# IMI

## **JC400 Series Operator's Manual**

## IUJL

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## **Chapter 1 Introduction**

## 1.1 Description

JC400 series AIVision cams use 4G network for communication. For these dual-channel digital video recorders (DVRs), except to be able to record simultaneously, the two cameras can also record locally and live stream remotely at the same time. The front-facing HD camera is used for real-time recording; while the cabin-view camera with IR LED for monitoring at night time. Combined with DMS, driving behavior analysis, multiple alert options, and much more, they can assist the management in monitoring the vehicle condition and the driver's behavior at any time. This is very useful to coach driver's behavior, improve management efficiency, and lower operation cost, making JC400 series an ideal option for remotely managing ridesharing, rental, public, government, and enterprise fleets.

## **1.2 Main Features**

- Remote video surveillance and GPS-based positioning and tracking
- SOS alert
- Dangerous driving behavior analysis
- DMS-based driver fatigue pre-warning (optional)
- Dual-channel simultaneous and loop video recording
- Remote pictures and videos obtainment
- Auto upload of event videos
- Real-time remote monitoring
- Viewing and playback of history footages
- Remote fuel/power cutoff

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## Chapter 2 Hardware

## 2.1 Appearance



Product Model	JC400/JC 400D
Camera	1920x1080/25FPS/F2.0/Full color

## 2.1.1 Subcameras

Product Model	JC400P	Integrated Version
Camera	Built-in/1280x720/15FPS/F2.0/Full color in daytime and monochrome in dim light/No remote camera	
Usage	Monitor the cabin	

Product Model	JC400	Remote Cabin-View Version
Camera	Remote AHD camera/1280x720/15FPS/F2.0/Full color in daytime and monochrome in dim light	
Usage	Monitor the cabin	

		וחזר
Product Model	JC400D	DMS Version
Camera	Remote AHD camera/1280x720/15FPS/F2.0/Monochrome all day	
Usage	Monitor the driver's head	

Refer to the specifications and features of the product model you purchased. If you have any questions, please contact your supplier.

## 2.1.2 LEDs

LED	Color	Connotation	Status	
		Solid on	Device powered on (ACC ON)	
Power (PWR) LED	Red	Blink every 10s	Device in sleep (ACC OFF)	
		Off	No power connected	
		Solid on	GPS signal normal	
GPS LED	Green	Blink every 1s	Searching for GPS satellites	
		Off	Device in sleep (ACC OFF)	
		Solid on	Network healthy	
CDDSLED	Dhua	Dlink aromy 1a	Network error	
GPKS LED	Blue	Blink every 1s	No SIM	
		Off	Device in sleep (ACC OFF)	
		Fast blink for 30s	Vibrating alert triggered	
Defense LED	Blue	Blink every 10s	Defense on	
		Off	Defense off	

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## 2.2 Interfaces



Cable	Definition	on Color/Interface Usage	
	B+	Red	To battery positive (9–30V), power input
D	GND	Black	To battery negative, power input
Power	ACC	Yellow	To ACC ON/Positive (9–30V), power input
	Relay	Green	To relay for remote power and fuel cutoff
	RX	Dark blue	To peripheral for receiving signals
D222	ТХ	Purple	To peripheral for transmitting signals
R232	5V	Sky blue	To 5V supply for powering the peripheral
	GND	Gray	To negative for powering the peripheral
SOS	SOS	Interface	To the external SOS key
Cam	Remote camera Interface		Monitor the cabin. It is optional.
Battery	External battery	Interface	To provide 450mAh backup battery for the device to protect it against power outage resulted from sudden power disconnection.

## 2.3 Installation

This chapter illustrates the following content: attach SIM and TF cards and install the main unit and the subcameras (remote AHD camera and DMS camera). For details about installation procedure, see *JC400 Series AIVision Cam User Manual*.

## 2.3.1 Relay

The wiring diagram is as follows:

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## **Chapter 3 Configuration Details**

## 3.1 Tracksolid Login and Logout

## 3.1.1 Login

**Note:** The account and password for Tracksolid (the platform) is provided by the supplier or operator.

A test account that contains 15 languages is offered to showcase all features on Tracksolid.

Tracksolid	
Account	•
Remember me Forgot password? English V Demo >	
•	
Terms of Service   Privacy Policy	

You can scan the QR code or click App Store or Google play to download Tracksolid to your mobile.



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## 3.1.2 Logout

Go to Settings and click Logout on the upper right corner of the interface.



## **3.2 Account Overview**

The **Dashboard** (as follows) presents the overall information of the entire platform and offers some shortcuts for quick access.



## 3.2.1 Recharge Card

### Use of the card

The following tab allows you to recharge devices in batch or pay for a specific device by IMEI.

Import &	Import & Recharge Transfer Recharge Card								
Operatio Time :	n			Account:					
IMEI:				Card Type:	All		*	Q Search	
Rechar	rge Import Device								
No.	Operation Time	Account	IMEI	Car	d Type	Card Balance		Remark	
			Ą	No data found.					

### Transfer of the card

The following tab enables you to transfer a recharge card to another account.

				Cisplay this tab by dei
		Please	No recharge card. contact superior user to add recharge card for you.	
mport & Recharge	ransfer Recharge Card			
peration Time :				
ard Type : All		▼ From Account :		
peration Type : All		▼ To Account :	Q Search	
New Transfer				

### 3.2.2 Mi Coin

#### **Import & Renewal**

Go to Account Details > Mi Coins > Import & Renew and the following interface appears.

Import 8	Renew Transfer Mi Coi	ns			
Operatio Time :	n 2020-06-27	2020-07-27	IMEI:		Q Search Clear
Import	Device Renew Device				
No.	Operation Time	Total Price	Mi Coins Balance	Remark	Actions
1	2020-07-08 10:36:33	56	4		Detail
			20 • < 1 > Go	D	

Specify **Operation Time** and **IMEI** and click **Search**. On this tab, you can import the renewal file for multiple devices or renew a specific device.

### **Transfer of Mi Coins**

This tab enables you to transfer Mi Coins in one account to another.

Mi Coins	Balance: 4	ns						
From Account:				To Account:				
Operation Time:	2020-06-27	2020-07-27		Operation Type:	All		• Q Search	
New Trans	sfer							Total transfer: 0 Mi Coir
No.	Operation Time	From	То		Amount	Mi Coins Balance	Operation Type	Remark
1	2020-07-08 10:05:21		test-on		60	60	System Deposit	王峰申请设备导入
				20 🔻 <	1 >	Go		

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## 3.3 Device Management

Account	All Device	s								
All Accounts Expiration	IMEI(Pr	ess Enter for mult	ple lines)	Device Na	ne	All Models 🔹 🔻	Sub-account devi	ces Q Search	Advanced -	Reset
Customer Name/Account Q										_
demo(Stock27/Total60)	Edit(xls)	Upload Images	Bulk Sell Export	Export All Send C	ommand Set V	Vorking Mode Disabl	e Enable Set F	uel Tank Vol. Imp	ort Device Recharg	е
📤 hamid(1/1)	Update L	ser Expiration								
🚢 jayesh ja(1/1)	No.	Account	Device Name	IMEI	Model	Activated Date SI	M E	piration Date(P)	Expiration Date(U)	Status
📤 ko kyaw line(4/4)	1	test123	GT310-17219	355087090017219	GT310	2018-04-21	20	)19-04-21	2019-04-21	Enabled
Laaaa(5/5)	2	test123	GT800-94146	351510090194146	otrochile	2018-04-20	20	)19-04-21	2019-04-21	Enabled
Ietamily(3/3) Miely-X1(3/4)		test123	GK310-53927	358739051453927	GK310	2018-04-20	20	)19-04-21	2019-04-21	Enabled
Moley (13/4) Mohammad Ali Mollah(0/4)		test123	GT08-58877	261777000959977	GT08	2018-04-20	20	110-04-21	2010-04-21	Enabled
Norman Test(3/3)		100(120	Websels Lite 00740	252522222	Water als Lite	2010 04 20	20	40.04.24	2010/04/21	Cashied
PinPark Test (7/7)	_ 5	test123	Wetrack Lite-96/19	352503090496719	Wetrack Lite	2018-04-20	20	19-04-21	2019-04-21	Enabled
💄 pmbrastreamento veicular(1/1)	6	test123	GT310-65250	868120181465250	GT310	2018-04-19	20	19-04-20	2019-04-20	Enabled
RA. SETIAWAN(0/0)	7	test123	GT06E-54440	351608082554440	GT06E	2018-04-18	20	)19-04-19	2019-04-19	Enabled
riyantoagus23(4/4)	8	test123	MT200-61359	351777090461359	QBIT	2018-04-18	20	19-04-19	2019-04-19	) habled
tucompras(1/1)	9	test123	GT800-78089	351510090278089	otrochile	2018-04-12	20	19-04-12	2019-04-12	Enabled
	10	test123	GT800-85984bbbb	351510090285984	otrochile	2018-04-12	20	)19-04-13	2019-04-13	Enabled 🗸

As the above figure shows, the **Device** interface offers the following features:

- Import devices: This enables you to import devices into the platform by license code or recharge card, after which you can start to use the platform to track your devices.
- Search for devices: This enables you to search for devices by different criteria. The **Expiration** tab on the left enables you to search for expired or expiring devices.
- View/edit device: These enable you to view and edit tracking devices, such as basic information, alert settings, and more. Tracksolid enables you to update device information by Excel files.
- Move device: The platform enables you to move devices in batch to a subaccount.
- Export device: This enables you to export information about selected devices or devices that meet your filtering criteria as an Excel file.
- Send command/set work mode: These enable you to synchronize commands or work modes to devices.
- Enable/disable devices: These enable you to stop or resume the operation of devices.
- Recharge devices: This enables you to renew devices by license or recharge card.

### **3.3.1** Importing Devices

DVRs must be imported before you can control them via Tracksolid. The platform enables you to import devices by Mi Coin, by recharge card, or by license.

### 1. By Mi Coin

Click **Import Device** and **By Mi Coins** and select a product model and service type to view the unit price. JC400 is used as an example in this case. Then select the account to import and the application scenario, enter IMEIs of the devices to import, and click **OK**.

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By Mi Coins	by Card by License	By Mi Coins	by Card by License	
Model: *	Please select 🗸	Model: *	JC400	/
Service Type:*	Please select *	Service Type:*	Import (First Year)	v
Unit Price:	Please select model and service type	Unit Price:	12 Mi Coins/Unit	
To account :	TEST-ON 👻	To account :	TEST-ON	•
Application:	┍┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍ ┍	Application:	은 해 및 슈 슈 문 Z Allow to be bound by App account	
IMEI:	Allow to be bound by App account	IMEL		
	Total: 0 Mi Coins		Total: 0 Mi Coins	
	o	Cancel		OK Cancel

### 2. By recharge card

Click **by Card**, select the card type, product model, and application scenario, enter IMEIs of devices to import, and then click **OK**.

Import Device		×
by Card by Lic	ense	
Card Type:	Please select	
Application	Please select	
Application.	Import(Annual) Card(3)	NO 2
Model:	Import(Lifetime) Card(3)	
IMEI:		
	Total: 0	
		Ok Cancel

### 3. By license code

Click **by License**, download the template, select the application scenario and product model, import the filled-out template file, and click **OK**.

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Import Device	×
by Card by License	
Template file: O Download the template	
Application: 🔗 ඹෙටු බූ රෝ මේ ම් සි	
Model: Please select	
Select file: Elected	
1)IMEI must be 15 digits, not blank.;	
2)The maximum rows of imports is 1000 for each time;	
Ok Can	cel

The following figure is a fragment of the template file:

	A	В	C	D	E	F	
	*IMEI	*License	Chip ID	Motherboard software version number	Secondary board software version number	Motherboard hardware version number	Secondary
2	111112222233333	erfzds123412r4ewr214242dfgdr21					
3							
4							
5							

### Note:

If the AMS validation error prompts, you are advised to re-confirm the validity of the IMEIs with your supplier or a customer service engineer to make sure that these IMEIs have already existed in the AMS.

