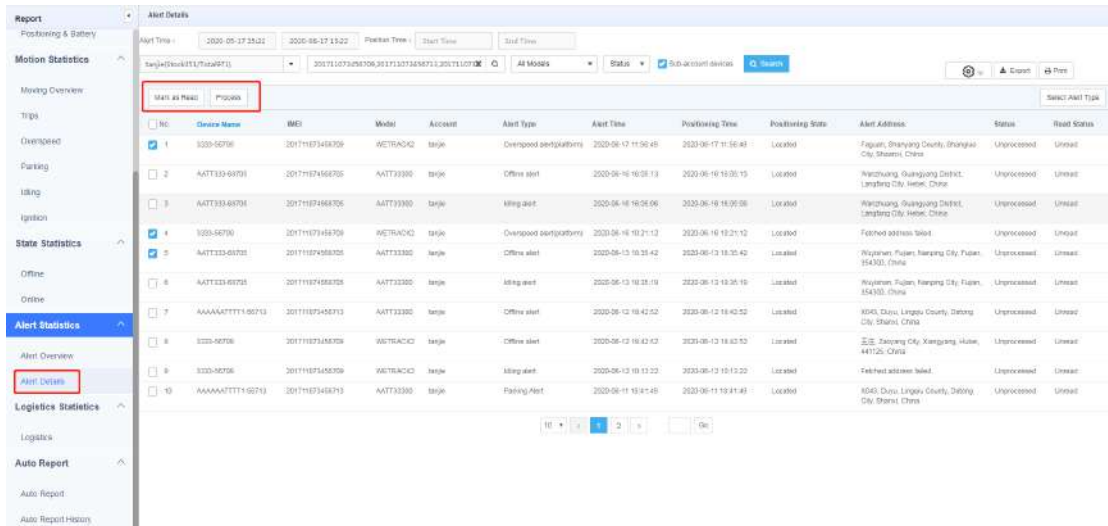


Click view to check alert times and details



4.7.16 Alert Details

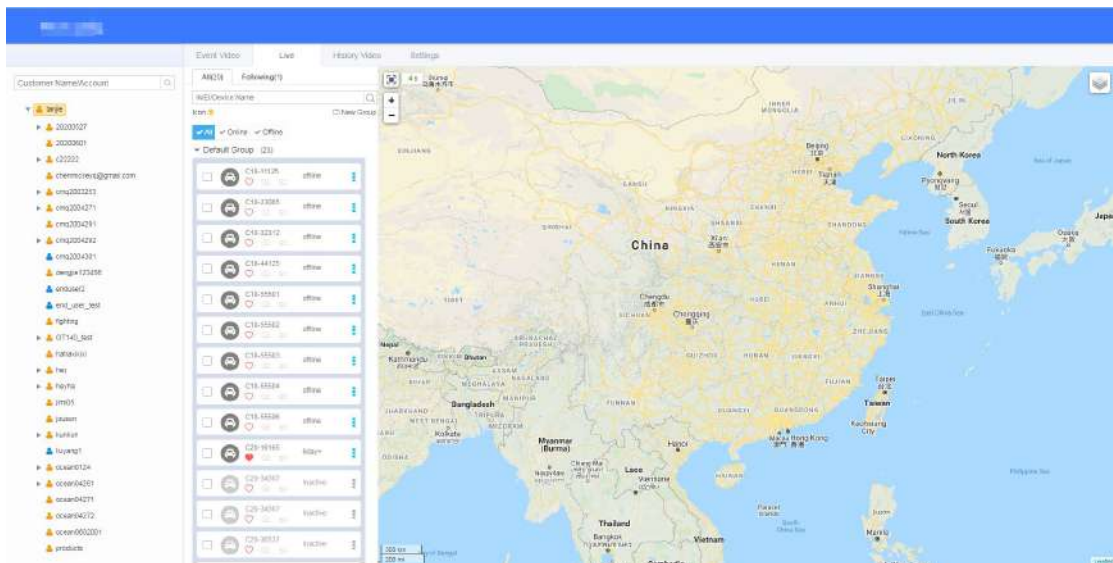
This report shows alerts of selected devices. User can change read/unread status of selected alerts by clicking *Mark as Read*, and add comments for the selected alerts.



4.8 Video

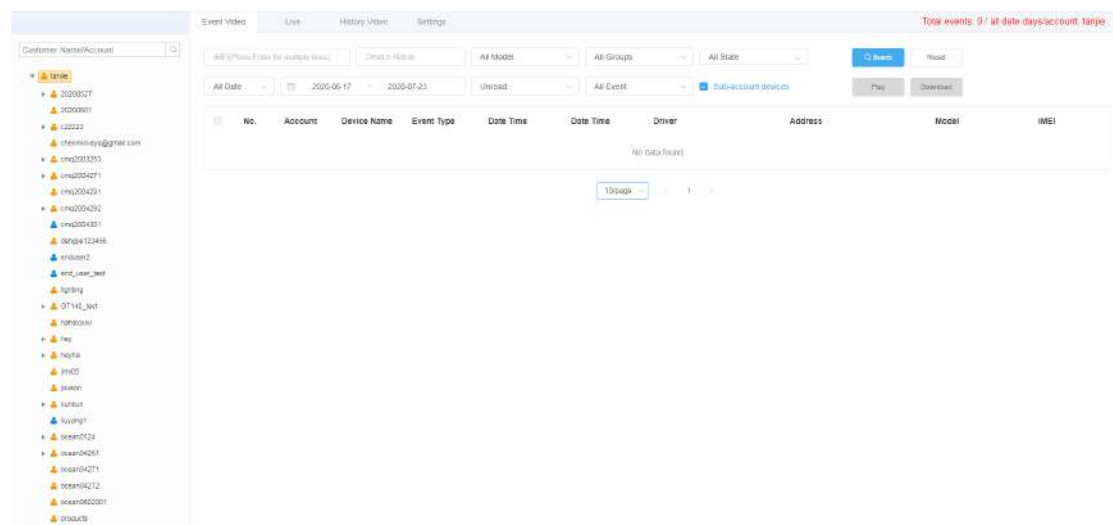
Video includes following features:

- Event Video-page list shows event video data, click the list line platform user can watch video. the video stored in the cloud, users can download videos and save them locally.
- Live-user can view video remotely in real time, capture photos and videos remotely. Help user view vehicle conditions even thousands of miles away.
- History Video-users can view the historical video stored on the local memory card by the remote network connection.



4.8.1 Event Video

4.8.1.1 Search Bar



IMEI - fill in the IMEI number, user can search multiple IMEI at the same time.

Device Name - fill in the device name, user can search for multiple devices at the same time.

Device Mode - select a device with event video.

Date - the default is 7 days, can select all dates or 7 days.

Reading Status - the default is unread, can select all state or unread.

Event Type - the default is all event type, can select other type event.

Sub-account Devices - user can choose to search for sub-account devices, which is not checked by default.

Reset - click the button to reset the filter.

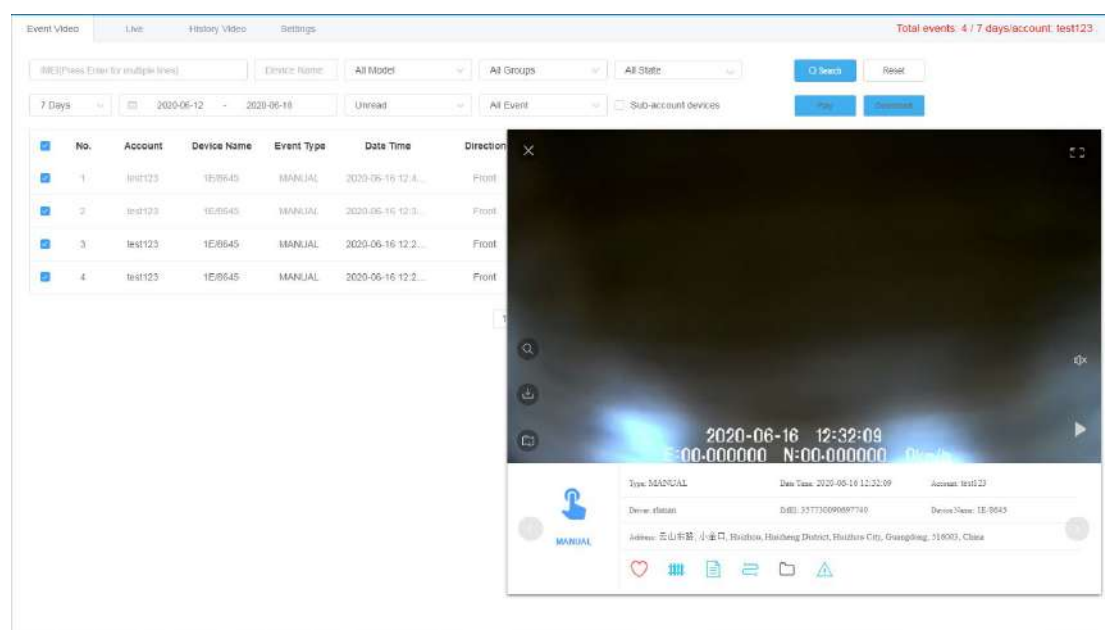
Play - It is not clickable by default. When the user selects events in the list, the button will be activated. After clicking, the event video will be rotated.

Download - It is not clickable by default. This button is activated when the user selects events in the list, and clicks to download video files in batches.

4.8.2 Live

4.8.1.2 Video Playback Window

The video playback content two parts. the upper part is the video content, and the lower part is the event information. The playback window is hidden by default. When the user clicks a row in the event list, it pops up and plays automatically until the window is closed or the next event is played or click the pause button.



Close Button - click the button to close the video.

