

REALPTT Dispatcher Manual

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Overview

REALPTT dispatching console is a multi-functional visual scheduling software based on REALPTT system. It has video, monitoring, broadcasting, group call, single call, positioning, tracking, track checking, checking call records, sending short messages and pictures, etc. Function, capable of scheduling accurately and quickly.

Conceptual description

REALPTT

- Group Call: After entering the group, you can make calls to all online users in this group, and you can also receive calls from other users in the group.
- Invite Dynamic Group: The dispatcher can select one or more online users to initiate an invitation, establish a temporary talk group, and perform partial user intercom.
- Speaking Group: The speaking group is the group that the dispatcher is talking on. In this group, the dispatcher can make a call to this group and can also hear the group's speech.
- > Force to Join: The dispatcher can force a user to enter the group.
- > **Disconnect**: The dispatcher can force a user to leave the group.
- **Stun**: The dispatcher can force a user to go offline and unable to login.
- Monitor: The dispatcher can listen to the voice of multiple groups, that is, the speech of each listening group, which can be heard by the dispatching console.
- Call Logs: View the voice record and play it back. The record is saved on the computer and can be found in the software installation folder.
- > All Call: Can call all of the groups that this dispatcher licenses joined.
- Group Broadcast: Call members for all online users of the current group, regardless of whether the users in this group or not. (Not yet, will be soon)
- Video Call: initiate a video request to a single user, and the video call can be made after the user agrees.
- Video Monitor: Multiple users can be monitored and monitored without the user's consent.
- Photo Record: Record the information that the dispatching station sends and receives pictures.
- Tracking: Real-time monitoring of a user's positioning trajectory. (Not yet)
- > **Mute**: Turning on mute will not hear the user voice.

Dispatcher Interface

1.1 Interface Partition

After the user successfully logs in to the dispatching station, the main interface of the console operation is displayed.



As shown in the figure above, the main interface of the dispatching station consists of the following parts:

Tool Bar: it includes "Exit", "Refresh", "All Call", "Call Logs", "Contact", "Photo Record", "Media Data", "Options", "Patrol", etc.

> **Status Bar**: Display the network status of the dispatching station, the name of the group, the name of the dispatching station, and the speaker;

> **Groups and member lists**: Located on the left side of the main interface, showing all the groups and group member information that the account has joined;

➤ **User list, video, and map display area**: Located in the middle of the main interface, displaying the information status of the members of the selected group, the video and the screen of the monitored user, and the positioning information of the user in the map;

> **Auxiliary area**: Located on the right side of the main interface, assists in displaying some functions of the dispatching station, such as call records, buddy lists, picture records, etc;

> Group PTT button: Click this button to perform group call;

> **GPS and message area**: Located below the main interface, it displays the sent messages, received messages, and user location information and fence event dynamics.

1.2 Icon Description:

lcon	Interpretation
	The icon of the users status
2	Online user, also in this group



2	Online user, but not in this group
8	Offline user
	用户定位状态图标
2	User with GPS in this group.
8	User with GPS but not in this group.
8	Offline users
	Hot key icon
Q	PTT Button
4	Mute icon
	Tracking icon
8	Tracking Start point
9	Each point
9	Stop point
8	End point

$\Box_{\mathbf{v}}$ Operation Introduction

2.1 Login Dispatcher

Open the console software, enter the account password on the login interface, check "Save Password", choose Area then click "Login", as shown below.

The account used to log in to the dispatching console is a user account created from the web management platform. The account cannot be logged in simultaneously with the radios, you can create a dispatcher account to login this PC dispatcher.



REAL-PTT1.0.5		×
Account:	ccw1	
Password:	•••••	
Area:	America ~	
⊠Save Pa	assword	
Login	g Exit	

2.1 Login Page

2.2 Tool Bar



2.2 Tool Bar

- Exit: Exit this time login;
- Refresh: Refresh users and group details;
- **Group PTT**: Start this group call
- > All Call: Start all of this dispatcher joined group to make call;
- > Group Broadcast: Can call all of this group online users, no matter

this group user in this group or not.(This not ready in this version, maybe near future.)

Call Logs: View the most recent audio record. The call log details are viewed in the auxiliary display area on the right, as shown in Figure 2.3. Double-click the record to play the record. The call log is saved on the computer, and the folder for the call log can be found in the folder where the dispatcher is installed.

➤ Contact: The contact who shows the account is shown in Figure 2.4. You can private call the user by double-clicking on the contact. The right-click menu can perform operations such as "send message" and "Stun" for the selected user.

> **Photo Record**: Display the sending and receiving records of the picture, click to view the picture, right-click picture to display the local directory where the picture is stored.

Tracking: Real-time monitoring of the positioning trajectory of selected users; (Not ready yet, will be soon.)

> **Options**: You can make some changes to the settings of the console. For example: shortcut settings for the PTT button, time zone settings, voice encoding settings, whether the map pops up, and whether to browse the image browser that comes with the window.





> **Patrol**: You can check the users patrol result and details.