## 3.3.2 Searching for Devices

You can search for devices via the common mode or advanced mode. An additional way to search for expiring or expired devices is via the **Expiration** tab.

Account	All Device	\$						
All Expiration	IMEI(Pre	ess Enter for multip	le lines)	Device Name	All Models	V Sub-account devices	Q Search Advanced - Reset	
Customer Name/Account Q	Edit(xls)	Upload Images	Sell/Move Export Exp	ort All Send Command	Set Working Mode	Disable Enable Set Fuel Tank	Vol. Import Device Recharge Up	date User Expiration
TEST-ON(Stock438/Total474)	No.	Account	Device Name	IMEL	Model	Activated Date SIM	Subscription Expiration	Expiration Di
A B 0/0)								
CQtest(0/0)	1	test-on	G JC400D-07405	353376110007405	JC400D	2020-07-28	2021-07-28	2021-07-28
📥 - (0/0)	2	test-on	JC100-14363	357730090214363	JC100	2020-07-25	2021-07-26	2021-07-26
▲ DVR测试组专用(15/15)	3	test-on	JC400-97864	357730090697864	JC400	2020-07-22	2021-07-23	2021-07-23
📥 hcsj(3/3)	4	test-on	□ JC400-41370	353376110041370	JC400	2020-07-21	2021-07-22	2021-07-22
IPRO(1/1)		test-on	JC400-00814	353376110000814	JC400	2020-07-21	2021-07-22	2021-07-22
📤 jc400dms(9/9)				55576776555074				
localizagt(1/1)	6	test-on	JC400-24376	353376110024376	JC400	2020-07-21	2021-07-22	2021-07-22
📤 luis(0/0)	7	test-on	AT6-20938	353549090720938	AT6	2020-07-17	2021-07-17	2021-07-17
📥 MTEST(0/0)	8	test-on	AE 1200 BB	353549090337592	AT6	2020-07-14	2021-07-15	2021-07-15
OTA(3/3)	9	test-on	LLD1-01669	865282040001669	LL01	2020-07-14	2021-07-15	2021-07-15
Shenzhen 123(1/1)	10	test-on	JC400-97252	357730090697252	JC400	2020-07-13	2021-07-14	2021-07-14

#### 1. Search by common mode

In common mode, you can search for a device(s) by IMEI(s), device name, product model, and subaccount devices.

Devices							
IMEI(Press Enter for multiple lines)	Device	Name	All Models	V Sub-accou	unt devices Q Se	earch Advanced •	Reset
	Command	Set Working Mode	Disable Device	Enable Device	Set Fuel Tank Vol.	Import Device Re	charge
		Model	Activated Date	SIM	Expiration Date(	P) Expiration Da	te(U) Stati
	078226020	WETRACK2	2018-01-04		2019-01-05	2019-01-05	Enat

Note: You can search for a device by entering the last 5-digit of its IMEI only.

### 2. Search by advanced mode

The advanced mode enables you to search for devices by more refined criteria. The following figure shows the advanced search mode interface, see the Tracksolid operation guide for setting details.

All Device	15													
IMEI(Pre	ess Enter for multi	ple lines)	Device N	lame	All Models	Sub-acco	unt devices Q Search	Advanced +	Reset					
License	License Plate NO. VIN		SIM											
Activated	Activated Date		End time		Application: 🙈 🚚		******	සි යේ ක ම						
Expiratio	in v	Activation State	Bound State 🔻	Model 🔻	All Groups 🔹									
Edit(xls)	Upload Images	Bulk Sell Export	Send Command	Set Working Mode	Disable Device	Enable Device	Set Fuel Tank Vol. Imp	oort Device Recharge	Update E	xpiration				
No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Expiration Date(P)	Expiration Date(U)	Status	Group	Actio	ins		
1	darcy	6020	201711078226020	WETRACK2	2018-01-04		2019-01-05	2019-01-05	Enabled	Default	Edit	Sell	Monitor	Mor
2	darcy	WETRACK2-26019	201711078226019	WETRACK2	2018-01-04		2019-01-05	2019-01-05	Enabled	Default	Edit	Sell	Monitor	Mor
3	darcy	6866	201711078226866	C6	2017-12-05		2019-12-06	2019-12-06	Enabled	Default	Edit	Sell	Monitor	Mor
4	darcy	C6-26865	201711078226865	C6	2017-12-05		2018-12-06	2018-12-06	Enabled	Default	Edit	Sell	Monitor	Mor

### 3. Search via the Expiration tab

Click **Expiration** tab on the left to search for and filter devices by subscription or expiration status, as the following figure shows.

Tracksolia?	Dashboard	A Device	🖶 Account 🛛 🖽 Monitor	📴 Geo Fence	N Video	🙈 Fleet	٩						🐗 Command 🛛 🗑 I	Hello , test-on Help <b>0</b> \$ Settings
Account	Subscript	ion Expiration	<ul> <li>Expiring Soon</li> </ul>	▼ 30 Days		Sub-acc	count devices							
All Expiration	D Export													
Subscription Expiration 💌	No.	Account	Device Name	IMEI	Model	/	Activated Date	SIM	Subscription Expiration	Expiration Date(U)	Status	Group	Actions	
Expiring Soon 💌	01	test-on	GV20-40482	359857082240482	GV20	2	019-08-26		2020-06-27(Expires in 30 days)	2020-08-27(Expires in 30 days)	Enabled	201~250	Edit Sel/Move	Monitor More
30 Days 💌	2	test-on	X5-05055	351510091305055	X5	2	019-08-22		2020-08-23(Expires in 26 days)	2020-08-23(Expires in 26 days)	Enabled	201~250	Edit Sel/Move	Monitor More
TEST-ON(Expiring Soon36/Total474)	3	test-on	X5-05303	351510091305303	X5	2	019-08-22		2020-08-23(Expires in 26 davs)	2020-08-23(Expires in 26 days)	Enabled	201~250	Edit Sel/Move	Monitor More

## 3.3.3 Viewing and Editing Devices

All devices are listed in the datasheet on Tracksolid by default. The **All** tab on the left displays the complete inventory and you can view device details by IMEI.

								Jí	'n
Account	All Devices	5							
All Expiration	IMEI(Pre	ss Enter for multip	ole lines)	Device Name	All Models	✓ Sub-account devices	Q Search Advanced + Reset		
Customer Name/Account Q	License	Plate No.	VIN	SIM					
TEST-ON(Stock438/Total474)	Activated	Date 💌	Start Time	End time	Application: 🖨		田名东处第24年初の		
	Expiration	n v	Activation State v Bo	und State v Model	All Groups	v			
<ul> <li>Catesi(00)</li> <li>(0)</li> </ul>	Edit/vie)	Liniand Impage	Rolling Event Even	ort All Road Command	Pat Working Mode	Disable Enable Ret Evel Tank 1	Vel Import Davice Reshares Lie	tata Llear Evolration	Indian Potting
📥 DVR测试组专用(15/15)	Euli(XIS)	opidad images	Selimore Export Exp	Send Command	Set Working Mode	Disable Enable Set Poer fails	voi. Import Device Recharge Opt	Date Oser Expiration	nung setung
🚨 hcsj(3/3)	No.	Account	Device Name	IMEI	Model	Activated Date SIM	Subscription Expiration	Expiration Date(U)	Status
IPRO(1/1)	6	test-on	JC400-43335	353376110043335	JC400	2020-07-07	2021-07-08	2021-07-08	Enabled
Ic400dms(9/9)	07	test-on	JC400-22776	353376110022776	JC400	2020-07-07	2021-07-08	2021-07-08	Enabled
localizagt(1/1)		last on	10400.38374	252276110026271	10400	2020.07.08	2021-07-07	2021-07-07	Enabled
Luis(0/0)		test-on	8, 10,100,10075	353510110020371	10,400	2020-07-00	2021-07-07	2021-07-07	Enabled
<ul> <li>OTA(3/3)</li> </ul>	a	test-on	u JC400-40075	353376110040075	JC400	2020-07-06	2021-07-07	2021-07-07	Enabled
Shenzhen 123(1/1)	10	test-on	JC400-18840	353376110018840	JC400	2020-07-02	2021-07-03	2021-07-03	Enabled
	11	test-on	0 99999	353376110016232	JC400	2020-07-01	2021-07-02	2021-07-02	Enabled
📤 ·····	12	test-on	JC400-18899	353376110018899	JC400	2020-07-01	2021-07-02	2021-07-02	Enabled
▲ 1/1)	13	test-on	JC400-22735	353376110022735	JC400	2020-06-19	2021-06-20	2021-06-20	Enabled
zhenshi1(1/1)	14	test-on	JC400-20150	353376110020150	JC400	2020-06-19	2021-06-20	2021-06-20	Enabled
	15	test-on	G JC400-27080	353376110027080	JC400	2020-06-18	2021-06-18	2021-06-18	Enabled
	16	test-on	D JC400-26983	353376110026983	JC400	2020-06-18	2021-06-19	2021-06-19	Enabled
	17	test-on	D JC400-17339	353376110017339	JC400	2020-06-17	2021-06-18	2021-06-18	Enabled
	18	test-on	D JC400-36149	353376110036149	JC400	2020-06-02	2021-06-03	2021-06-03	Enabled
	19	test-on	D JC400-36230	353376110036230	JC400	2020-05-28	2021-05-29	2021-05-29	Enabled
	20	test-on	JC400-34086	353376110034086	JC400	2020-05-19	2021-05-20	2021-05-20	Enabled
						20 • < 1 2	> G0		

Drag your cursor to Actions following a device, then you can edit its details, sell or move it to another, playback its trips, configure commands, view alert details, etc. < All Dev

All Expiration	IMEI(Pres	s Enter for multipl	e lines)	Device Name	All Models	✓ Sub-account device	BS Q Search Advan	ced - Reset					
Customer Name/Account Q	Edit(xis)	Upload Images	SellMove Export Exp	ort All Send Command	Set Working Mode	Disable Enable Set Fue	al Tank Vol.   Import Device	Recharge Update User Ex	piration Binding Setting	Set Group			
TEST-ON(Stock438/Total474)	No.	Account	Device Name	IMEI	Model	Activated Date S	SIM Subs	cription Expiration Expirati	on Date(U) Status	Group	Action		
Catest(00)	<b>2</b> 1	test-on	D JC400D-07405	353376110007405	JC400D	2020-07-28	2021-0	7-28 2021-07-2	8 Enabled	Default	Edit Sel	Playback	More
🔺 · · ·····/0)	2	test-on	JC100-14363	357730090214363	JC100	2020-07-25	2021-0	7-26 2021-07-2	5 Enabled	Default	Edit Sel	Trips	More
▲ DVR期該進专用(15/15)	3	test-on	JC400-97864	357730090697864	JC400	2020-07-22	2021-0	7-23 2021-07-2	3 Enabled	Default	Edit Sel	Command	More
hcsj(3/3)	4	test-on	D JC400-41370	353376110041370	JC400	2020-07-21	2021-0	7-22 2021-07-2	2 Enabled	Default	Edit Sel	Geo Fence	More
IPRO(1/1)	<u> </u>	test-on	JC400-00814	353376110000814	JC400	2020-07-21	2021-0	7-22 2021-07-2	2 Enabled	Default	Edit Sel	Alerts	More
localizagt(1/1)	6	test-on	JC400-24376	353376110024376	JC400	2020-07-21	2021-0	7-22 2021-07-2	2 Enabled	Default	Edit Sel	Unbundling	More
luis(0/0)	7	test-on	AT6-20938	353549090720938	AT6	2020-07-17	2021-0	7-17 2021-07-1	7 Enabled	Default	Edit Sel	Move Monitor	More
MTEST(0/0)	8	test-on	AE 1200 BB	353549090337592	AT6	2020-07-14	2021-0	7-15 2021-07-1	5 Enabled	Default	Edit Sel	Move Monitor	More
OTA(3/3)	9	test-on	LL01-01669	865282040001669	LL01	2020-07-14	2021-0	7-15 2021-07-1	5 Enabled	Default	Edit Sel	Move Monitor	More
Snenzhen123(1/1)	10	test-on	JC400-97252	357730090697252	JC400	2020-07-13	2021-0	7-14 2021-07-1	4 Enabled	Default	Edit Sel	Move Monitor	More
▲	11	test-on	V121-08329	358735079808329	V121	2020-07-09	2021-0	7-10 2021-07-1	D Enabled	Default	Edit Sel	Move Monitor	More
1/1)	12	test-on	V121-09575	358735079808675	V121	2020-07-09	2021-0	7-09 2021-07-0	9 Enabled	Default	Edit Sel	Move Monitor	More
2henshi1(1/1)	13	test-on	V121-08402	358735078608402	V121	2020-07-08	2021-0	7-09 2021-07-0	9 Enabled	Default	Edit Sel	Move Monitor	More
	14	test-on	V121-08667	358735078608667	V121	2020-07-08	2021-0	7-09 2021-07-0	9 Enabled	Default	Edit Sel	Move Monitor	More
	15	test-on	V121-08238	358735079608238	V121	2020-07-08	2021-0	7-09 2021-07-0	9 Enabled	Default	Edit Sel	Move Monitor	More
	16	test-on	V121-08386	358735078608386	V121	2020-07-08	2021-0	7-09 2021-07-0	9 Enabled	Default	Edit Sel	Move Monitor	More

#### Edit ullet

Account

Click Edit and the following dialog appears, where four tabs are available for you to set or modify relevant information. See the Tracksolid operation guide for details.