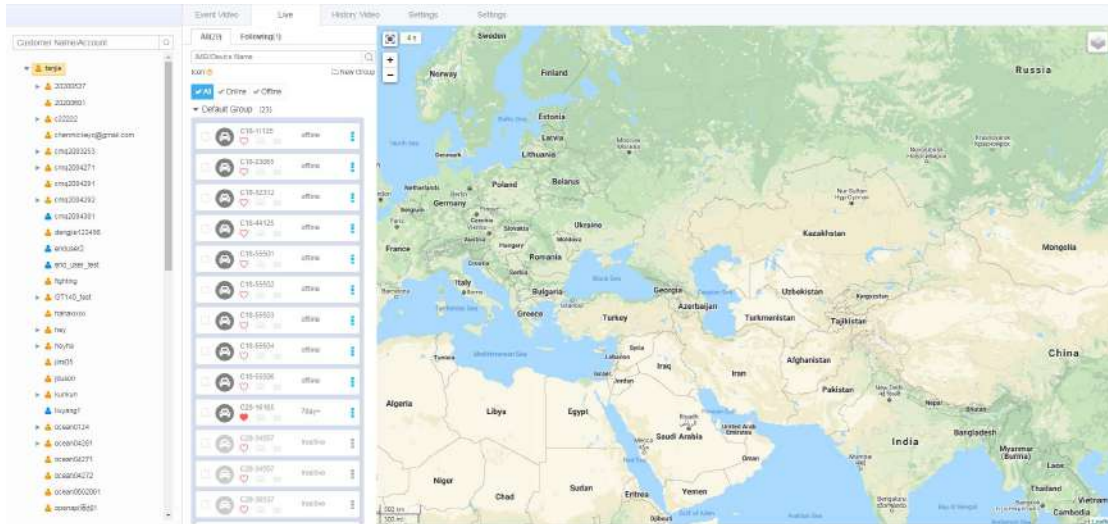
Download - download current event video.

Direction Switch - click to switch camera direction.

Sound Switch - click to turn sound on or off.

Play/Pause Switch - click to play or pause video.

Zoom Button - Click the button to enlarge or reduce the video playback window.

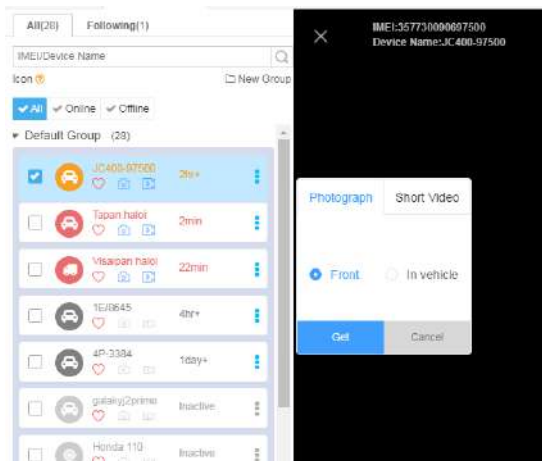


Account Tree

The account tree in Live is same as other page, user can search account fast by provide a searching keyword.

Device List

The middle section is the device list, which is almost the same with the device list of monitor pages, but the remote photo, video and live video functions are added on this page.



Remote media button – when the user clicks the remote media button, a selection popup appears on the right. Click get button to get photograph or short video.

4.8.2.1 Video Playback Window

Click the live video button or select box to pop up the live video playback window. The platform supports 9-grid screen display. When the user selects multiple devices in the left list bar, the map area displays multi-screen.



Close Button - click the button to close the video.

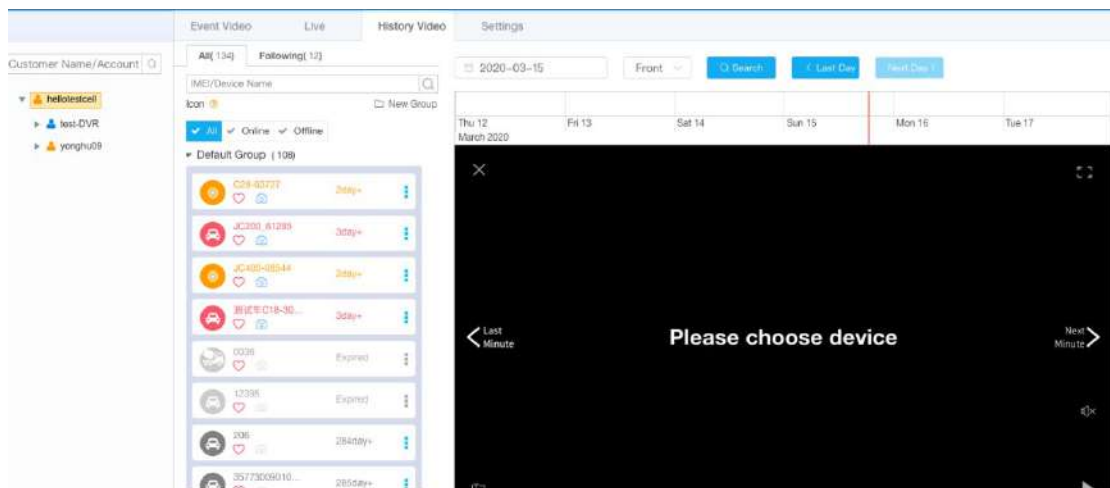
Direction Switch - click to switch camera direction.

Sound Switch - click to turn sound on or off.

Play/Pause Switch - click to play or pause video.

Zoom Button - Click the button to enlarge or reduce the video playback window.

4.8.3 History Video



Account Tree

The account tree in Live is same as other page, user can search account fast by provide a searching keyword.

Device List

The middle section is the device list, which is almost the same with the device list of monitor pages, but the remote photo, video functions.

Search Bar

Date -when the user selects the device, the default date is today, click the time picker to select the time.

Direction Switch - click to switch camera direction. the default direction is front.

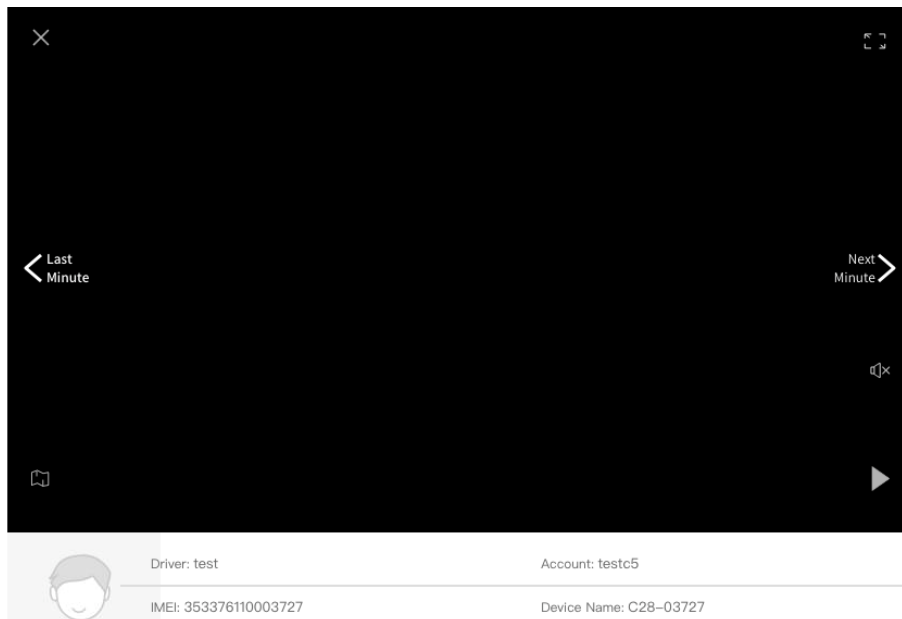
Search - click the button to search data by filters.

Last Day - click the button to search the previous day's data.

Next Day - click the button to search the data for the next day.

Time Line - When there is a video in the selected date, the time period with the video is color-coded in the timeline. The user can operate the timeline to choose to watch the video.

Video Playback Window



Close Button - click the button to close the video.

Sound Switch - click to turn sound on or off.

Play/Pause Switch - click to play or pause video.

Zoom Button - click the button to enlarge or reduce the video playback window.

Map - the map appears at the bottom after clicking the button.

Last Minute - click the button to play the last minute video

Next Minute - click the button to play the next minute video.

4.8.4 Setting

IMEI	Device Name	Model	Account	Support	Action
201711071800003	C26-00003	C26	Sanjee	Yes	Delete

DMS Setting

Setting DMS is divided into two parts

Switch - Setting whether the DMS event video is uploaded to platform. If the user does not want to upload videos to the platform, can set the button turn off. Click the save button to take effect.

The user can set the device in batch.

List - Display the information of the selected device on the left, click the delete button to cancel the selected device.