				וחזר
Device Detail				×
Basic Information	Other Information Alerts	Sensors		<b>^</b>
Device IMEI :	353376110007405	Model :	JC400D	
Device Name :	JC400D-07405	SIM :		
Group :	Default Group 💌	+ Activated Date :	2020-07-28	
Application :	<b>.</b>	Subscription Expira	2021-07-28	
ICCID :	89860119801273853572	IMSI :	460018228519131	
Sales Time :		Import Time :	2020-07-28	
Expiration Date(U) :	2021-07-28	Binding :	shichuan_105@163.con	
Remark :				
Fuel Tank Information	1			
Fuel Tank Shape:	🔾 Cube 🔘 Horizontal 🔘	Irregular		
	Length 50		СМ	*
				Save Cancel

## 3.3.4 Transferring Devices Out

Devices can be transferred from one account to another.

To this end, you can click **Sell/Move** and the following dialog appears. Enter the IMEIs of devices to be moved out in **Selected devices** list, select an account in **Sell to** list, and click **Sell** to complete, see the Tracksolid operation guide for details.

ected devices : 1				Sell to :	
IMEI(Press Enter for m	ultiple lines)			Customer Name/Account	Q 1
IMEI 353376110007405	Model JC400D	Account test-on	Actions Delete	▼ ▲ TEST-ON ▲ CQtest ▲ CQtest ▲ DVR测试组专用 ▲ hcsj ▲ IPRO ▲ jc400dms ▲ localizant	
				<ul> <li>Iuis</li> <li>MTEST</li> <li>OTA</li> </ul>	Ţ

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Sell/Move	Sell/Move
Selected devices : 1	Selected devices : 1
357730090214363	IMEI(Press Enter for multiple lines)
35//3009069/864 353376110041370	IMEI Model Account Actions
	353376110007405 JC400D test-on Delete
Total : 3 Add Cancel	Not Limit
	1 Month
	2 Months
	6 Months
User Expiration : Not Limit   Clear	User Expiration : 2 Months A Clear

## 3.3.5 Exporting Devices

Tracksolid allows users to export information of up to 5000 devices (IMEIs) as an Excel file. Select devices of your requirement and click **Export** or click **Export All**. Then an Excel file containing relevant information is downloaded to the local.

All Device	5											
IMEI(Pre	ess Enter for multip	ole lines)	Device Name	All Models	✓ Sub-account	devices Q	Search Advanced - Reset					
Edit(xis)	Upload Images	Sell/Move Export	Export All Send Command	Set Working Mode	Disable Enable S	et Fuel Tank Vol.	Import Device Recharge Up	date User Expiration	Binding Setting	Set Group		
No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(L	l) Status	Group	Actions	
1	test-on	D JC400D-07405	353376110007405	JC400D	2020-07-28		2021-07-28	2021-07-28	Enabled	Default	Edit SelVMove N	fonitor More
2	test-on	JC100-14363	357730090214363	JC100	2020-07-25		2021-07-26	2021-07-26	Enabled	Default	Edit Sel/Move M	fonitor More
3	test-on	JC400-97864	357730090697864	JC400	2020-07-22		2021-07-23	2021-07-23	Enabled	Default	Edit SelVMove M	Ionitor More
4	test-on	g JC400-41370	353376110041370	JC400	2020-07-21		2021-07-22	2021-07-22	Enabled	Default	Edit Sel/Move M	fonitor More
5	test-on	JC400-00814	353376110000814	JC400	2020-07-21		2021-07-22	2021-07-22	Enabled	Default	Edit Sel/Move M	fonitor More
6	test-on	JC400-24376	353376110024376	JC400	2020-07-21		2021-07-22	2021-07-22	Enabled	Default	Edit Sel/Move M	fonitor More
7	test-on	AT6-20938	353549090720938	AT6	2020-07-17		2021-07-17	2021-07-17	Enabled	Default	Edit SelVMove M	fonitor More

-	a A	В	C	D	E	F	G	H		J	K
1	Account	Customer Name	Device Name	IMEI	Model	Activated Date	Sales Time	SIM	subscription Expiration	User Expiration Date	Group
2	test-on	TEST-ON	JC400D-07405	353376110007405	JC400D	2020-07-28			2021-07-28	2021-07-28	Default Group
3	test-on	TEST-ON	JC100-14363	357730090214363	JC100	2020-07-25			2021-07-26	2021-07-26	Default Group
4	test-on	TEST-ON	JC400-97864	357730090697864	JC400	2020-07-22			2021-07-23	2021-07-23	Default Group
5	test-on	TEST-ON	JC400-41370	353376110041370	JC400	2020-07-21			2021-07-22	2021-07-22	Default Group
6	test-on	TEST-ON	JC400-00814	353376110000814	JC400	2020-07-21			2021-07-22	2021-07-22	Default Group
7	test-on	TEST-ON	JC400-24376	353376110024376	JC400	2020-07-21			2021-07-22	2021-07-22	Default Group
8	test-on	TEST-ON	AT6-20938	353549090720938	AT6	2020-07-17			2021-07-17	2021-07-17	Default Group
9	test-on	TEST-ON	AE 1200 BB	353549090337592	AT6	2020-07-14	2020-07-17		2021-07-15	2021-07-15	Default Group
10	) test-on	TEST-ON	LL01-01669	865282040001669	LL01	2020-07-14	2020-07-17		2021-07-15	2021-07-15	Default Group
11	1 test-on	TEST-ON	JC400-97252	357730090697252	JC400	2020-07-13			2021-07-14	2021-07-14	Default Group
12	2 test-on	TEST-ON	V121-08329	358735078608329	V121	2020-07-09			2021-07-10	2021-07-10	Default Group
13	3 test-on	TEST-ON	V121-08675	358735078608675	V121	2020-07-09			2021-07-09	2021-07-09	Default Group
14	test-on	TEST-ON	V121-08402	358735078608402	V121	2020-07-08			2021-07-09	2021-07-09	Default Group
10	5 tort on	TEST ON	W121 08667	368736078608667	W121	2020 07 08			2021 07 09	2021 07 09	Default Group

## ו<mark>חזר</mark>

All Device	5										
IMEI(Pre	ss Enter for multip	ole lines)	Device Name	All Models	✓ Sub-account device	es Q Search Advanced -	Reset				
Edit(xls)	Upload Images	Sell/Move Export	Export All Send Command	Set Working Mode	Disable Enable Set Fue	el Tank Vol.   Import Device   Recharge	Update User Expiration	Binding Setting	Set Group		
🗌 No.	Account	Device Name	IMEI	Model	Activated Date 5	SIM Subscription Exp	iration Expiration Date(U	) Status	Group	Actions	
2	test-on	JC100-14363	357730090214363	JC100	2020-07-25	2021-07-26	2021-07-26	Enabled	Default	Edit Sel/Move Monitor	More
3	test-on	JC400-97864	357730090697864	JC400	2020-07-22	2021-07-23	2021-07-23	Enabled	Default	Edit Sell/Move Monitor	More
4	test-on	D JC400-41370	353376110041370	JC400	2020-07-21	2021-07-22	2021-07-22	Enabled	Default	Edit Sel/Move Monitor	More
5	test-on	JC400-00814	353376110000814	JC400	2020-07-21	2021-07-22	2021-07-22	Enabled	Default	Edit Sel/Move Monitor	More
6	test-on	JC400-24376	353376110024376	JC400	2020-07-21	2021-07-22	2021-07-22	Enabled	Default	Edit Sel/Move Monitor	More
7	test-on	AT6-20938	353549090720938	AT6	2020-07-17	2021-07-17	2021-07-17	Enabled	Default	Edit Sel/Move Monitor	More
8	test-on	AE 1200 BB	353549090337592	AT6	2020-07-14	2021-07-15	2021-07-15	Enabled	Default	Edit Sel/Move Monitor	More
9	test-on	LL01-01669	865282040001669	LL01	2020-07-14	2021-07-15	2021-07-15	Enabled	Default	Edit Sel/Move Monitor	More
10	test-on	JC400-97252	357730090697252	JC400	2020-07-13	2021-07-14	2021-07-14	Enabled	Default	Edit Sel/Move Monitor	More
11	test-on	V121-08329	358735078608329	V121	2020-07-09	2021-07-10	2021-07-10	Enabled	Default	Edit Sel/Move Monitor	More
12	test-on	V121-08675	358735078608675	V121	2020-07-09	2021-07-09	2021-07-09	Enabled	Default	Edit Sel/Move Monitor	More
13	test-on	V121-08402	358735078608402	V121	2020-07-08	2021-07-09	2021-07-09	Enabled	Default	Edit Sel/Move Monitor	More
14	test-on	V121-08667	358735078608667	V121	2020-07-08	2021-07-09	2021-07-09	Enabled	Default	Edit Sel/Move Monitor	More
15	test-on	V121-08238	358735078608238	V121	2020-07-08	2021-07-09	2021-07-09	Enabled	Default	Edit Sel/Move Monitor	More
16	test-on	V121-08386	358735078608386	V121	2020-07-08	2021-07-09	2021-07-09	Enabled	Default	Edit Sel/Move Monitor	More
17	test-on	JC400-43335	353376110043335	JC400	2020-07-07	2021-07-08	2021-07-08	Enabled	Default	Edit Sell/Move Monitor	More
18	test-on	JC400-22776	353376110022776	JC400	2020-07-07	2021-07-08	2021-07-08	Enabled	Default	Edit Sell/Move Monitor	More
19	test-on	D JC200-84040	357730090484040	JC20 10	2020-07-06	2021-07-07	2021-07-07	Enabled	Default	Edit Sel/Move Monitor	More
20	test-on	JC400-26371	353376110026371	JC-10 30	2020-07-06	2021-07-07	2021-07-07	Enabled	Default	Edit Sell/Move Monito	4
				100		5 21 22 >	Go				

**Note:** If you hope to export the device information of subaccounts, select **Sub-account devices** before clicking **Export All**, as the following figure shows.

All Device	5								
IMEI(Pre	ss Enter for multij	ole lines)	Device Name	All Models	✓ ✓ Sub-account devices	Q Search Advanced - Reset			
Edit(xis)	Upload Images	Sell/Move Export	Export All Send Command	Set Working Mode	Disable Enable Set Fuel T	Tank Vol. Import Device Recharge Upo	date User Expiration Bi	nding Setting Set Group	
No.	Account	Device Name	IMEI	Model	Activated Date SIM	Subscription Expiration	Expiration Date(U)	Status Gro	up Actions
2	test-on	JC100-14363	357730090214363	JC100	2020-07-25	2021-07-26	2021-07-26	Enabled Defaul	t Edit Sell/Move Monitor More
3	test-on	JC400-97864	357730090697864	JC400	2020-07-22	2021-07-23	2021-07-23	Enabled Defaul	Edit Sell/Move Monitor More
4	test-on	□ JC400-41370	353376110041370	JC400	2020-07-21	2021-07-22	2021-07-22	Enabled Defaul	Edit Sell/Move Monitor More
5	test-on	JC400-00814	353376110000814	JC400	2020-07-21	2021-07-22	2021-07-22	Enabled Defaul	Edit Sell/Move Monitor More
6	test-on	JC400-24376	353376110024376	JC400	2020-07-21	2021-07-22	2021-07-22	Enabled Defaul	t Edit Sell/Move Monitor More
7	test-on	AT6-20938	353549090720938	AT6	2020-07-17	2021-07-17	2021-07-17	Enabled Defaul	Edit Sell/Move Monitor More
8	test-on	AE 1200 BB	353549090337592	AT6	2020-07-14	2021-07-15	2021-07-15	Enabled Defaul	Edit Sell/Move Monitor More
9	test-on	LL01-01669	865282040001669	LL01	2020-07-14	2021-07-15	2021-07-15	Enabled Defaul	Edit Sell/Move Monitor More

## 3.3.6 Sending Commands/Setting Work Mode

The system allows users to send commands and set the work mode online. A command will be executed immediately if the device receiving the command is online; otherwise, the command will be executed later after the device goes online.

To set the work mode is to change how often does a device upload GPS packets.

• Send Command

Commands include predefined commands and user-defined command.

### • Predefined Commands

Tracksolid enables users to configure various commands. Users can send a command to a device to perform a relevant action. The following figure shows the SOS command type as an example.

## اسال

end Command			Command T	Туре		
mmand Type :	SOS number	•	Command	t		
	SOS setting	Delete SOS nu	mber	-Command B	arameter	
	Number 1			Command	and Hecen	
	Number 2					
	Number 3					
	Description :	Sos number is use supports phone nu	d for SOS call and rec mber of 3-20 digits.	ceiving alarm.lt		
art/End Time :	2018-04-21 17:30:0	2018-05-	21 17:30:00			
elected device: 2	Comm	nand will be ignored	if devices do not supp	port it. Pending offline co	mmand will be o	verwritten.
MEI	Model	Account	Support?	Pending Command?	Actions	
01711078523578	GT06N	test123	Yes	No	Delete	
	07250	test123	Yes	Yes	Delete	
68120155010504	G1350					

### Note:

If a device does not support a command, then the command will be ignored.

### **User-defined Commands**

Users can deliver a command in correct format to the device, as the following figure shows.

Command Type :	User-defined	*			
	User defined co	ommand			
	User defined command	version#		0	
	Password :				
Start/End Time :	2018-04-21 17:30:0	0 2018-05-	21 17:30:00		
Start/End Time : Selected device: 2	2018-04-21 17:30:0 Cor	00 2018-05-	21 17:30:00	oport it. Pending offline c	ommand will be overwrit
Start/End Time : Selected device: 2	2018-04-21 17:30:0 Cor Model	00 2018-05- mmand will be ignor Account	21 17:30:00 ed if devices do not sup Support?	pport it. Pending offline c Pending Command?	ommand will be overwrit Actions
Start/End Time : Selected device: 2 IMEI 201711078523578	2018-04-21 17:30:0 Cor Model GT06N	0 2018-05- mmand will be ignor Account test123	21 17:30:00 ed if devices do not sup Support? Yes	oport it. Pending offline c Pending Command? No	ommand will be overwrit Actions Delete

a. In **All Devices** list, click **More** following a device and then click **Command** to set commands in the **Device Command** dialog.

## <u>Imi</u>

All Device	es											
IMEI(Pr	ess Enter for mult	tiple lines)	Device Na	me	All Models 🔻 🗌 Sub-ac	count devices Q Search	Advanced -	Reset				
Edit(xIs)	Upload Images	Bulk Sell Expor	t Export All Send C	Command	Set Working Mode Disable Enab	le Set Fuel Tank Vol. Im	port Device Recharg	e Update U	Jser Expiration			
No.	Account	Device Name	IMEI	Model	Activated Date SIM	Expiration Date(P)	Expiration Date(U)	Status	Group	Actio	กร	
1	test123	GT06N-23578	201711078523578	GT06N	2018-04-13	2022-02-02	2019-04-14	Enabled	Default	Edit	Playback	More
2	test123	עגלה 001 🛛	868120155010504	GT350	2017-06-12	2022-02-02	2021-06-12	Enabled	Default	Edit	Trips	More
2 3	test123	□ JV03-03334	351608083303334	JV03	2017-04-19	2022-02-02	2022-02-02	Enabled	Default	Edit	Command	More
4	test123	GT06N-23579	201711078523579	GT06N	Inactive	2022-02-02	2022-02-02	Enabled	Default	Edit	Geo Fence	More
					20 🔻 < 1 >	Go					Alerts Street View	

#### b. Monitor

See 3.5 for details.





#### • Set Working Mode

Click Set Working Mode in the Device interface and then New Working Mode Template in the

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Cancel

**Batch Mode** dialog. There are three modes available: Timing Mode, Week Mode, and Normal Mode, as shown in the following figure. You can set the frequency according to your actual requirements. See the Tracksolid operation guide for details.

Edit Working Mode Te	emplate	×
Template Name :	Template Name	+
Sync Frequency :	Timing Mode Week Mode Normal Mode	
	Repeat : 1 v day 1 v times	
	Sync Time : Sync Time1	
	Limitation : O Time Limitation day O No Limitation	

### 3.3.7 Enablement/Disablement

In some cases, a user may hope to disable some devices under a subaccount. Disabled devices cannot perform actions unless the parent account re-enables these devices.

#### Disablement

Select the devices you hope to disable and click **Disable** and then **Yes** in the **Message** dialog.

All Device	IS											
IMEI(Pr	ess Enter for multip	ple lines)	Device Name	All Models	✓ Sub-accour	nt devices Q S	Search Advanced - Reset					
Edit(xis)	Upload Images	Sell/Move Export Ex	port All Send Command	Set Working Mode	Disable Enable	Set Fuel Tank Vol.	Import Device Recharge Upd	tate User Expiration	Binding Setting	Set Group		
🗌 No.	Account	Device Name	IMEI	Model	Activated Date	SIM	Subscription Expiration	Expiration Date(U	l) Status	Group	Actions	
1	test-on	D JC400D-07405	353376110007405	JC400D	2020-07-28		2021-07-28	2021-07-28	Enabled	Default	Edit Sell/Move Moni	itor More
2	test-on	JC100-14363	357730090214363	JC100	2020-07-25		2021-07-26	2021-07-26	Enabled	Default	Edit Sell/Move Mon	tor More
3	test-on	JC400-97864	357730090697864	JC400	2020-07-22		2021-07-23	2021-07-23	Enabled	Default	Edit Sell/Move Moni	tor More
4	test-on	D JC400-41370	353376110041370	JC400	2020-07-21		2021-07-22	2021-07-22	Enabled	Default	Edit Sell/Move Moni	itor More
5	test-on	JC400-00814	353376110000814	JC400	2020-07-21		2021-07-22	2021-07-22	Enabled	Default	Edit Sell/Move Moni	itor More
6	test-on	JC400-24376	353376110024376	JC400	2020-07-21		2021-07-22	2021-07-22	Enabled	Default	Edit Sell/Move Moni	itor More
7	test-on	AT6-20938	353549090720938	AT6	2020-07-17		2021-07-17	2021-07-17	Enabled	Default	Edit Sell/Move Moni	tor More
8	test-on	AE 1200 BB	353549090337592	AT6	2020-07-14		2021-07-15	2021-07-15	Enabled	Default	Edit Sell/Move Mon	tor More

JC40	00 2020-07-21		Expiration Date(P)	Expiration Date(U)	Status
JC	Message	×	2020-12-06	2020-12-06	Disabled
AT			2018-12-06	2018-12-06	Disabled
AT	Confirm to disable it?		2018-12-06	2018-12-06	Disabled
AT			2038-12-06	2038-12-06	Disabled
LU	Yes	No	2037-11-07	2037-11-07	Disabled
JC40	00 2020-07-13		2038-09-29	2018-09-29	Disabled



### Enablement

Select disabled devices you hope to re-enable and click **Enable** and then **Yes** in the **Message** dialog.

Х3	2017-12-05	Expiration Date(P)	Expiration Date(U)	Status
JC	200 2017-12-05	2020-12-06	2020-12-06	Enabled
W	Message X	2018-12-06	2018-12-06	Enabled
JC		2018-12-06	2018-12-06	Enabled
JC	Confirm to enable it?	2038-12-06	2038-12-06	Enabled
X		2037-11-07	2037-11-07	Enabled
A	Yes No	2038-09-29	2018-09-29	Enabled
		Inactive	Inactive	Enabled

## **3.4 Account Management**

Online account registration is not available on Tracksolid. All new accounts must be created by an upper-level operator or dealer.

Track solia 🔤	)ashboard 🖨	Device 😽 Account 🖽 M	tonitor 📴 Geo Fe	ence ∎ivideo 🙈	Fleet Q			A Command	He Help	ilo , test-on of Settings
Account	E TEST-ON	Account : test-on Account	it type : Sales Tele	phone : Monitor						
Customer Name/Account Q	Customer Na	ame: Customer Name/Accou	nt Role:	All 🔻	Include Sub-account	Q Search				
TEST-ON(Stock438/Total475)	New Accou	unt Move Account								
CQtest(0/0)	No.	Account	Role	Customer Name	Telephone	Contact Person	Quantity	Actions		
<ul> <li>Image: A set of the set of the</li></ul>	1	Anhar1	🚢 Sales	Anhar1			0	0 🗹 🗊	6	; ←
▲ DVR测试组专用(15/15)	2	CQtest	🚢 Sales	CQtest			0	0 🗹 🗊	8	; ⇒
hcsj(4/4)	3	monkeys	Distributor	Derek			0	0 🗹 🗊	8	; →
i (KO(17))	4	DVR-Test2	🚢 Distributor	DVR测试组专用			15	0 🖻 🗊	8	; ⇒
localizagt(1/1)	5	hcsj	📥 Sales	hcsj			4	0 🛛 🗊	8	; ⇒
📤 luis(0/0)	6	IPRO	🔒 Distributor	IPRO			1	0 🗹 🗊	8	; ⇒
MTEST(0/0)	7	jc400dms	a End User	jc400dms			9	0 🗹 🗊	6	; ⇒
Shenzhen123(1/1)	8	localizagt	Lend User	localizagt			1	0 🗹 🗊	6	; ⇒
; <b>= =</b> (_ <b>=</b> (_ 0)	9	luis2545	Lend User	luis			0	0 🗹 🗊	8	; →
	10	AT4-Testing	🚢 Distributor	MTEST	+251929001816		0	0 🗹 🗊	6	; ←
zhenshi1(1/1)				10 🔻 <	1 2 >	Go				
<b>•</b> • • • • • • • • • • • • • • • • • •										

## 3.4.1 Adding Customers

Go to **Account** interface and click **New Account**. Select a parent account, specify other information in the dialog, and click **Save** to complete. See the Tracksolid operation guide for details.