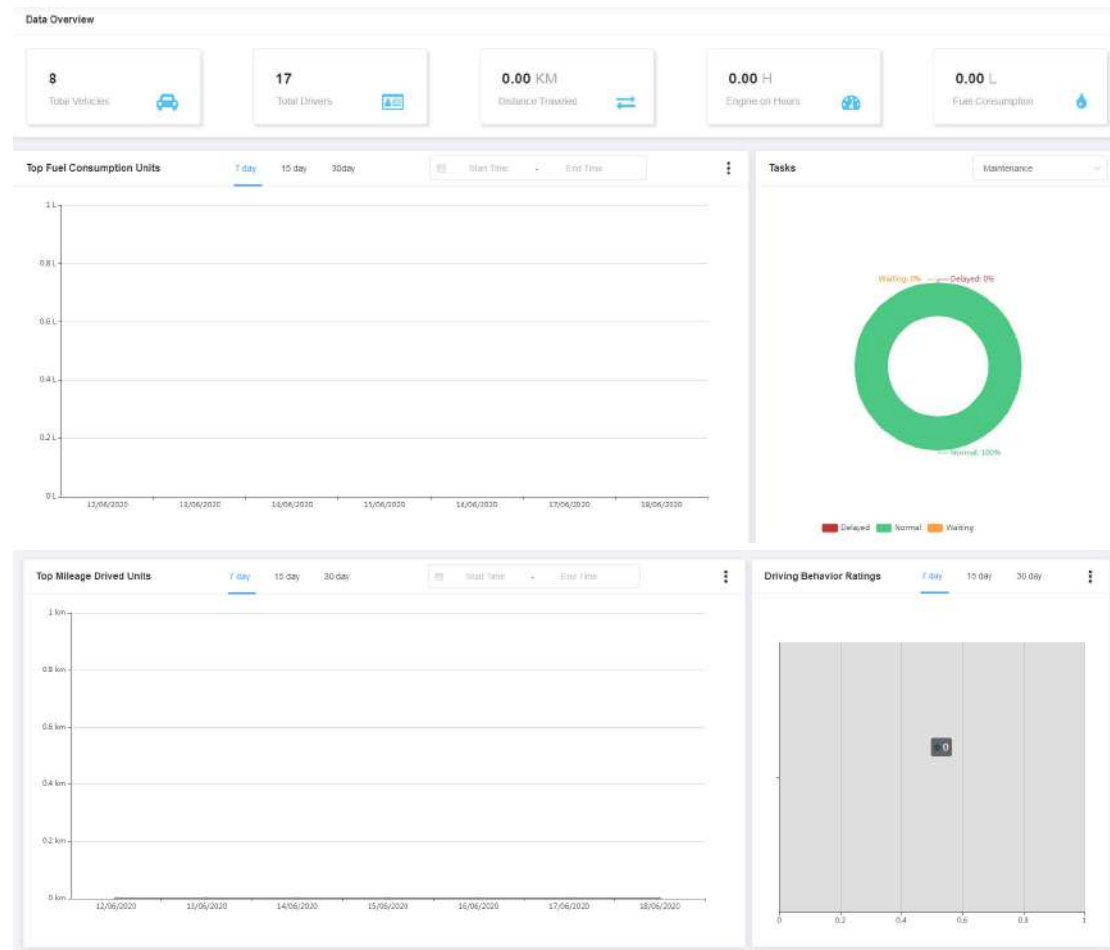
4.9 Fleet

Fleet includes Dashboard, Driver, Vehicle, RFID History and Route planning

Category	Value
Total Vehicles	8
Total Drivers	17
Distance Travelled	0.00 KM
Engine on Hours	0.00 H
Fuel Consumption	0.00 L

4.9.1 Dashboard

Preview the driver and vehicle situation and graphic report information, such as total number of drivers, total number of vehicles, total mileage, engine running time, fuel consumption, task preview function, and relevant TOP data, such as maximum fuel consumption, maximum mileage, driving behavior score.



4.9.2 Driver

Register driver information, license plate number, RFID Card No, Register Date, Expired Date, Phone, Email etc

Fleet

Driver

Driver No./Driver Name Register Place License Expired Search

+ Add - Export

No.	Driver No.	Driver Name	License No.	Register Place	Register Date	Expired Date	License Status	Reminder	Actions
1	123	123	123	123	2020-05-02	2020-05-18	N/A	EM	
2	0020	Jack	00256565	nvolve	2019-07-01	2019-07-31	N/A	EM	
3	001	Jack Chen	001	11	2019-06-05	2021-06-10	N/A	EM	
4	001	kkk	001		2019-06-05	2019-06-30	N/A	EM	
5	6d9d9d9d9d	gopgds	sdgdsdgsd		2019-06-29	2019-06-29	N/A	EM	
6	tsds	sdhsdhsd	sd31414	111	2019-06-29	2019-06-29	N/A	EM	
7	689d9d9d9d	znczhang	9998	lvdsds	2017-03-27	2021-04-15	N/A	EM	
8	6089	Wyang	2200	hubei	2019-04-30	2020-04-29	N/A	EM	
9	6000	000	34542	222	2017-03-27	2020-04-22	N/A	EM	
10	6383	554	155	55	2019-04-10	2019-05-28	N/A	EM	

Displaying 10 of 17 records

10p / 1 2 3

User can also customize the License expiration reminder, support send to email.

Reminder Detail

No.	Reminder Name	Actions
No data found.		

Reminder Name

Remind in Advance day

Remind me in advance.

Notification Email

Separate by new line.

Add driver information

User can add Driver No, Driver name, RFID Card No, Register Date, Expired Date、Phone, Email etc, can also upload picture, only support jpg/png, file size should not large than 2048kb.

Driver Detail
✕

Driver No.

Driver Name

License No.

RFID Card No.

City

Register Place

Register Date

Expired Date

Ext.1

Ext.3

Address

Remark

Avatar

+

! Only support jpg/png, file size should not large than 2048kb.

Email

Phone

Ext.2

Ext.4

Export driver information

Driver

License Expired

⊕ Add
⊕ Export

No.	Driver No.	Driver Name	License No.	Register Place	Register Date	Expired Date	License Status	Reminder	Actions
1	123	123	123	123	2020-06-02	2020-06-18	N/A	Edit	+ -
2	0023	Jack	0026665	meige	2019-07-01	2019-07-31	N/A	Edit	+ -
3	001	Jack /Zhu	001	11	2019-06-05	2021-06-10	N/A	Edit	+ -
4	001	Jack	001		2019-06-05	2019-06-30	N/A	Edit	+ -
5	hdgdsghsgh	hdgdsghs	hdgdsghs		2019-06-29	2019-06-29	N/A	Edit	+ -
6	hshs	shshshsh	hshshsh	111	2019-06-29	2019-06-29	N/A	Edit	+ -
7	hdghghghghgh	hdghghgh	hdghghgh		2017-03-27	2021-04-10	N/A	Edit	+ -
8	hdgh	hdgh	hdgh	hdgh	2019-04-30	2020-04-28	N/A	Edit	+ -
9	hdgh	hdgh	hdgh	hdgh	2017-03-27	2020-04-23	N/A	Edit	+ -
10	hdgh	hdgh	hdgh	hdgh	2019-04-10	2019-05-28	N/A	Edit	+ -





















Displaying 0 - 10 of 17 records
 1/2

No.	Driver No.	Driver Name	License No.	RFID Card No.	City	Register Place	Register Date	Expired Date
1	123	123	123	123	123	123	2020-06-01 16:00:00	2020-06-18 00:00:00
2	0023	Jack	00256565	56565		moxige	2019-06-30 16:00:00	2019-07-31 00:00:00
3	001	Jack chen	001	22	lixian	11	2019-06-04 16:00:00	2021-06-10 00:00:00
4	001	jck	001				2019-06-04 16:00:00	2019-06-30 00:00:00
5	fsdgsdgsdgsd	gsdgsd	sdgsdgsdgs				2019-06-28 16:00:00	2019-06-29 00:00:00
6	fsfsfs	fsdfsdfsdf	ri431414		fsfsdfs	111	2019-06-28 16:00:00	2019-06-29 00:00:00
7	6699666666	zouzeliang	5588	7896		loudishi	2017-03-26 16:00:00	2021-04-15 00:00:00
8	6699	liuyang	2255	6987		hubei	2019-04-29 16:00:00	2020-04-27 16:00:00
9	6655	888	54545	2222		222	2017-03-26 16:00:00	2020-04-21 16:00:00
10	6363	554	158	3222		55	2018-04-09 16:00:00	2019-05-27 16:00:00
11	3365	4455	666	6655		2442	2018-03-26 16:00:00	2019-04-29 16:00:00
12	999	666	444	8877		3322	2018-03-01 16:00:00	2019-04-29 16:00:00
13	555	66	8899	8899		4545	2019-02-24 16:00:00	2019-04-29 16:00:00
14	555	666	4444	111	44	555	2018-04-04 16:00:00	2019-04-23 00:00:00
15	004	jessin	20190409	22255		heilongjiang	2017-03-26 16:00:00	2019-04-20 16:00:00
16	002	Peter	20190408	240041FFEE	北京		2017-04-04 16:00:00	2019-04-30 00:00:00
17	001	Jack11	20190408	240041FFTT	11	深圳11	2018-02-01 16:00:00	2019-05-29 16:00:00

Edit and Delete

Driver

Driver No./Driver Name: Register Place: License Expires: Search

No.	Driver No.	Driver Name	License No.	Register Place	Register Date	Expired Date	License Status	Reminder	Actions
1	123	123	123	123	2020-06-01	2020-06-18	N/A	Exp	 
2	0023	Jack	00256565	moxige	2019-07-01	2019-07-31	N/A	Exp	 
3	001	Jack chen	001	11	2019-06-05	2021-06-10	N/A	Exp	 
4	001	jck	001		2019-06-05	2019-06-30	N/A	Exp	 
5	fsdgsdgsdgsd	gsdgsd	sdgsdgsdgs		2019-06-28	2019-06-29	N/A	Exp	 
6	fsfsfs	fsdfsdfsdf	ri431414	111	2019-06-28	2019-06-29	N/A	Exp	 
7	6699666666	zouzeliang	5588	loudishi	2017-03-26	2021-04-15	N/A	Exp	 
8	6699	liuyang	2255	hubei	2019-04-29	2020-04-27	N/A	Exp	 
9	6655	888	54545	222	2017-03-26	2020-04-21	N/A	Exp	 
10	6363	554	158	55	2018-04-09	2019-05-27	N/A	Exp	 

Displaying 0 - 10 of 17 records

















10p | 1 2 >

4.9.3 Vehicle

Vehicle is mainly to add the Vehicle information and some Settings related to the Vehicle, such as Vehicle No., Tracking Device, Engine Number, Max Speed, Brand, Model, Insurance Effect Date, Insurance Expire Date, VIN, Fuel/100km, Overspeed Alert, etc.