# IMIL

New Account		>	<
			Ŀ.
* Superior Account :	CQtest	Customer Name/Account Q	L
*Account Type : 🔞	Sales 🔺	TEST-ON(Stock438/Total475)	l
* Customer Name :	Sales	⊥ · == (, ( ),	l
	Distributor	CQtest(0/0)	L
* Login Account :	Enterprise User	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	L
* Password :	End User	▲ DVR测试组专用(15/15)	L
	Initial password is: 888888	📥 hcsj(4/4)	l
Telephone :	Enter Telephone	📥 IPRO(1/1)	l
O Emoil -	<b>F</b> -t <b>F</b> 'l	📤 jc400dms(9/9)	l
Unai :	Enter Email	localizagt(1/1)	L
*Country / Region :	China   86 🗸 🗸 🗸	💄 luis(0/0)	1
Contact Person :	Enter Contact Person	MTEST(0/0)	
		OTA(3/3)	
Company Name :	Enter Company Name		
Demo Account :	$\square$		r
		Save Cancel	

## 3.4.2 Transferring Accounts

Select one or multiple accounts you hope to transfer to another account and click **Move** or <sup>B</sup>. Then in the **Move Account** dialog, select the another account and click **Save** to complete.

New Accou	nt Move Account						
No.	Account	Role	Customer Name	Telephone	Contact Person	Quantity	Actions
1		👗 Sales				0	
2	CQtest	👗 Sales	CQtest			0	
3		👗 Distributor				0	
4	DVR-Test2	Listributor	DVR测试组专用			15	

# IMIL



## 3.5 Monitor

The Monitor interface enables users to better locate and monitor their devices.

As the following figures show, Tracksolid offers multiple fast location methods that can be viewed on the left account tree or you can search by entering the IMEI of a device in the search field and enables users to add their devices to a group by clicking **Follow**.



# ١<mark>៣</mark>١



## 3.5.1 Device List

Tracksolid enables users to view devices and display them on the map. You can playback trips, locate, and perform other actions on every device. The color of the device icon in the list indicates the status of the device.



### Querying IMEI

Enter the IMEI or the last 6-digit of the IMEI of a device and click **Search** ( $\bigcirc$ ), then the matching result appears, as the following figure shows.

## IMI



#### **Device sorting**

You can find devices by categories, as the following figure shows.



### **Creating/changing group**

To create a new group, click **New Group**, specify a name, and click **Add** to complete; To add devices to a new group, the group name will appear in the **Device** interface. To move a device to another group, click <sup>1</sup> following the device to access actions, move the cursor on **Move group**, and select a group.



# ١<mark>سار</mark>

All(439) Following(16)		<ul> <li>✔ Moving (3)</li> </ul>	Parking (1) <b>Q</b> Idling (4)
IMEI/Device Name		Q 4 s	
Icon 🕐 Sorting 🕽	ž 🗅 New Gr	oup	1. S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
✓ All ✓ Online ✓ Offline	LIVE		
■ ■ Default Group (342)		- See	19 8 6 4 A A
	3km/h		Default Group
	SKIIVI	Playback	Anhar
		♥ Tracking	Leonid test group
	4km/n	♥ Follow	DVR
JC400-00814		Trips	HLDEMO
	5hr+	1 Device Command	HL2
35773009054		☐ Move group >	1~50
	20day+	Device Detail	- BARY
3720	328day+	M	exico

#### Editing/deleting a group

As the following figure shows, you can click or to edit the group name or delete the group.

Note: The Default Group can neither be edited nor deleted.



#### Following/unfollowing a device

To flag important devices that require extra attention, click <sup>1</sup> and then **Follow**, in which case a heart symbol appears under the device name. To unfollow the device, click <sup>1</sup> and then **Unfollow**, as the following figures show.

# ١<mark>سار</mark>



### **Device Command**

To deliver commands to the device, click <sup>i</sup> and **Device Command**, see 3.3.6 for reference. See the Tracksolid operation guide for command setting details.



#### **Device Information**

To view device information, click <sup>1</sup> and then **Device Detail**. In the **Device Detail** dialog, you can modify relevant information, see 3.3.3 for details. See the Tracksolid operation guide for setting details.

## JÍMI



## 3.5.2 Maps

Select a device and then the following figure appears on the map.

C400-36230	35337611003623	30 ×	
3 km/h Moving	⊮⊡ ON 分 10	0	Gang'an
ast Positioning : 20	020-07-29 15:14:11 020-07-29 15:14:11		

### **Sharing location**

By clicking s, you can share your location to another person and specify how long the sharing will last, as the following figure shows.



# IMIL

Share	×
Effective Time : 1 Hours I have read and agree 《Agreement and privacy policy》	
Confirm	
Share	×
Share Links tracksolid.com/api/share? ver=2&method=trackDevice_abr&deviceinfo=7ae7c62385f2 c0c83178c878e1ff0696e576801dc8f2183ca08dbb219331abf 0d7c83f3e12b4026b338d95b62d7dd08e0460c5edd13ad87e ce6	2067f2a61fd 1c6b6c956c 16dca9702

## Displaying device name

By selecting **Device Name**, the device name will appear above the vehicle icon, as the following figure shows.



The device name will disappear if you deselect **Device Name**, as the following figure shows.

# IMI



## Showing geo fence/POI

To search for and show a geo fence/POI on the map, you can go to **Geo Fence/POI** in the **Monitor** interface.

## اس<mark>ا</mark>ر



### **Refresh interval**



Map/satellite

## اس<mark>ار</mark>



### Distance

To view the distance between two places on the map, you can use the Ruler.



### **Finding vehicle**

Click Find Vehicle and draw a rectangle on the map to see how many vehicles are in the area.





### 3.5.3 Trip Playback

To playback trips of a device, click <sup>i</sup> and then **Playback**. Then specify the start time and end time (the max. duration is 7 days). As the following figures show:



## اسار

Playback	Search IMEI	*	<b>Q</b> e	ips ♀ LBS ♀ Wifi	Show crossed Geo-fence	POI							
*Locating Type:	All	<b>v</b>			Sandiment					Traffic		Мар	Satellite
*Start Time:	2018-04-24 00:00												Ruler
*End Time:	2018-04-24 11:36												
*Tracking Time:	Today	Ŧ			•							0	6
	Search				Ĭ								
<ul> <li>Southwest Sandhill F Australia</li> <li>2018-04-7</li> <li>Southwest Sandhill F Australia</li> <li>2018-04-7</li> </ul>	st 133m,VP Rendering,8 Rise Point Cook VIC 3030 24 00:06:31 st 131m,VP Rendering,8 Rise Point Cook VIC 3030 24 07:57:00		٢	9	• •	•••	\$ •						
Total Mileage: 0.7	km	- 1	Tra	ck Detail							Get All Address	Ехро	rt 🗙
Speed: 0km/m		•	No.	Time	Coordinate	Speed	Direction	Locating Type	Satellite	Position			
2018-04-24	07:57:00Speed:		1	2018-04-24 00:06:31	144.773467/-37.896396	1 km/h	Southwest(Direction: 227)	GPS	7	Get Address			1
macks Clear	Stop sign: 3 Minute		2	2018-04-24 00:06:36	144.773467/-37.896391	0 km/h	Southwest(Direction: 228)	GPS	7	Get Address			$\bigtriangleup$
Play by tracks	Track Detail Export Km		3	2018-04-24 00:27:06	144.773449/-37.896338	0 km/h	Due East(Direction: 112)	GPS	6	Get Address			
Trips Export	Excel		4	2018-04-24 00:27:11	144.773449/-37.896338	0 km/h	Due West(Direction:	GPS	6	Get Address			

### **Playback and query**

Tracksolid allows users to query trips of the past half year and playback the history trips of 7 days. Select the location type and specify both the start time and the end time prior to playback. The location types include GPS, LBS, and WiFi.

If you want to playback trips of another device, you can click Search IMEI, enter the IMEI of

the desired device, and click  $\[Qamma]$ . As the following figures show:



#### Viewing trips

Trips are represented in line or point on the map.

The **Track Detail** includes time, coordinate, speed, direction, locating type, validity, number of satellites, and position.



Trac	k Detail						Get All Address	Export	×
No.	Time	Coordinate	Speed	Direction	Locating Type	Satellite	Position		
1	2018-04-24 00:06:31	144.773467/-37.896396	1 km/h	Southwest(Direction: 227)	GPS	7	Get Address		-
2	2018-04-24 00:06:36	144.773467/-37.896391	0 km/h	Southwest(Direction: 228)	GPS	7	Get Address		
3	2018-04-24 00:27:06	144.773449/-37.896338	0 km/h	Due East(Direction : 112)	GPS	6	Get Address	Δ	
4	2018-04-24 00:27:11	144.773449/-37.896338	0 km/h	Due West(Direction:	GPS	6	Get Address		*

Trac	Get All Address Export									
No.	Time	Coordinate	Speed	Direction	Locating Type	Satellite	Position			
1	2018-04-24 00:06:31	144.773467/-37.896396	1 km/h	Southwest(Direction: 227)	GPS	7	Southwest 133m,VP Rendering,8 Sandhill Rise Point Cook VIC 3030 Australia			
2	2018-04-24 00:06:36	144.773467/-37.896391	0 km/h	Southwest(Direction: 228)	GPS	7	Southwest 134m,VP Rendering,8 Sandhill Rise Point Cook VIC 3030 Australia			
3	2018-04-24 00:27:06	144.773449/-37.896338	0 km/h	Due East(Direction : 112)	GPS	6	Get Address			
4	2018-04-24 00:27:11	144.773449/-37.896338	0 km/h	Due West(Direction:	GPS	6	Get Address	-		

### Exporting track details in Excel or KML

Click **Export Excel** or **Export Kml** or **Export** to export relevant track information, as the following figures show:



		Α	В	С	D	E	F
1			Device Nar	ame:Wetrack Lite-26981 From:2018-04-09 00:00:00 To:201			16:46:59
2		No.	Time	Longitude/Lati	itude peed(Km/	Direction(Degree	Location Type
3	1		2018-04-09 14:09:21	117.918333/39.213109	80	332	satellite positioning
4	2		2018-04-09 14:09:23	114.831234/25.480091	80	332	satellite positioning
5	3		2018-04-09 14:09:23	<u>110.282017/26.181086</u>	80	332	satellite positioning
6	4		2018-04-09 14:09:33	<u>117.585663/27.727515</u>	80	332	satellite positioning
7	5		2018-04-09 14:09:43	111.649195/20.963827	80	332	satellite positioning
8	6		2018-04-09 14:09:54	116.729604/24.678907	30	332	satellite positioning
9	7		2018-04-09 14:09:55	<u>118.338207/27.826379</u>	30	332	satellite positioning
10	8		2018-04-09 14:10:03	111.818055/22.005177	30	332	satellite positioning
11	9		2018-04-09 14:10:13	118.060012/21.95965	30	332	satellite positioning

### Showing crossed geo fences/POI

Click Show crossed Geo-fence/POI on the map, as the following figure shows.



## اس<mark>ار</mark>

## 3.5.4 Tracking and Positioning

In the **Tracking** interface, you can view the following information: IMEI, ACC, speed, coordinate, and address on the left and the live track will appear on the map. The track updates every 10s by default.



## 3.5.5 Trips

Many trips will be generated for any DVR during a period. Tracksolid allows users to view trips of 30 days and to playback trips of 7 days. You can click **Playback** in the interface to playback a trip, as the following figure shows.



# IMI

Trips				Â					
JC400-0	0814								
Support months)	user to vie , playback	w trips within tracks within	30 days(und 7 days.	ler last 6					
*Start Ti	me:	2020-0	7-19 00:00						
*End Tin	ne:	2020-0	7-25 23:59						
*Trackin	g Time:	Last we	ek	•					
		Search							
©	Liuxian 1 District, S China 2020-07-	st Road, Liuta Shenzhen, Gu 21 16:59:40	ang Village, E angdong, 51	3ao'an 8100,					
•	Liuxian 1 District, S China 2020-07-	st Road, Liuta Shenzhen, Gu 21 17:04:16	ang Village, E langdong, 51	3ao'an 🗸 8100,					
0.2	2 km	Avg.3.1 km	/h OPla	yback	1				
•	Liuxian 1: District, S China 2020-07-:	st Road, Liuta Shenzhen, Gu 21 16:47:43	ang Village, E angdong, 51	3ao'an 8100,					
•	Liuxian 1 District, S China 2020-07-	st Road, Liuta Shenzhen, Gu 21 16:54:42	ang Village, E angdong, 51	3ao'an 8100,					
0.3	3 km	Avg.2.2 km	/h OPla	yback					
<ul> <li>Liuxian 1st Road, Liutang Village, Bao'an District, Shenzhen, Guangdong, 518100, China</li> <li>2020-07-21 16:38:11</li> <li>Liuxian 1st Road, Liutang Village, Bao'an District, Shenzhen, Guangdong, 518100, China</li> </ul>									
0.	2020-07-	Ava.1 km/	h OPla	vback	1				
Playba	ack Tra	acking							

## 3.6 Geo Fence

Geo fence is a major feature of Tracksolid, which enables users to draw an area on the map to create a geo fence. A geo fence can be assigned to multiple devices, wherein if a device enters or leaves the geo fence, an alert message will be sent to Tracksolid web or app. POI differentiates itself from geo fence in that it will not generate alerts. POI is to flag an area with a special name.