Vehicle

IMEI: Vehicle No.: Status: All Search

No.	Vehicle No.	Vehicle Type	Max Speed	Device Name	Device IMEI	Status	Reminder Status	Reminder	Actions
1	1234567	85	150			Used Car	N/A	Exp	 
2	666604	80	80	A67744-40018	201711074440518	Using	Exp	Exp	 
3	34016	55	100	A7223-34515	201911091234515	Using	N/A	Exp	 
4	63002	85	110	A7223-34015	201911091234515	Used Car	N/A	Exp	 
5	54654	551	101			Using	N/A	Exp	 
6	666608	70	100			Using	N/A	Exp	 
7	4445553	6511	130			Using	N/A	Exp	 
8	6725370	0011	20			Using	N/A	Exp	 

Displaying 0 - 10 of 8 records

10p | 1 2 >

Users can set up a reminder for Maintenance expiration (according to Mileage or ACC-On Duration) /Timing mode for regular reminders

Reminder Detail

No.	Reminder Name	Actions
No data found.		

Reminder Name:

Reminder Type:
 Mileage (Current Mileage: 0km)
 ACC-ON Duration (Current Duration: 0hour)
 Timing Mode

Interval: day

Start Date:

Remind in Advance: day

Notification Email:

⊕ Separate by new line

Add Vehicle information

User can add Vehicle No, Tracking Device, Engine Number, Max Speed, Brand, Model, Insurance Effect Date, Insurance Expire Date, VIN, Fuel/100km, Overspeed Alert etc.

×
Vehicle Detail

Basic
Advanced

Vehicle No.	<input type="text" value="Vehicle No."/>	Vehicle	<div style="border: 1px solid #ccc; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">+</div>
Vehicle Type	<input type="text" value="Vehicle Type"/>		
Tracking Device	<input type="text" value="Tracking Device"/>		
Engine Number	<input type="text" value="Engine Number"/>		1 Upload Delete
Driver No.	<input type="text" value="Driver No."/>		<small>Only support jpg/png, file size should not large than 2048kb.</small>
Status	<input checked="" type="radio"/> Using <input type="radio"/> Vacant <input type="radio"/> Rent Out	VIN	<input type="text" value="VIN"/>
Max Speed	<input type="text" value="Max Speed"/>	km/h	Fuel/100km <input type="text" value="Fuel/100km"/>
Brand	<input type="text" value="Brand"/>	Color	<input type="text" value="Color"/>
Model	<input type="text" value="Model"/>	Production Year	<input type="text" value="Production Year"/>
Ext.1	<input type="text" value="Ext.1"/>	Ext.2	<input type="text" value="Ext.2"/>
Ext.3	<input type="text" value="Ext.3"/>	Ext.4	<input type="text" value="Ext.4"/>
Insurance Effect Date	<input type="text" value="Choose Time"/>	Insurance Expire Date	<input type="text" value="Choose Time"/>
Remark	<input style="width: 100%;" type="text" value="Remark"/>		

×
Vehicle Detail

Basic
Advanced

Overspeed Alert

Max Speed	<input type="text" value="Max Speed"/>	km/h	Duration	<input type="text" value="Duration"/>	sec
-----------	--	------	----------	---------------------------------------	-----

Save

Maintenance

Mileage ACC-ON Duration

Mileage Threshold	<input type="text" value="Mileage Threshold"/>	km	Current Mileage	<input type="text" value="Current Mileage"/>	km
-------------------	--	----	-----------------	--	----

Save

Cancel

Export Vehicle information

Vehicle

IMEI: Vehicle No: Status: All

No.	Vehicle No.	Vehicle Type	Max Speed	Device Name	Device IMEI	Status	Reminder Status	Reminder	Actions
1	1234302	88	158			Need Oil	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	888804	55	80	AAT14-43518	20171074445518	Using	OK	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	34010	55	100	AT22-34010	20191091234510	Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	63002	55	100	AT22-34010	20191091234510	Need Oil	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
5	54854	551	101			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
6	666605	55	100			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
7	4445583	5511	120			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
8	6729376	5511	20			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Displaying 0 - 10 of 8 records

No.	Vehicle No.	Vehicle Type	Device IMEI	Engine Number	Driver	Status	Max Speed	Brand	Model	Production Year	VIN	Fuel/100km	Insurance Effect	Insurance E
1	1234302	88			001		3 150						2019-04-15	2019-04-24
2	888804	55	20171074445518				1 80						2019-03-31	2019-04-23
3	34010	55	20191091234510		3355		1 100			1111	111	10	2019-04-29	2019-04-30
4	63002	55	20191091234510				3 150						2019-04-15	2019-04-24
5	54854	551		1			1 101						2019-04-16	2019-04-18
6	666605	55					1 100						2019-04-11	2019-04-29
7	4445583	5511					1 120						2019-04-11	2019-04-09
8	6729376	5511					1 20						2019-04-29	2019-04-30

Edit and Delete

Fleet

Vehicle

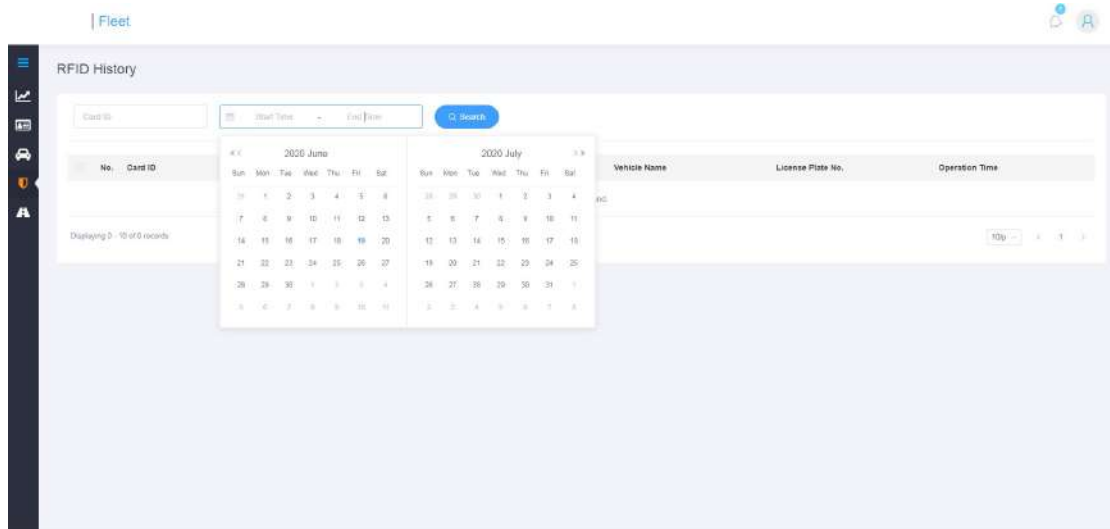
IMEI: Vehicle No: Status: All

No.	Vehicle No.	Vehicle Type	Max Speed	Device Name	Device IMEI	Status	Reminder Status	Reminder	Actions
1	1234302	88	150			Need Oil	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	888804	55	80	AAT14-43518	20171074445518	Using	OK	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	34010	55	100	AT22-34010	20191091234510	Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	63002	55	100	AT22-34010	20191091234510	Need Oil	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
5	54854	551	101			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
6	666605	55	100			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
7	4445583	5511	120			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
8	6729376	5511	20			Using	N/A	ERI	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Displaying 0 - 10 of 8 records

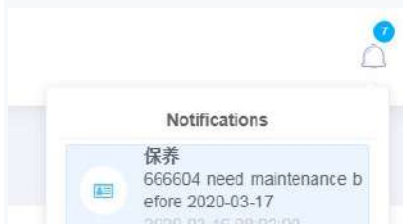
4.9.4 RFID History

View and query the ID card record. The query is based on the ID of the card (the starting and the end time)Every time you swipe your card, a record is created.

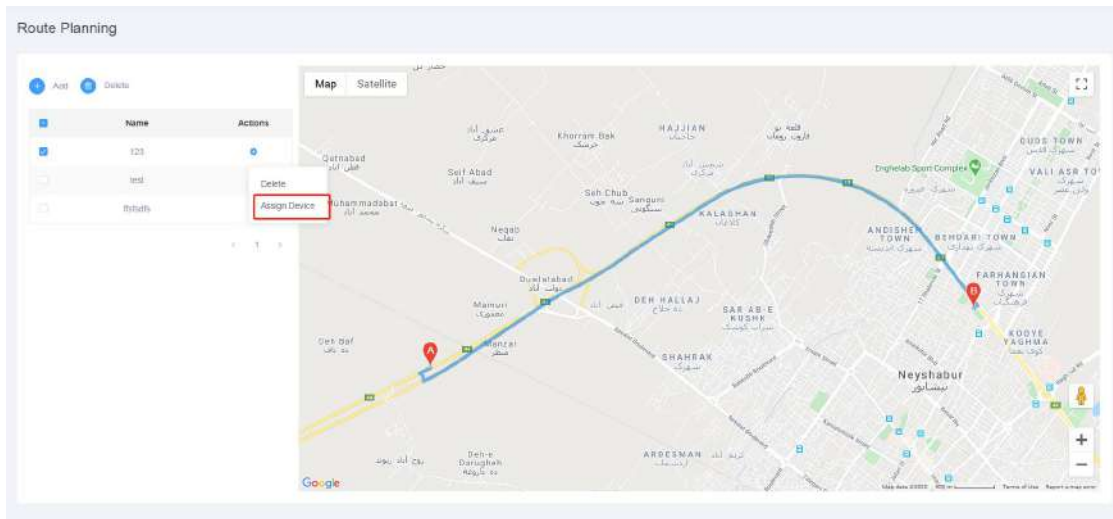
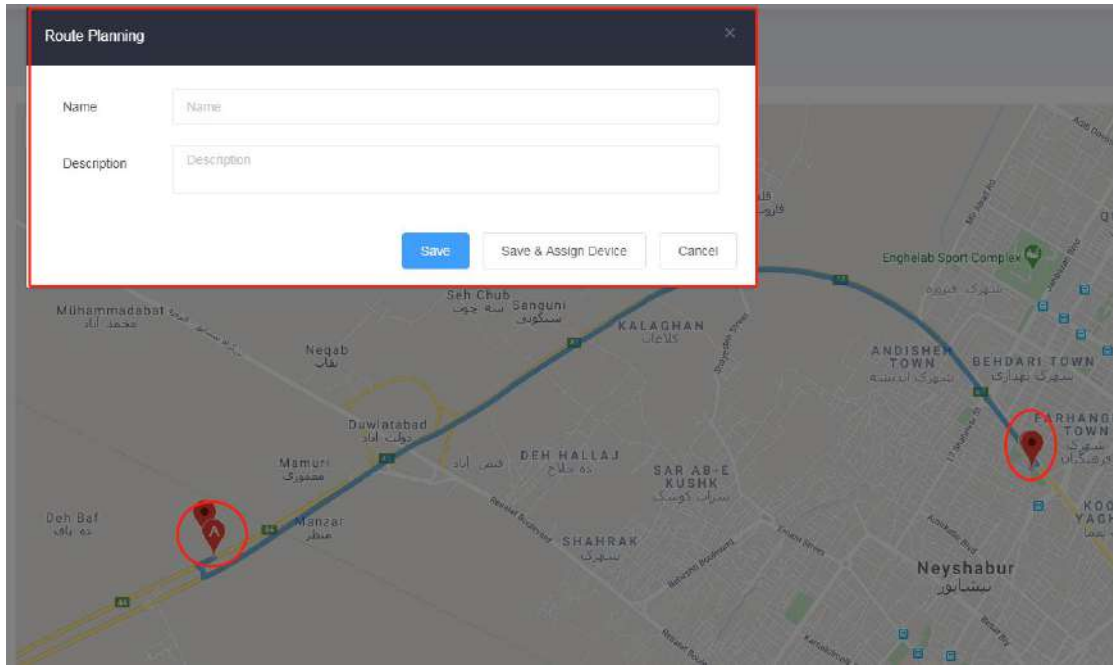