## <u>اسًا ل</u>



## 3.6.1 Geo Fence

## Creating a geo fence

Click New and draw an area on the map.

Geo Fence POI	
i Delete	+ New
Name	Action
aaa	•
QQ	۰.
國際	•
Geo-fence	•
Office Location	0
	0
芳芳 <del>리리리리리리리</del> 리리리	
范围之内	•
إنشاء السياج 1 بالتطبيق	•
Costanera	•
Geo-fence 1	•
« < 1/2 > »	

After the drawing is complete, the following dialog appears. You can specify a name and the description for the geo fence and then click **Save** or **Save & Assign Device**.

# IMIL

Create Geo Fence			
* Name:	Enter name		
Description	Please enter the descriptio	n	
Туре	Geo Fence		
	Radius 3194m	Ē	
	200m		5000m
	Save	Save & Assign Device	Cancel

Geo fence alert practices

- Entered fence
- Left fence
- Left for too long
- Stayed for too long

**Editing a geo fence** To edit a geo fence, click following it and then click **Edit**, as the following figure shows:

Geo Fence POI		
	Delete + New	Rd
Name	Action	Fugu
aaa		KIXIANG
QQ	۰ L	Edit
	0	Delete
Geo-fence	0	Assign Device

In the Edit fence dialog, you can modify the name, the description, and the radius of the fence.

# IMIL

Edit fence		
* Name:	888	
Description	Please enter the description	
	Radius 552m	5000m
	Save	e Cancel

### Assigning devices

To assign devices to a geo fence, you can click • and then Assign Device or click Save & Assign Device in the Create Geo Fence dialog.

Geo Fence	POI			
		🗇 Delete 🕇	New	Rd
Name		Α	Action	Fugu
aaa				KIXIANG
QQ		•		
		•		sign Doviso
Geo-fence mmmmmm		•	AS	Sign Device

In the **Assign Devices** dialog, you can also set alert trigger details as well as emails to receive relevant alert messages.

# IMI

Assign Device				×
▲ DVR测试组 ▲ hcsj ▲ IPRO ▲ jc400dms ▲ localizaot	专用		AE 1200 BB(353549090412 AT1-12486[353549090412 AT2-78088[868120203678 AT3-76559[868120195876 AT6-05172[353549091005	/592] 486] 088] 559] 1172]
Report Alert When :	Enter Geo Fence Z Exit Geo F D Day(s) haven't entered the ( D Day(s) haven't left the Geo I	Fence Geo Fence Fence		
	Alert by Mail Email Address 1 Email Address 2 Email Address 3	2 C2 C2		
		S	verify Email Ac	Idress Cancel

#### Deleting a geo fence

To delete a geo fence, click *following it and then Delete and then click OK in the Message dialog, as the following figures show.* 

Geo Fence	POI			
	💼 Delete 🕂 Ne	ew Pa	Message >	<
Name	Acti	on <sup>bn</sup>		
aaa	0	KIXIANG	Confirm to delate this record?	
<u> </u>	0	Edit	Confirm to delete this record?	
	0	Delete		
Geo-fence	0	Assign Device	OK Cancel	
mmmmmm		IUNITY 5社区		

### Viewing a geo fence

Except for the alert feature, geo fences can be viewed in the **Monitor** and **Playback** interfaces, as the following figures show.

## JÍMI

Tracksolid	🖭 Da	shboard 🖨	Device 🖶 Account 🖽 Monitor	📴 Geo Fence	<b>∎</b> t Video	🙈 Fleet	٩	Heāo, teston ¢/Command oPheip oo{Settings
DVR测试组专用(15/15)	٠	All(15)	•	<b>Q</b> (0) <b>Q</b> (7)	<b>O</b> (0) <b>O</b>	(8) 🔍 (0)		☑ Device Name Geo Fence , CI , 108 ▼ Refresh Google Map ▼
DVR:Bit/df 97/R (19/19)           Cuttomer Name/Account           ▼         TE81-0N(80ce/43/8/0ta4/76)           ▲         C08e1000           ▲         DVR880cf/38/8/0ta4/76)           ▲         C08e1000           ▲         DVR880cf/38/8/0ta4/76)           ▲         DVR880cf/38/809)           ▲         C08e1000           ▲         UPRO(/r)           ▲         L9R0(/r)           ▲         L9R0(/r)           ▲         UPRO(r)           ▲         L9R0(/r)           ▲         UPRO(r)           ▲	• Q	Al(15) INEE/Device tcon ③ ✓ Defau	Name     Sorting II     Convertise     Sorting II     Convertise     Sorting II     Convertise     Conv				Lluxia	Control Name Concernance
				Google				Map data \$2020 2 m Land Terms of Use Report a map error



## 3.7 Video

This chapter describes the video recording feature. The **Video** interface consists of four parts: Event Video, Live, History Video, and Settings, as the following figure shows.

# <u>اس ًا ا</u>

Track solid										
	Event Video	Live	Histor	y Video	Settings				Total events: 55 /	7 days/account: test-on .
Customer Name/Account Q	IMEI(Press I	Enter for multiple	lines)	Device Na	All Model	<ul> <li>All Groups</li> </ul>		All State 🗸	Q Search Reset	
TEST-ON	7 Days 🗸	2020-	07-23 - 2020	-07-29	Unread	<ul> <li>All Event</li> </ul>		Sub-account devices	Play Download	
▶ 👗 CQtest	No.	Account	Device Name	Event Type	Date Time	Direction	Driver	Address	Model	IMEI
🐣 hosj	1	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
👗 jc400dms	2	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
🚢 localizagt	3	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
A MTEST	. 4	test-on	JC400-9	Collision	2020-07-29	Front		Xin'an Sub-district, Bao'an District, S	Shen JC400	357730090697252
Shenzhen123	5	test-on	JC400D	SOS alert	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
	6	test-on	JC400D	SOS alert	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
A zhenshi1	7	test-on	JC400D	SOS alert	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
	8	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
	9	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Village, B	ao'an JC400D	353376110007405
	. 10	test-on	JC400	MANUAL	2020-07-29	In vehicle		Fuqian Road, Fucheng Sub-district,	Long JC400	353376110002356
					10/p	vage V < 1	2 3	456>		

## 3.7.1 Event Video

As the following figure shows, to query event videos of a device, enter the IMEI, name, and model of the device, specify the date (which can be set to all date, 7 days, or 30 days), read status, event type, and subaccount device, then click **Search**. You can also perform the following actions in this interface: reset, play, and download.

Track solid <sup>®</sup>	Event V	ideo	Live	History	Video	Settings				Total	events: 55 / 7	days/account: test-on
Customer Name/Account	IMEI(	Press En	ter for multiple	lines)	Device Na	All Model Unread	All Groups     All Event	~	All State	O Search Play	Reset Download	
▶ ▲ CQtest		No.	Account	Device Name	Event Type	Date Time	Direction	Driver	Address		Model	IMEI
📥 hosj 🚢 IPRO		1	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Villa	ge, Bao'an	JC400D	353376110007405
ic400dms localizagt		2	test-on test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Villa Liuxian 1st Road, Liutang Villa	ge, Bao'an ge, Bao'an	JC400D JC400D	353376110007405 353376110007405
MTEST		4	test-on	JC400-9	Collision	2020-07-29	Front		Xin'an Sub-district, Bao'an Dis	rict, Shen	JC400	357730090697252
Shenzhen123		5	test-on	JC400D	SOS alert	2020-07-29	Front		Liuxian 1st Road, Liutang Villa	ge, Bao'an	JC400D	353376110007405
		6	test-on	JC400D	SOS alert	2020-07-29	Front		Liuxian 1st Road, Liutang Villa	ge, Bao'an	JC400D	353376110007405
📥 zhenshi1		8	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Villa	ge, Bao'an	JC400D	353376110007405
		9	test-on	JC400D	DVR vib	2020-07-29	Front		Liuxian 1st Road, Liutang Villa	ge, Bao'an	JC400D	353376110007405
		10	test-on	JC400	MANUAL	2020-07-29	In vehicle		Fuqian Road, Fucheng Sub-di	strict, Long	JC400	353376110002356
						10/pag	je v 🤇 1	2 3	4 5 6 >			

### Event video playback

Event videos are hidden by default. If you want to watch a specific event footage, click on the event and the playback window will appear.

## IMIL

No.	Account	Device Name	Event Type	Date Time	
1	test-on	JC400	DVR vib	2020-05-26	
2	test-on	JC400	DVR vib	2020-05-26	and the second s
3	test-on	JC400	DVR vib	2020-05-26	
4	test-on	JC400	DVR vib	2020-05-25	
5	test-on	JC400	DVR vib	2020-05-24 .	1
6	test-on	JC400	DVR vib	2020-05-24 .	9
7	test-on	JC400	Collision	2020-05-23 .	
8	test-on	JC400	DVR vib	2020-05-23	
9	test-on	JC400	DVR vib	2020-05-23	2020-05-26 07:14:10 E:00:000000 N:00:000000 0km/h

The playback window offers the following function buttons:

Play/Pause: Click III or I at the lower right corner to pause or play the footage.

Mute/Unmute: Click def or def to unmute or mute the sound in the footage.

Zoom: Click Content on the upper right corner to view the footage in full screen and press **Esc** to exit the full screen.

Video download: Click on the lower left corner to download the footage.

Location: Click on the lower left corner, then the map interface appears. You can view the current location of the vehicle on the map.

#### **Event details**

At the bottom of the playback window, the event details are displayed, which include event type, time, driver, IMEI, device model, following status, geo fence, and more.



# IMIL

## 3.7.2 Live Video

Track solid			
	Event Video Live History Vide	eo Settings	
Customer Name/Account	All(118) Following(6)	55	Map Satellite
	IMEI/Device Name	Baffin Bay	Barevis Sea
V 👗 TEST-ON	Icon 🕐 🗅 New Group	p	
	✓ All ✓ Online ✓ Offline		
CQtest	Default Group (112)		
	C 400 00014		Norwegian Sea
📥 DVR测试组专用	□ 😔 ♥ @ 🖻	Greenland	to a first a second for
📥 hosj	JC400-05078	Iceland	Sweden
LIPRO			Finland
jc400dms			in the second
Iocalizagt		Labrador Sea	Demail And
	JC400-36230 3km/h	rela	Kingdom Belarus Belarus
A OTA		ac the second second	Germany Ukraine
Shanzhan122	C C C C C C	MNB INF	France
Chenzhen 23		V NH NS	Italy
	□ 🕞 769 26day+ 🚦	r .	Spain Uzbekistan kyrgyzsten Uzbekistan kyrgyzsten
	C101-00038	North	igal
A zhenshi1	C C C Inactive	Ocean M	orocco
and the second s	CL01-11026		Algeria Libya Egypt
		Western Sahara	Saudi Arabia
	CL01-11505 Inactive	Puerto Rico Mauritar	ia Mali Niger Surfan -
		ean Sea	Burking Chad Chad Guddin Temen
	CL01-12131 Inactive	Venezuela Guene	Chana Nigeria South Sudan Ethiopia
4 <b>F</b>		Soonale **	Gulf of Guinea
	CI 01-13279	1000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Cabon Map data 02020 Google, INEGI 1000 km

### 3.7.3 Remote Video

### Remote picture taking

Click the Live tab and then (a) under a device in the device list. Then select a camera (front or

in-vehicle) and click **Get** in the pop-up to send a capture command. If the command is sent successfully, then a picture will be taken.