4.9.5 Route Planning

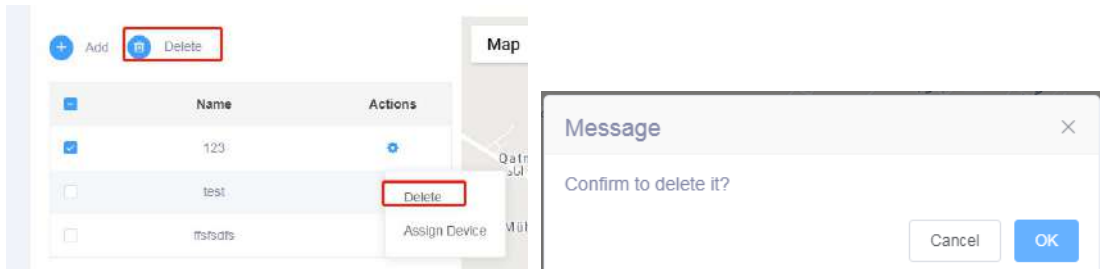
Route planning includes creating the route, bind the vehicle. If the vehicle is not in the form created on the route, an alert message will be generated by the Fleet. At the top right "Notifications" bell.



Currently only two points (start and end points) are supported to create a route, which is automatically generated. click "Add" new route, assign device to this route.

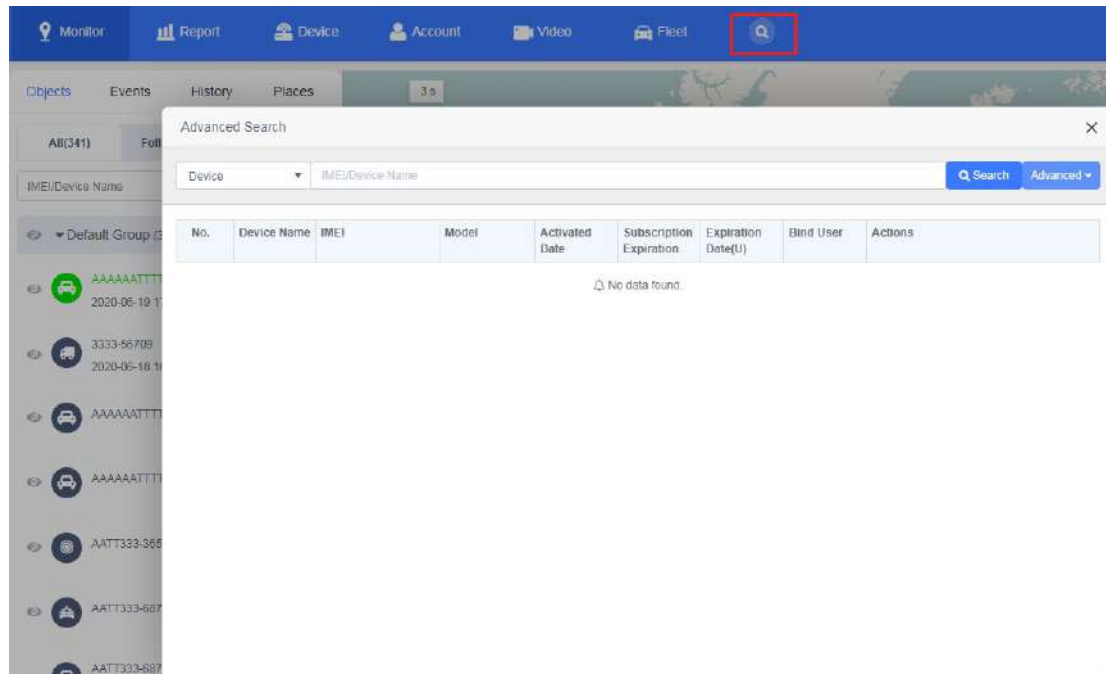


Delete Route



4.10 Advanced Search

Advanced search provides very rich functions for user to search device, platform user and app user. Almost all functions in this tracking platform can be found in advanced search.



Note

User(platform user) we mentioned in previous section is same definition to account, but App user is registered in Apps, it's not in the account tree.

4.10.1 Search Device

By default, search devices in *Advanced Search* is base on IMEI or device name by default, however it also support other criteria:

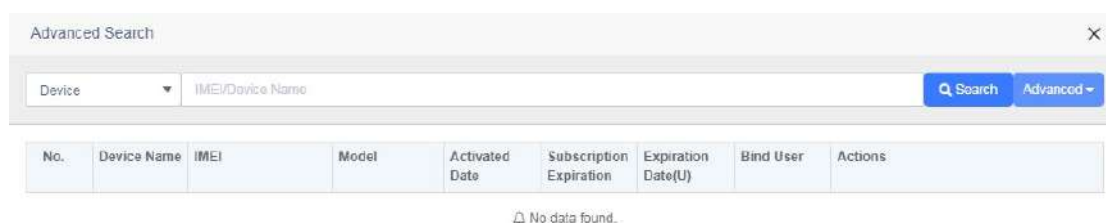
Account - search device by selected account.

Device Fields - including IMEI, License Plate No, Model, SN, VIN, SIM, Device Name

Date Type - including Activated Date, User Expiration Date, Platform Expiration Date

Status - Expired or Not Activated

The matched results will be list on the bottom datagrid.



Advanced Search

Account :

Date Type : Expired Not Activated

No.	Device Name	IMEI	Model	Subscription Expiration	Expiration Date(U)	Bind User	Actions
No data found.							

Advanced Search

Account :

Date Type : Time Range Status : Expired Not Activated

No.	Device Name	IMEI	Model	Activated Date	Subscription Expiration	Expiration Date(U)	Bind User	Actions
No data found.								

The *Actions* links in the result help user to do other operations:

Detail - navigates to device relative information tabs in current pop up window.

Playback - new page to playback tracks.

Tracking - new page to view real-time tracking.

Alert - new page to alert details report.

Advanced Search

Device

User Relationship Device Detail Move Device Device Command

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	AAAAATTTT1-56713	201711073456713	AATT33300	2019-12-20	2022-12-20	2022-12-20		Playback Tracking Alert Monitor

User Relationship :

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanje	Distributor	tanje	1507380455	352	Monitor View Devices

Click *Detail* link shows following tabs:

User Relationship - shows device basic fields and relationship between device and account.

Device Detail - shows device detail information, same as *Device Detail* in *Device* page.

Move Device - Move device to other account, is identical to Rapid Sale/Sell/Bulk Sell

Device Command - Send command to device, same as *Command/Send Command* in *Device Page* or *Device Command* in *Monitor* page.

The screenshot shows the 'Advanced Search' window with the 'Device Command' tab selected. The main table contains the following data:

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	AAAAAATTTT1-56713	201711073456713	AATT33300	2019-12-20	2022-12-20	2022-12-20		Playback Tracking Alert Monitor

Below the main table, the 'User Relationship' sub-table is visible:

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanjie	Distributor	tanjie	1507889455	352	Monitor View Devices

User Relationship Tab

This tab shows device basic fields and relationship between device and account, also includes following links:

Playback - new page to playback tracks for this device.

Tracking - new page to show real-time tracking for this device.

Alert - new page to alert details report.

Monitor(Location) - new page to *Monitor* page, showing selected device or devices of selected account.

View (Devices)- new page to *Device* page to view devices of selected account.

Reset Password - reset selected account to initial password 888888.

The screenshot shows the 'Advanced Search' window with the 'User Relationship' tab selected. The main table contains the following data:

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	AAAAAATTTT1-56713	201711073456713	AATT33300	2019-12-20	2022-12-20	2022-12-20		Playback Tracking Alert Monitor

Below the main table, the 'User Relationship' sub-table is highlighted with a red border:

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanjie	Distributor	tanjie	1507889455	352	Monitor View Devices

Device Detail Tab

In this tab, user can edit device detail like *Edit* in *Device* page.

Advanced Search

Device: 201711073456713

Search | Advanced

User Relationship | **Device Detail** | Move Device | Device Command

Basic Information | Other Information | Alerts | Sensors

Device IMEI : 201711073456713 Model : AATT33300

Device Name : AAAAAATTTT1-56713 SIM :

Group : Default (Group) Activated Date : 2019-12-20

Application : Expiration Date(P) : 2022-12-20

ICCID : IMSI :

Sales Time : 2020-05-18 Import Time : 2019-06-29

Expiration Date(U) : 2022-12-20 Binding :

Remark :

Move Device Tab

Move devices like *Rapid Sale* in *Dashboard*, *Sell/Bulk Sell* in *Device* page.

Advanced Search

Device: 201711073456713

Search | Advanced

User Relationship | Device Detail | **Move Device** | Device Command

Selected device : 1

IMEI	Model	Account	Actions
201711073456713	AATT33300	tanje	Delete

Transfer to :

Customer Name/Account

- tanje
 - 20200627
 - 20200601
 - c22222
 - chenmickey@gmail.c...
 - cmq2003253
 - cmq2004271
 - cmq2004291
 - cmq2004202

User Expiration : Not Limit Clear Move

Device Command Tab

Send commands like *Command/Send Command* in *Device* page, *Device Command* in *Monitor*.

Advanced Search X

Device: Q Search Advanced ▾

User Relationship | Device Detail | Move Device | Device Command

Device Name: AAAAAATTTT1-56713 IMEI: 201711073456713

Command Type: SOS number ▾

SOS setting Delete SOS number

Number 1:

Number 2:

Number 3:

Description: SOS setting

[Send](#)

Click *Back* to go to the basic search.

Advanced Search X

Account: IMEI: [Back](#)

Date Type: Time Range Status: Expired Not Activated Q Search Reset

User Relationship | Device Detail | Move Device | Device Command

Device Name: AAAAAATTTT1-56713 IMEI: 201711073456713

Command Type: SOS number ▾

SOS setting Delete SOS number

Number 1:

Number 2:

Number 3:

Description: SOS setting

[Send](#)

4.10.2 Search Account

Search user by customer name or account, including sub-account. The result datagrid includes following links:

Monitor - new page to monitor devices of selected account.

Detail - navigates to User relative Information, including 5 tabs.

Reset Password - reset password to initial password 888888 for selected account.

View (Devices)- new page to view devices of selected account in *Device* page.

User Relationship :

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanje	Distributor	tanje	1507889455	352	Monitor View Devices

Click *Detail* link in the account list shows 5 tabs for selected account.

User Relationship - shows the structure of accounts.

User Information - Account details.

Sell Device - Move devices to selected account.

Add Sub-account - new sub-account for selected account.

Move Account - move selected account to another sub-account.

Advanced Search ✕

Account: Search

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	openapi添加1	Distributor	tanjeOpenApi06172		0	Monitor Detail Reset Password View Devices
2	openapi添加1333	Distributor	tanjeOpenApi06181		0	Monitor Detail Reset Password View Devices
3	openapi添加133323	Distributor	tanjeOpenApi06182		0	Monitor Detail Reset Password View Devices
4	openapi添加133323hahaha	Distributor	tanjeOpenApi06183		0	Monitor Detail Reset Password View Devices
5	openapi添加13332444444	Distributor	tanjeOpenApi06184		0	Monitor Detail Reset Password View Devices
6	openapi添加13332555555	Distributor	tanjeOpenApi06185		0	Monitor Detail Reset Password View Devices
7	openapi添加13332666666	Distributor	tanjeOpenApi06186		0	Monitor Detail Reset Password View Devices
8	openapi添加13332777777	Distributor	tanjeOpenApi06187		0	Monitor Detail Reset Password View Devices
9	tanje-cmq1	Distributor	tanje-cmq1		2	Monitor Detail Reset Password View Devices
10	tanje22	End User	tanje22		3	Monitor Detail Reset Password View Devices

User Relationship

Show the structure of accounts. Monitor link navigates to a new page to monitor device, click *View* link to view devices of selected account in *Device* page.

Advanced Search ✕

Account tanjie-cmq1 Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanjie	🔔 Distributor	tanjie	1507689455	352	Monitor View Devices
2	↳ tanjie-cmq1	🔔 Distributor	tanjie-cmq1		2	Monitor Reset Password View Devices

User Information

Identical to *Edit in Account*, user can edit account details in this tab. Refer to [Edit Account](#).

Advanced Search ✕

Account tanjie-cmq1 Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

*Superior Account : tanjie

*Account Type : Distributor

*Customer Name : tanjie-cmq1

*Login Account : tanjie-cmq1

Telephone : Enter Telephone

Email : Enter Email

*Country / Region : China | 86

Contact Person : Enter Contact Person

Company Name : Enter Company Name

Customer Name/Account 🔍

▼ 🔔 tanjie

- ▶ 20200527
- ▶ 🔔 20200601
- ▶ c22222
- ▶ chenmickeyq@gmail.c...
- ▶ cmq2003253
- ▶ cmq2004271
- ▶ 🔔 cmq2004281
- ▶ cmq2004282
- ▶ cmq2004301

Sell Device

Move devices to this selected account. This function almost identical to Sell/Bulk Sell/Rapid Sale/Move Device in previous section. The difference selected account is the target account in this function. See [Sell/Move](#)

Advanced Search

Account: tanjie-cmq1 Q Search

User Relationship | **User Information** | Sell Device | Add Sub-account | Move Account

Selected device : 0 , Sell to **tanjie-cmq1**

IMEI(Press Enter for multiple lines)

Total : 0 Add Cancel

User Expiration : Not Limit Clear Sell

Add Sub-account

Add new sub-account for selected account. This is a function identical to [New Account](#), set the selected account as superior account and not allow to change.

Advanced Search

Account: tanjie-cmq1 Q Search

User Relationship | User Information | Sell Device | **Add Sub-account** | Move Account

* Superior Account : tanjie-cmq1

*Account Type : Please select

*Login Account : Enter Login Account

*Country / Region : China | 86

*Customer Name : Enter Customer Name

Company Name : Company Name

*Password : *****
Initial password is:888888

Demo Account :

Contact Person : Enter Contact Person

Telephone : Enter Telephone

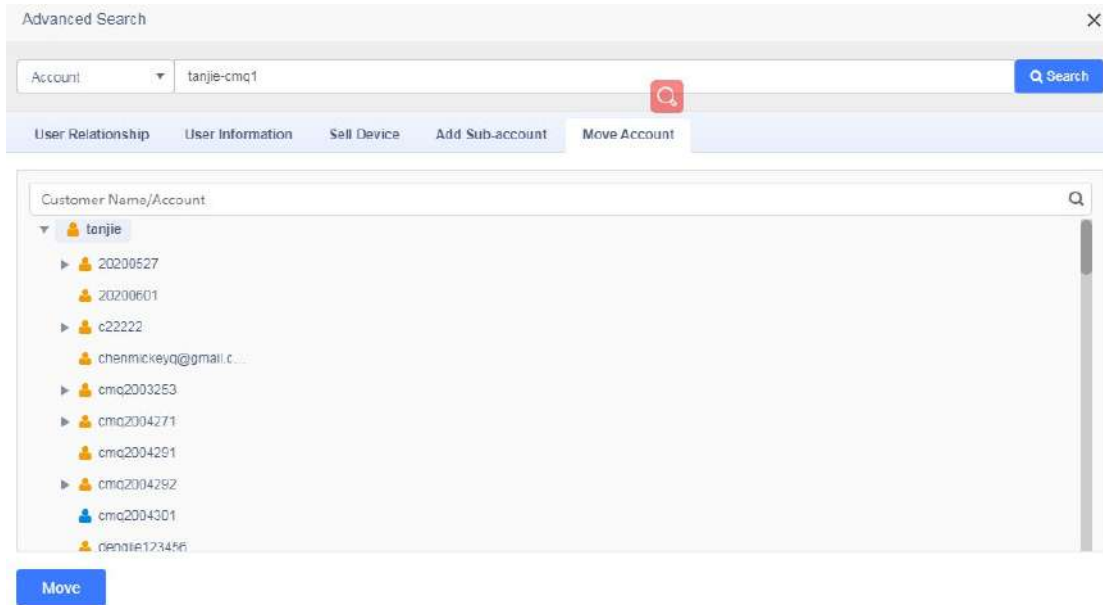
Email : Enter Email

Permissions : App Login
 Web Login
 Send Command
 Set Working Mode
 Edit by App

Save

Move Account

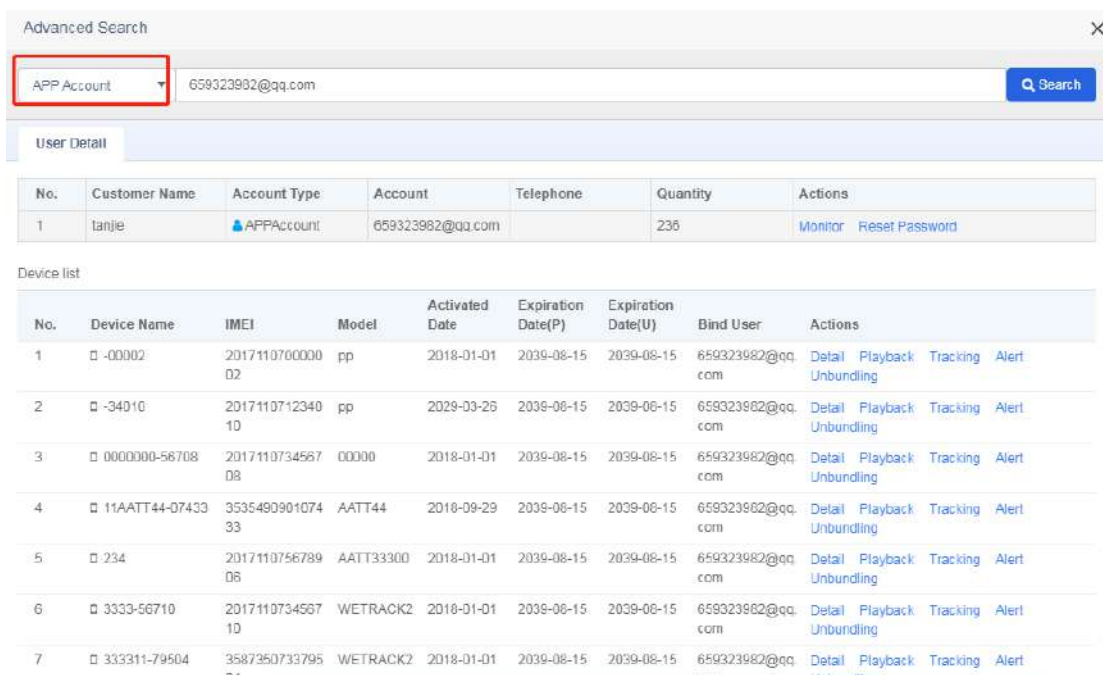
Move selected account to a target account select from the account tree.