### **Remote video recording**

Click the Live tab and then a device in the device list. Then in the pop-up, click Short Video, select a camera (front or in-vehicle), specify the video length, and click Get to send a

#### capture command.

Note: Tracksolid allows up to 9 devices to stream videos simultaneously.



### 3.7.4 History Video



Click the History Video tab and the search entry appears.

IMEI: In the device list, enter the IMEI of the desired device.

Date: It is today by default. You can also select another date.

Last Day: Click this button to check the video of the previous day of the selected date.

Next Day: Click this button to check the video of the following day of the selected date.

Timeline: This enables users to drag the timeline to a desired date to view relevant video during that period.

#### Video playback

Enter the IMEI of a desired device and specify a date. Then drag the timeline to select a start time to playback the relevant video.

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## 3.7.5 Settings

### **DMS Setting**

If you hope to upload driver-related event videos to Tracksolid, you can click the **Settings** tab, select **ON**, and click **Save**. In contrary, you can select **OFF** and click **Save** to disable the upload, as the following figure shows:

Event Video Live History Video	Settings					
All(118) Following(6)	DMS Setting					
IMEI/Device Name Q	Yawn Video	ON OFF				
Icon (?) C'n New Group	Close eyes Video	ON OFF				
Default Group (112)	Distraction	ON OFF				
□ 🕞 🚽 JC400-00814 4km/h 🚦	Smoking Video	O ON OFF				
□ 💿 <sup>JC400-08643</sup> 1km/h 🚦	Phone Video	ON OFF				
□ 🔁 <sup>JC400-17339</sup> 13hr+ 🚦	No Face Video	ON OFF				
□ 🕞 → JC400-36230 40min 🚦	Description:	Set whether to upload e	event video			
□ 😝 <sup>JC400D-07405</sup> 1min 🚦	Selected device : Please sel	ect device				Save
□ 🕞 769 26day+	IMEI	Device Name	Model	Account	Support	Action
□ 🕞 😋 CL01-09038 Inactive 🚦						

# IUJ

## **Chapter 4 APP Installation**

## 4.1 Instruction

## 4.1.1 Downloading Tracksolid App

Scan the following QR code with your mobile to download and install the Tracksolid app.



## 4.1.2 Calibration Tool for JC400D

Scan the following QR code with your mobile to download and install the calibration tool for JC400D.



**Note:** This app is only used for feature calibration of JC400D. This app is compatible with Android mobiles only.

## 4.1.3 Registration and Login

### **Enterprise version**

Contact your supplier for the login name and password.

### **Individual version**

- a. Tap **Sign Up** and enter the email you use frequently;
- b. Tap  $\odot$  to send a verification code to your email box;
- c. Check and enter the verification code and set a password;
- d. Select **I agree with the Terms of Service and Privacy Policy** after you read them and tap **Submit** to complete the registration.
- e. To add a device, scan the QR code on the device.

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		🔊 🖌 100% 🖌
	Sign Up	
R Email		
⊘ Verific	ation code	( )
🔒 Passv	vord	Sand.
🖯 Confi	irm Password	
🗌 I agree w	ith the <u>Terms of Service</u> and <u>Pr</u>	ivacy Policy
	Submit	

## 4.2 Operations

## 4.2.1 Geo Fence

#### For Chinese users

Log in to Tracksolid, go to **Profile** > **Settings** > **Map** to select **Baidu Map** and tap **Save**. **For global users** 

Log in to Tracksolid, go to Profile > Settings > Map to select Google Map and tap Save.

< Settings		10:17 🔷 🖊 100% 🕻
🙇 Map	Google Map $\ge$	< Map Save
Language		Google Map 🗸
Server Node	нк >	Baidu Map
🔗 Unit	km,km/h $\geq$	Paverse Geocoding
ổ Clear Cache	17.11KB >	Reverse Ococoding
i Version	2.1.3 >	✓ Parse address by Here Map
① Check for Updates		Parse address by Google Map ∕2
😋 Share		Please enable Places API on your Google Cloud Console to parse address by Google Map and note Google may charge the costs.

#### Creating a geo fence

- 1. Go to **Profile** > **Geo Fence**;
- 2. Tap  $\textcircled{\oplus}$  to launch the creation;
- 3. Drag the slider on the top to define the radius;
- 4. Tap Edit to specify a name and OK to save it;
- Tap Add Device, select devices from groups, and tap Save to add these devices into the geo fence;

6. Complete the **Alerts Setting** if you hope to upload left or/and entered alert messages to the platform and tap **Save** to complete the creation.

Note: The radius of the geo fence ranges from 200m to 5000m.



#### **Enabling the feature**

Go to List and tap under a desired device to access More Actions. Then to Settings > Alert

**Settings** to enable **Enter geo-fence alert**, **Exit geo-fence alert**, and **Upload Video-Geo Fence**. Back to **Settings**, tap **Geo-fence Video** to set the video length and the camera(s) to capture videos upon a geo-fence event and then tap **Save** to complete.

As the following figures show:

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< Alert Settings	C Geo-fenc	e Video
SOS	Video Length	
Driving Behavior	3s 4s 5s 6s	7s 8s 9s 10s
Vibration Alert	Video Camera	
Overspeed Alert		<ul> <li>✓</li> <li>✓</li> </ul>
Enter geo-fence alert	Front Camera	Inward Camera
Exit geo-fence alert	Alerts Setting	
Upload Video-SOS		
Upload Video-Vibration	Enter	Exit
Upload Video-Geo Fence		
Upload Video-Crash		
Upload Video-harsh Acceleration		
Upload Video-break Deceleration		
Upload Video-Sharp Turn	Sa	ve

## **Checking alerts**

An alert message will be sent to the platform upon a enter or exit event once the corresponding feature is enabled in **Alert Settings**.

Go to List and tap <sup>i</sup> under a desired device to access More Actions. Tap Alerts to view

geo-fence alert if any has triggered.

## اس<mark>ار</mark>

11:01		🗢 🔟 100% 🛙	11:27		🗢 🖌 100% 🔒	11:28	💎 🔟 100% β
Q	TEST-ON	ê	<	More Actions		< Alerts	
All (440)	Online (6) Offline (316)	Inactive (118)	0	۴Į۴	Ē	\land Idling alert	<b>09:58:43</b> 2020-07-30
✓ Default Gr	oup (343)		Camera	Settings	Detail	JC400-00814	353376110000814
B JC40	00-00814 76110000814	1hr IDLING	0	0		A Route Deviation Alert	<b>09:48:42</b> 2020-07-30
Detail	📀 Tracking 🔗	Playback	Tracking	Playback	Command	JC400-00814	353376110000814
→ JC40	00-05078 76110005078	19hr IDLING	9			A Route Deviation Alert	<b>09:47:59</b> 2020-07-30
Detail	() Tracking	Playback	##	$\triangle$	<u>~</u>	JC400-00814	353376110000814
E Detail			Geo Fence	Alerts	Console	A Route Deviation Alert	09:46:18
JC40 3533	<b>00-08643(</b> 新) 76110008643	43min IDLING	7	~0		JC400-00814	2020-07-30 353376110000814
📄 Detail	📀 Tracking 🔗	Playback	Navigation	Share			00.46.40
						Route Deviation Alert	2020-07-30
S 3533	00D-07405 76110007405	IDLING				JC400-00814	353376110000814
Detail	📎 Tracking 🔗	Playback				A Route Deviation Alert	<b>09:45:55</b> 2020-07-30
JC40	00-17339	34min				JC400-00814	353376110000814
3533	E <u></u>					A Route Deviation Alert	<b>09:42:58</b> 2020-07-30
Home	List Alerts	Profile				IC400-00814	252276110000914
					$\triangleleft$	0	4

### 4.2.2 DMS

#### Manual calibration

The DMS feature is used to monitor the driver's behavior. The prerequisite is that the device is facing the driver's head for calibration.

Go to List and tap <sup>1</sup> under a JC400D to access More Actions. Then go to Command > DMS

Setting, where you can set related parameters.

DMS calibration: By default, the master switch is on, the sensitivity is set to standard, and the working speed is set to 0km/h, at which speed the calibration initiates. If the working speed is set to another value, then the calibration will only launch when the vehicle speed reaches the another value.

Voice: By default, the alert tone for all types of DMS events sounds every 5s. The interval can also be set to 10s, 30s, or 60s and configured separately.

Alert: The default upload interval for event videos is 2 mins. The interval can also be set to 3 mins, 10 mins, or 30 mins and configured separately for videos of different events.

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all中国移动 🗢	6:27 PM	* 💼 🖬 🖬 中国移动 😒	ଚି 6:27 PM	* 🔲 💷 中国科	多动 🗢 6:27 PM 🕴 🛄
<	Command	<	Command	<	Command
	IC400D-33468 MEI: 353376110033468		JC400D-33468 IMEI: 353376110033468	F	JC400D-33468 IMEI: 353376110033468
SOS number	Master Switch Voice Alert	SOS number	Master Switch Voice Alert	SOS nu	Master Switch Voice Alert
Volume Setting	ON/OFF	Setting	Close eyes Voice	Settir	ng Close eyes Alert
Fuel/Power Remote	OFF	Fuel/Power Remote	Yawn Voice	Fuel/Po Remo	wer te Yawn Alert
Control	Sensitivity Standard	Sudden	5s	Contr	2min
Sudden Acceleration Alarm	Radical	Acceleration	5s	Sudd Accelen Alarr	n Distraction Alert 2min
Sudden	Working speed 0/KM	Sudden Deceleration	Smoking Voice	Sudd	en Smoking Alert
Deceleration Alarm	Description: Master Switch	Alarm	Phone Voice	Alarr	n Phone Alert
Sharp Turn Alarm	Send	Sharp Turn Alarm	5s No face Voice	Sharp Alarr	furn 2min 🔹
DMS Setting		DMS Setting	55	DMS Se	tting 2min
User-defined		User-defined	Description: Voice	User-de	fined Description:

#### **Enabling the feature**

Go to List and tap under a JC400D to access More Actions. Then go to

**Settings** > **DMS**, where you can enable related features. If any such event is triggered, the device will report to the platform by preset rules.

	Setting
Yawn Video	
Close eyes Video	
Distract Video	
Smoking Video	
Phone Video	
No Face Video	
Description: Set	whether to upload event video

#### **Checking alerts**

Go to List, tap <sup>1</sup> under a JC400D to access More Actions, and then tap Alerts. If any DMS alert is triggered, the alert will appear in the alerts list. You can tap on a DMS alert to view its

details and tap on to view the relevant video.

Note: An event video will be deleted on the device after being uploaded to the cloud server.

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## 4.2.3 Driving Behavior

Dangerous driving behavior includes harsh acceleration, harsh braking, and sharp cornering. **Setting parameters** 

Go to List, tap under a device to access More Actions, and then tap Command to enable

driving behavior detection features and set their sensitivity levels. The sensitivity level indicates how easy an alert will be triggered when the GPS speed reaches a specific value. See the following figures for setting details:

< Command	Command	< Command	
JC400D-07405 IMEI: 353376110007405	JC400D-07405 IMEI: 353376110007405	JC400D-07405 IMEI: 353376110007405	
SOS number   Alarm Setting	SOS number Alarm Setting Turn Off Alarm	SOS number  Alarm Setting Turn Off Alarm	
Volume Setting ON/OFF	Volume Setting	Volume Setting	
Fuel/Power Remote Control	Fuel/Power Remote Control	Fuel/Power Remote Control	
Sudden Acceleration Alarm	Sudden Upload Video Acceleration Alarm <b>Yes</b>	Sudden Upload Video Acceleration Alarm • Yes	
Sudden Deceleration Alarm	Sudden Deceleration Alarm	Sudden Deceleration Alarm	
Sharo Turn Alarm Setting	Medium	High	
Alarm	Sharp Turn Alarm Send	Sharp Turn Description: Alarm Alarm Setting	
DMS Setting	DMS Setting	DMS Setting Send	
User-defined	User-defined	User-defined	

### **Enabling the feature**

Go to List, tap <sup>i</sup> under a device to access More Actions, and then go to Settings > Alert Settings to enable the driving behavior feature, as the following figure shows.