4.10.3 Search APP User

Generally, App user is registered from Apps by an email account, To search App user, User provides email account and click *Search* button to search sub-account for current login account.

App user will not included in the searching results if it haven't bound a device.



Operation Links

Monitor - new page to monitor bound devices of selected App user.

Reset Password - reset App user password to initial password, 888888.

Detail - navigates to device relative 4 tabs. Identical to *Detail* link in Search Device.

Playback - new page to playback tracks of this device.

Tracking - new page to show real-time tracking of this device.

Alert - new page navigates to alert detail report.

Unbundling - unbind device from this App user.

4.10.4 Search Device by License Plate No.

This function provide a shortcut to search device by License Plate No. Identical to [Search Device](#) in previous section.

Advanced Search ✕

License Plate No. Search Advanced -

User Relationship Device Detail Move Device Device Command

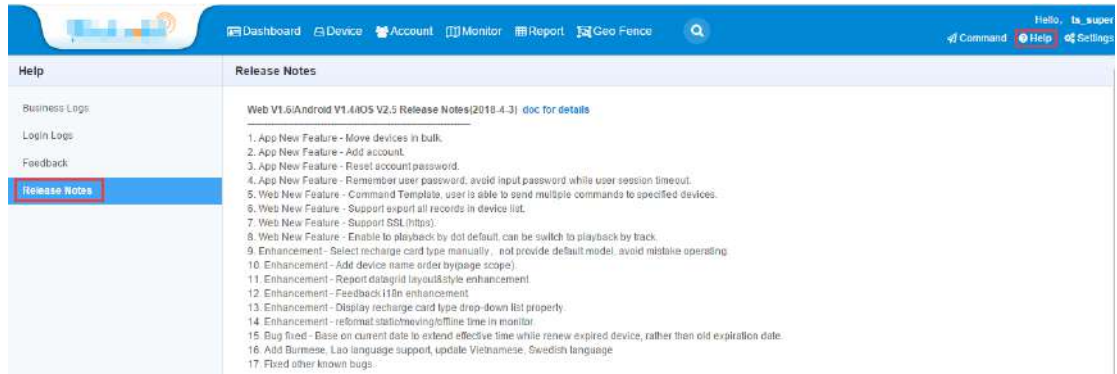
No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	3333-86709	201711073456709	WETRACK2	2019-09-19	2039-08-15	2039-08-15		Playback Tracking Alert Monitor

User Relationship :

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanje	Distributor	tanje	1507889455	352	Monitor View Devices

4.11 Help

Help contains business logs, login logs, feedback and release notes. You can find release notes in Help if you miss the pop up window while new version released.



Business Logs - records operations of all devices for current login account and modification of accounts.

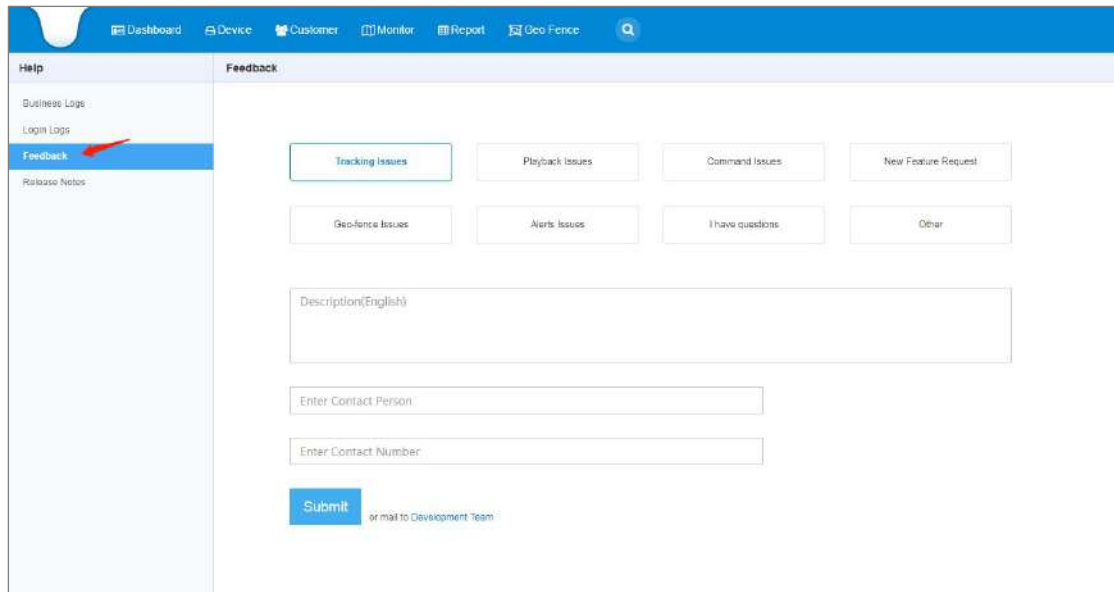
Login Logs - records the login operation of current login account.

Feedback --- For user to submit advises, request new feature, report issues and so on.

Release Notes --- Records change log for each version, it might include a user manual document.

4.1.1.1 Feedback

An online feedback for user to report issues, request new feature, please write the description in English, recommend to provide contact email



4.1.1.2 Business Log

Provides logs for device and account for core business operation.

Help

Business Logs

Devices

Manage Customers

Account: root@192

2018-01-12 00:00 2018-04-12 14:17

Please enter operator / target account

Search

Operator	Create Time	Target Account	Description
root@192	2018-04-10 21:17	/35103000000000	Device has sent more than 15-100000000000 devices between the undefined.
ibarcy	2018-04-04 17:37:01	/20171078228972	ibarcy has sent more than 20171078228972 devices between the undefined.
ibarcy	2018-04-03 18:32:12	/20171078228919	ibarcy has sent more than 20171078228919 devices between the undefined.
ibarcy	2018-04-03 18:00:14	/20171078228981	ibarcy has sent more than 20171078228981 devices between the undefined.
ibarcy	2018-04-03 18:00:14	/20171078228983	ibarcy has sent more than 20171078228983 devices between the undefined.
ibarcy	2018-04-03 18:02:01	/20171078229020	ibarcy has sent more than 20171078229020 devices between the undefined.
ibarcy	2018-04-03 18:02:01	/20171078228988	ibarcy has sent more than 20171078228988 devices between the undefined.
ibarcy	2018-04-03 18:01:58	/20171078228972	ibarcy has sent more than 20171078228972 devices between the undefined.
ibarcy	2018-04-03 18:01:58	/20171078228971	ibarcy has sent more than 20171078228971 devices between the undefined.
ibarcy	2018-04-03 18:01:16	/20171078228988	ibarcy has sent more than 20171078228988 devices between the undefined.

Help

Business Logs

Devices

Manage Customers

Full All Details Change Password Reset Password

2018-01-01 00:00 2018-04-12 15:50

Please enter operator / target account

Search

Operator	Create Time	Target Account	Description
root@192	2018-04-03 10:07:34	root@192	modify
ibarcy	2018-04-03 10:00:18	ibarcy	modify
root@192	2018-04-03 14:57:12	root@192	modify
ibarcy	2018-04-03 10:26:50	ibarcy	modify
ibarcy	2018-04-02 12:16:21	ibarcy	modify
ibarcy	2018-04-03 18:18:02	ibarcy	modify
ibarcy	2018-04-03 18:15:44	ibarcy	modify
ibarcy	2018-04-02 18:18:08	ibarcy	modify
ibarcy	2018-04-02 13:09:36	ibarcy	modify
ibarcy	2018-03-29 15:48:05	ibarcy	modify

4.1.1.3 Login logs

Display login logs for current login account.

Help

Business Logs

Login Logs

Login Account: 2018-04-12 00:00 2018-04-12 14:18

Search

No.	Login account	Login Account	IP	Login time	Result
1	root	ibarcy	10.25.50.7	2018-04-12 09:27:22	Login Successful
2	root	ibarcy	127.0.0.1	2018-04-11 15:21:08	Login Successful
3	root	ibarcy	192.168.195.127	2018-04-10 13:30:06	Login Successful
4	root	ibarcy	107.0.0.1	2018-04-10 09:10:15	Login Successful
5	root	ibarcy	127.0.0.1	2018-04-10 09:10:17	Login Successful
6	root	ibarcy	127.0.0.1	2018-04-08 10:40:03	Login Successful
7	root	ibarcy	127.0.0.1	2018-04-08 10:44:42	Login Successful
8	root	ibarcy	10.25.50.7	2018-04-08 09:54:28	Login Successful
9	root	ibarcy	192.168.195.127	2018-04-08 09:58:02	Login Successful
10	root	ibarcy	10.25.50.7	2018-04-08 09:02:14	Login Successful

4.1.1.4 Release Note

Display change log for every release version, it might include a user manual(Word document) for

new features. Change log pops up while new version released, if you miss it, view it in this page.

4.12 Command Management

Sometimes user need to send command to device for changing device configuration. Besides sending command individual or in bulk, system also provides feature [working mode template](#) and command template to make it more convenient to send commands to device.

Synchronize Working Mode Task

Each operation of *Set Working Mode* in bulk(in *Device* module) is considered as a batch operation, system generates a batch number for it. *View Detail* link navigates to *Synchronize Working Mode* shows all operated devices in this batch.