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#### **Checking alerts**

If the above set conditions are met and an event is triggered, an alert message will be uploaded to the platform.

Go to List, tap <sup>i</sup> under a DVR to access **More Actions**, and then tap **Alerts**. If a driving behavior alert has been triggered, it will appear in the alerts list. You can tap on the alert to view

its details and tap on *b* to view the relevant video.

< Ale	rts	< Alerts Detail	7
	353376110008932	32 0 风华世家 3 点点网球俱乐部 4 原手袋	
▲ Idling alert	<b>09:51:55</b> 2020-07-20	泉公司         风华豪园         菜鸟驿站         华园区           20         1号楼         1号楼         1号楼         1号楼         11号         11号         11号         11号         11号         11号         11号         11号         11号         11日         11日 <td>8</td>	8
1751	353376110008932	32 第二 年 10 年 1	
△ Overspeed alert(DVR)	<b>09:47:47</b> 2020-07-20	<b>阿亚银行</b> 20 主泰华园山庄	
	353376110008932	32	
Distraction Alert	<b>09:47:17</b> 2020-07-20	7 20 【实业 公司	
	353376110008932	09:44:29	
A Close eyes Alert	<b>09:46:39</b> 2020-07-20	小胜楼         ▲ Overspeed alert(DVR)           353376110008932         2020-07-20	
	353376110008932	32	

### 4.2.4 Collision Alert

#### **Setting parameters**

The collision level is the sensitivity, which can be set to low, medium, or high. When the gravity acceleration reaches a preset threshold, a collision event will be triggered.

## ١<mark>سار</mark>

Go to List, tap <sup>ii</sup> under a device to access More Actions, and then go to Settings > Crash. Drag the slider to set the sensitivity. By default, the collision alert is on and the sensitivity is M.

	Crash
Sensitivity	150 L M H
L: Low	M: Medium H: High
	Save

#### Setting the feature

Go to List, tap i under a device to access More Actions, and then go to Settings > Alert

Settings to enable the driving behavior feature and the upload video-crash feature.

	Alert Settings	
SOS		
Driving Behavior		
Vibration Alert		
Overspeed Alert		
Enter geo-fence	alert	
Exit geo-fence a	lert	
Upload Video-SC	DS	
Upload Video-Vi	bration	
Upload Video-Ge	eo Fence	
Upload Video-Cr	ash	
Upload Video-ha	rsh Acceleration	
Upload Video-br	eak Deceleration	
Upload Video-Sh	narp Turn	

#### **Checking alerts**

If the above set conditions are met and an event is triggered, an alert message will be uploaded to



the platform.

Go to List, tap <sup>1</sup> under a device to access More Actions, and then tap Alerts. If any collision alert is triggered, the alert will appear in the alerts list. You can tap on a collision alert to view its details and tap on <sup>1</sup> to view the relevant video.

Note: An event video will be deleted on the device after being uploaded to the cloud server.

< Alert	S
DVR vibration alert	<b>13:53:03</b> 2020-07-29
JC400D-07405	353376110007405
▲ Engine Off	<b>13:47:15</b> 2020-07-29
JC400D-07405	353376110007405
Collision Alert(DVR)	<b>13:45:50</b> 2020-07-29
JC400D-07405	353376110007405
▲ Offline alert	<b>11:09:54</b> 2020-07-29
JC400D-07405	353376110007405
▲ Idling alert	<b>10:52:55</b> 2020-07-29
JC400D-07405	353376110007405

## 4.2.5 Speed Alert

If the device detects the GPS speed exceeds a preset threshold, it will send a speed alert to the platform.

#### **Setting parameters**

Go to List, tap under a device to access More Actions, and then go to Settings > Overspeed

Alert to set the duration, the alert threshold, and the way to upload the alert message. The default values 20s and 80km/h mean that the device will trigger a speed alert if the vehicle runs at 80km/h for 20s. The device can remind the operator via platform or both platform and SMS.

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< Overs	peed Alert	
Duration		<b>20</b> s
5s		600s
Overspeed Threshold		80 km/h
1km/h		e 255km/h
Way to Upload		
Platform+SMS		
	Save	

### Setting the feature

Go to List, tap <sup>i</sup> under a device to access More Actions, and then go to Settings > Alert Settings to enable the overspeed alert.

	Alert Settings	
SOS		
Driving Behavior		
Vibration Alert		
Overspeed Alert		
Enter geo-fence a	alert	
Exit geo-fence ale	ert	
Upload Video-SO	s	
Upload Video-Vib	ration	
Upload Video-Ge	o Fence	
Upload Video-Cra	ish	
Upload Video-har	sh Acceleration	
Upload Video-bre	ak Deceleration	
Upload Video-Sha	arp Turn	

### **Checking alerts**

If the above set conditions are met when the vehicle is moving and an event is triggered, an alert message will be uploaded to the platform.

Go to List, tap <sup>i</sup> under a device to access More Actions, and then tap Alerts. If any speed alert is triggered, it will appear in the alerts list.

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### 4.2.6 Live Video

### Switching cameras during live streaming

Go to List, tap <sup>i</sup> under a device to access **More Action**, tap **Camera** to access the media center, and then tap on Live for live streaming. Alternatively, you can tap on the device, unfold the collapsed menu at the bottom, and tap **Camera** to access the media center for live streaming.

<	Media Center(Remote) 🔻	SU
Photo	Video	
		) Live
		☐1 Rec
		Photo

As the following figure shows:

The two buttons on the right is used for switching cameras and calling up the footage timeline. The five buttons at the bottom are mute/unmute, photo, PTT, video, and maximize.

**Note:** The PTT function is of single channel, which means the driver can hear you while you are talking.

Tap on and **REC** will appear on the streaming window.

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### Video playback

Go to List, tap <sup>1</sup> under a device to access More Action, and tap Camera to access the media center. Alternatively, you can tap on the device, unfold the collapsed menu at the bottom, and tap Camera to access the media center. Then tap on Live to access the Live Video interface and tap

on **b** to call up the timeline.

As the following figure shows, the timeline will show when video data is generated.



## 4.2.7 Remote Picture Taking

Go to List, tap i under a device to access More Action, and tap Camera to access the media center. Alternatively, you can tap on the device, unfold the collapsed menu at the bottom, and tap Camera to access the media center. Then tap on is to select a camera that you hope to use to capture a picture and tap OK.

The picture taken will appear in the photo list of the media center.

## IMIL

			<	Media Cen	ter(Remote) 🔻					
			Photo	Video						
						C Live A Rec Photo				
				No			■■ 中国移动 く	হ 11:00 Media Cente	о ам er(Remote)	\$ 46% 💶 -
<	Media Center(Remote) 🔻	80					Photo	Video		
Photo	Video						2020-05	-30 (6)		0
		Live Rec	Fro	o o o o o o o o o o o o o o o o o o o	Inward Ca	mera				Live Roc Photo

## 4.2.8 Remote Video Recording

Go to List, tap  $\vdots$  under a device to access More Action, and tap Camera to access the media center. Alternatively, you can tap on the device, unfold the collapsed menu at the bottom, and tap Camera to access the media center. Then tap on  $\stackrel{\square}{\text{Rec}}$  to select a camera that you hope to use to capture a video and tap OK. You can set the length of the video to capture to 3s to 10s.

The video captured will appear in the video list of the media center.

## IMI



## 4.2.9 SOS Call

### Setting parameters

This feature works correctly on the ground that the SIM card attached has call or SMS services enabled and the device has configured with at least one SOS number.

Go to List and tap <sup>i</sup> under a device to access More Actions. Then go to Command > SOS

**number**, where you can set related parameters. You can set 3 numbers at most for this feature. If OK is returned after the command is sent, the setting is a success.

# IMI

<	Command
	C400D-07405 El: 353376110007405
SOS number	SOS setting
Volume Setting	Query SOS Setting
Fuel/Power Remote Control	Number 1 18566290717
Sudden Acceleration Alarm	Number 2
Sudden Deceleration Alarm	Number 3
Sharp Turn Alarm	Description: SOS setting
DMS Setting	Send
User-defined	

## Enabling the feature

Go to List and tap <sup>i</sup> under a device to access More Actions. Then go to Settings > SOS to set the video length for SOS event videos and which camera will take them.

<			SO	s			
Video L	ength	•	•	-	•	•	
3s	4s	5s	6s	7s	8s	9s 10s	
Video C	amera						
	0	b			0	••	
	Front Ca	mera		L	Inward	Camera	
			Sa	ve			

Go to List, tap i under a device to access More Actions, and then go to Settings > Alert

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Settings to enable the SOS and related video upload feature, as the following figure shows.

< Ale	ert Settings
SOS	
Driving Behavior	
Vibration Alert	
Overspeed Alert	
Enter geo-fence alert	
Exit geo-fence alert	
Upload Video-SOS	
Upload Video-Vibratio	on C
Upload Video-Geo Fe	nce
Upload Video-Crash	
Upload Video-harsh A	Acceleration
Upload Video-break D	Deceleration
Upload Video-Sharp T	Furn

#### **Checking alerts**

If the above set conditions are met and an event is triggered, an alert message will be uploaded to the platform.

Go to List, tap <sup>1</sup> under a device to access More Actions, and then tap Alerts. If any SOS alert is triggered, the alert will appear in the alerts list. You can tap on an SOS alert to view its details

and tap on to view the relevant video.

Note: An event video will be deleted on the device after being uploaded to the cloud server.

▲ DVR vibration alert	2020-07-29
JC400D-07405	353376110007405
▲ Engine Off	<b>16:46:22</b> 2020-07-29
JC400D-07405	353376110007405
▲ SOS alert	16:10:29 2020-07-29
JC400D-07405	353376110007405
▲ SOS alert	<b>16:02:27</b> 2020-07-29
JC400D-07405	353376110007405
▲ SOS alert	<b>15:56:42</b> 2020-07-29
JC400D-07405	353376110007405
▲ Idling alert	<b>15:54:43</b> 2020-07-29
JC400D-07405	353376110007405

## IUJL

## 4.2.10 Tracking

#### **Real-time tracking**

Real-time tracking and visualization are two core features of dash cams.

Go to List, tap under a device to access More Actions, and then tap Tracking to view the

current status of the vehicle.



### Trip playback

The playback feature is very helpful if your vehicle is out in the field and you hope to know its trip during a specific time.

Go to List, tap <sup>1</sup> under a device to access More Actions, and then tap Playback. Set the start time, the end time, and the desired device, then the trip will appear.

# IMI

16:40	1	100% 🛙	16:39		۵ %100 🗹 🖈
<		121	<	Playback	Int.
				小蟒快车 盟充电站	
			[] 深圳市易瑞生物 技术有限公司	如鱼得水 😒	百悦轩中餐厅
			湘粤轩	高新奇科技园 2栋	P E汤
			环卫车队 😋 深圳市 按股份	の 支払新奇科 分有限公司 で GAOINC	2) 印
					深圳华 家阀有
Today	Yesterday This Week	Last Week	<del>非</del> 养生食府		NH H
L Start time	2020-0	07-30 00:00 >	20# Balan		
L End time	2020-0	07-30 16:40 >	(1) • 203	20-07-30 00:00 - 2020-07-30 16:39	⇒ Slow
Device	JC4	00D-07405 >	(L) 09:10:30 2020-07-30	🕙 0.0km/h	⊘ 0.86 km ∨
	OK Cancel		JC400D-07405	C Rep	alay Show GPS>
			C	- 0 <	1