Synchronize Working Mode

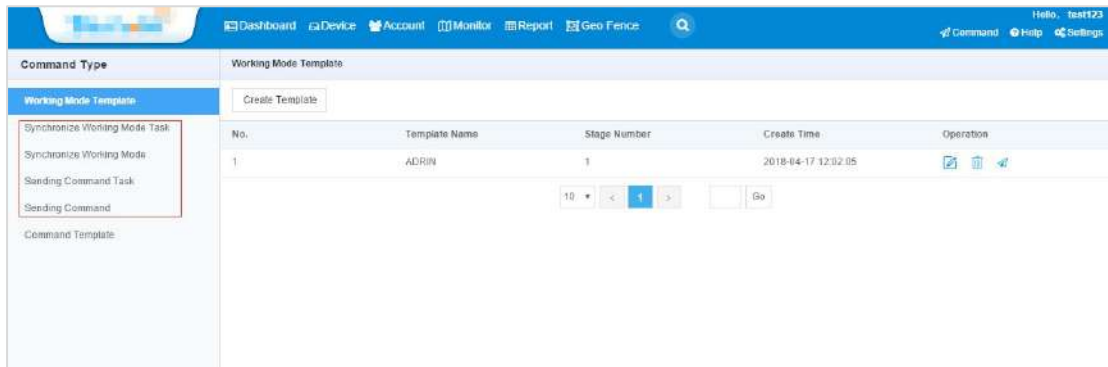
Shows details records of *Set Working Model* in bulk.

Sending Command Task

Each operation of *Send Command* in bulk(in *Device* module) is considered as a batch operation, system generates a batch number for it. *View Detail* link navigates to *Sending Command* shows all operated devices in this batch.

Sending Command

Shows details records of *Send Command* in bulk.

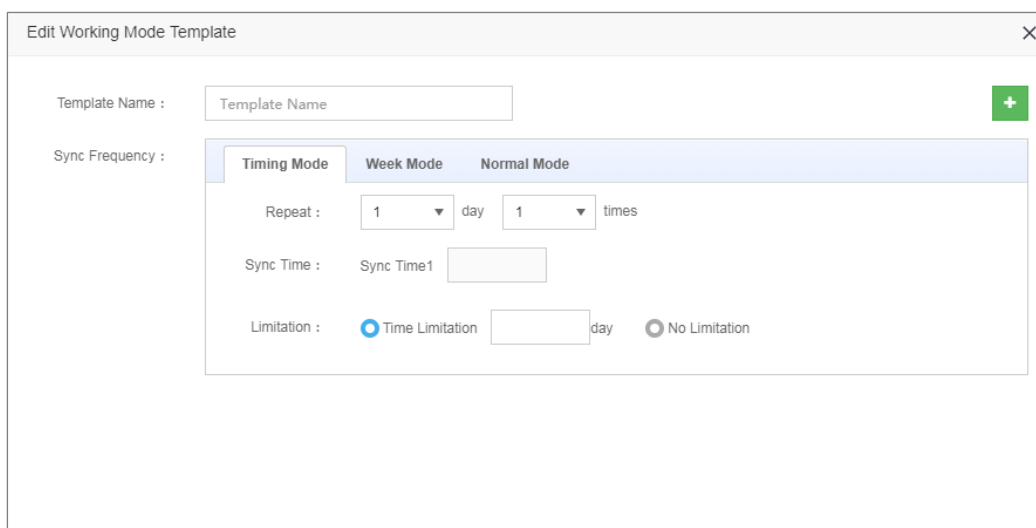


4.12.1 Working Mode Template

It's a template for set GPS data packet uploading frequency. See [Working Mode](#) for more details.

Create Template

Click *Create Template* to add a new working mode template.



Edit/Remove Template

Working Mode Template		Create Template				Operation
No.	Template Name	Stage Number	Create Time			
1	setting	1	2019-04-04 16:29:14			
2	mini-car setting	1	2019-04-04 16:26:50			
3	Moto setting	1	2019-04-04 16:28:29			
4	car setting	1	2019-04-04 16:25:31			
5	wear24	1	2019-04-04 16:24:45			

Command

Fill device(s) IMEI and Click *Send Command* send working mode command to device.

Working Mode Template		Create Template				Operation
No.	Template Name	Stage Number	Create Time			
1	setting	1	2019-04-04 16:29:14			
2	mini-car setting	1	2019-04-04 16:26:50			
3	Moto setting	1	2019-04-04 16:28:29			
4	car setting	1	2019-04-04 16:25:31			
5	wear24	1	2019-04-04 16:24:45			

Execute ✕

Add Device :

IMEI	Model	Account	Operation

[Send Command](#)

4.12.2 Batch working mode

Each operation of *Set Working Model* in bulk(in *Device* module) is considered as a batch operation, system generates a record for this operation in this datagrid. The record includes following fields: Batch No. ,Template Name, Device Qty, Send Time and a link navigates to *Synchronize Working Mode* to view details of operated devices.

Command Type		Synchronize Work Mode Task					
Working Mode Template		Batch No.:	Template Name:	Q Search			
Synchronise Working Mode Task		No.	Batch No.	Template Name	Device Qty	Send Time	Operation
Synchronise Working Mode		1	20180425090218860	templeate2	3	2018-04-25 17:02:38	View Detail
Sending Command Task		2	20170922144722343	mytempleate	2	2017-09-22 14:47:00	View Detail

In this example, there are 2 devices operated in this synchronize working mode operation, Batch

No. is 20170922144722343, because the device is offline, the command(Set Working Mode is a special command) is pending, therefore, there is no start time and end time.

No.	Batch No.	IMEI	Current stage	Start Time	End Time	Sync Mode	Status	Operation
<input type="checkbox"/>	1	2017092214472234 3	658974568945648	1			Timing Mode Offline	View
<input type="checkbox"/>	2	2017092214472234 3	658974568945650	1			Timing Mode Offline	View

Click view for details.

Working Mode Detail [X]

Command Name: mytemplate
Timing Mode(Check cycle)

Sync Cycle: 1day 11ms Wait for execution
Sync Time: 14:40

Time Limitation: 10day

Click *Cancel Command/Cancel All Command* button to cancel fail/pending command.

4.12.3 Working Mode Status

4.12.4 Batch Command

Send Command in bulk(in *Device* module) generates a record in *Sending Command Task* datagrid, click *View Detail* link, the detail operated devices will be shown in *Sending Command* datagrid. Command can be canceled and exported in the details datagrid.

Command Type		Sending Command Task							
Working Mode Template	Batch No.: <input type="text"/> Command Name: <input type="text"/> <input type="button" value="Search"/>								
Synchronize Working Mode Task									
Synchronize Working Mode									
Sending Command Task									
Sending Command									
Command Template									
No.	Batch No.	Command Name	Device Qty	Start Time	End Time	Create Time	Sender	Actions	
1	1460362485902033	SOS setting	3	2018-04-25 17:44:00	2018-05-25 17:44:00	2018-04-25 17:35:22	admin	View Detail	
2	105703950277644	Family number	1	2018-04-13 15:42:00	2018-05-13 15:42:00	2018-04-13 15:41:44	test123	View Detail	
3	8126324952561300	Rapid Acceleration Alarm	1	2018-02-09 18:22:00	2018-03-11 18:22:00	2018-02-09 18:20:22	starcy	View Detail	
4	8126258665594565	Rapid Acceleration Alarm	1	2018-02-09 18:21:00	2018-03-11 18:21:00	2018-02-09 18:19:16	starcy	View Detail	
5	812624255481910	Rapid Acceleration	1	2018-02-09	2018-03-11	2018-02-09	starcy	View Detail	

Command Type		Sending Command										
Working Mode Template	IMEI: <input type="text"/> (Press Enter for multiple lines) Batch No.: <input type="text"/> 14603624859082033 Status: <input type="text"/> Please select <input type="button" value="Search"/>											
Synchronize Working Mode Task	<input type="button" value="Cancel Command"/> <input type="button" value="Cancel All Command"/> <input type="button" value="Export"/>											
Synchronize Working Mode												
Sending Command Task												
Sending Command												
Command Template												
<input type="checkbox"/>	No.	Batch No.	Command Name	Command Type	Command	Send Time	IMEI	Status	Result	Platform	Sender	Create Time
<input type="checkbox"/>	1	14603624859082033	SOS setting	Offline	SOSA,1,2,3 #	2018-04-25 17:44:00	351606081044484	Unsent		WEB	admin	2018-04-25 17:35:22
<input type="checkbox"/>	2	14603624859082033	SOS setting	Offline	SOSA,1,2,3 #	2018-04-25 17:44:00	201711076966635	Unsent		WEB	admin	2018-04-25 17:35:22
<input type="checkbox"/>	3	14603624859082033	SOS setting	Offline	SOSA,1,2,3 #	2018-04-25 17:44:00	201711078523578	Unsent		WEB	admin	2018-04-25 17:35:22
<input type="button" value="10"/> <input type="button" value="1"/> <input type="button" value="Go"/>												

4.12.5 Command Status

4.12.6 Command Template

Command template is a new function supports to configure several different commands in a template and send to specified devices list, the command will be send to selected device respectively. Each account allow to create up to 5 command templates. User should select *Model* first, then add commands, provide value for parameter and save it.

Command Type		Command Template									
Working Mode Template	<input type="button" value="GT06N"/> <input type="text" value="3"/> <input type="button" value="x"/> <input type="button" value="+"/> New Command Template Remove Template										
Synchronize Working Mode Task	Model: <input type="text" value="GT06N"/>										
Synchronize Working Mode	Command1: <input type="text" value="User defined command"/> <input type="text" value="status#"/> <input type="text" value="Parameter 2"/> <input type="text" value="Parameter 3"/> <input type="button" value="+"/> Add Command <input type="button" value="x"/> Remove Command										
Sending Command Task											
Sending Command											
Command Template											
		<input type="button" value="Save"/> <input type="button" value="Send Command"/> <input type="button" value="x"/>									

After save the template, user selects devices and click *Send Command* button, a new window pops up to show the execution results, mouse over on the information icon to view the details of return results from device.