2.3 Call Logs

2.4 Contact List

2.2.1 All Call

Click the All Call button to speak, all members of the different groups taht the users can hear dispatcher voice.

Line State:Connect to server succes: Name:RealPTT1 Group: CCW Test Contact: Fixed Group User Litt Video Map Q Group/CCW Test Contact: Online User (1/1/0) CCW Test (25/1/1) PMR Test (25/1/0) PMR Test (25/1/0) RealPTT6 Leonel radio1 RealPTT10 RealPTT11 RealPTT12 RealPTT13 [Offline] [⊡ Exit	C Refresh	Croup PTT	R All Call	Call Logs C	Contacts Pho	to Record	uedia data d	(i) Options	9.2 Patrol		⊲:
Fixed Group User List Video Map Q Group/CCW Test Contacts Q Online User (1/1/0) RealPTT6 Leonel radio1 RealPT10 RealPT111 RealPT112 RealPT113 [Offline]	Line State:0	Connect to s	erver succes!	Name:Reall	PTT1		Group: C	CW Test		Contact:		
Q Ame Ame RealPTT2 RealPTT2 RealPTT3 RealPTT4 Contine User (1/1/0) CCW Test (25/1/0) PMR Test (25/1/0) RealPTT6 Leonel radio1 RealPTT10 RealPTT11 RealPTT12 RealPTT13 [Offline] [Offline]<	Fixed (Group	User List	Video Map		C	Group:Co	CW Test			Contacts	::5(1/4)
Group PTT GPS infomation Received the message Sent message Fence event Ioffline GPS infomation Marine ID Speed Direction Elevation Status GPS information RealPTT6 1114221 0.00km/h North 0.00m This Group 2019-03-19	 Online Us CCW Tess PMR Test IWCE Tess TETRA (20 	Q ser (1/1/0) t (25/1/0) t (25/1/0) st (26/1/0) 6/1/0)	RealPTT6 (This Group) RealPTT14 [Offline]	Leonel [Offline] RealPTT15 [Offline]	radio1 [Offline] RealPTT16 [Offline]	RealPTT10 [Offline] RealPTT17 [Offline]	RealPTT11 [Offline] RealPTT18 [Offline]	RealPTT12 [Offline] RealPTT19 [Offline]	RealPTT1 [Offline] RealPTT2 [Offline]	3	RealPTT6 Leonel RealPTT3 RealPTT4 RealPTT5	Q
Group PTT GPS infomation Received the message Sent message Fence event Name ID Speed Direction Elevation Status GPS time RealPTT6 1114221 0.00km/h North 0.00m This Group 2019-03-19 15:41:42 Leonel 1114217 0.00km/h North 0.00m Offline 2019-03-19 01:58:02			RealPTT21 [Offline]	RealPTT22 [Offline]	RealPTT23 [Offline]	RealPTT24 [Offline]	RealPTT25 [Offline]	RealPTT3 [Offline]	RealPTT4 [Offline]	v		
RealPT6 1114221 0.00km/h North 0.00m This Group 2019-03-19 15:41:42 Leonel 1114217 0.00km/h North 0.00m Offline 2019-03-19 15:41:42	Group	p PTT	GPS infoma	ition Received the	e message Sent n Speed	nessage Fence	event tion	Elevation	Status	GPS time		Lat
Leonel 1114217 0.00km/h North 0.00m Offline 2019-03-19 01:58:02			RealPTT6	111422	1 0.00km/h	h North	1	0.00m	This Group	2019-03-19 15:41:42		22.555988
),	Leonel	111421	7 0.00km/ł	h North	h	0.00m	Offline	2019-03-19 01:58:02		(简 *
RealPTT10 1114225 0.00km/h North 0.00m Offline 2019-01-24 11:06:47		2	RealPTT10	111422	5 0.00km/ł	h North	h	0.00m	Offline	2019-01-24 11:06:47		(ALLYSSE
RealPTT11 1114226 0.00km/h North 0.00m Offline 2019-02-19 09:29:54			RealPTT11	111422	6 0.00km/ł	h North	h	0.00m	Offline	2019-02-19 09:29:54		

2.5 All Call

2.2.2 Call Logs

The Call Logs divided local audio and network audio, you can double click each audio then reply. ① The local audio is save on the computer, it only



record the audio from the dispatcher logged, you can find the local call logs on the installation files. ② Network audio then it need the licenses with save audio function, the network audio save on the server, you can from the web platform to check all of the audio.

Local Audio	NetWork Audio
CCW Test	► search
2019/03/19 00:0	0:0
[15:50:06] R	lealPTT6
[15:50:03] R	ealPTT6
[15:50:00] R	ealPTT6 03/2019
[15:49:57] R	RealPTT6 User:Rea
[15:49:54] R	ealPTTe IPTT6
[14:51:59] R	lealPTT1
[02:30:22] R	lealPTT7
[02:30:20] R	lealPTT7
[02:30:14] R	lealPTT7
PrePage	NextPage
1.101.490	How age

2.6 Call Logs

2.2.3 Contact

The contact is used to display the account's contact. You need to add a contact to the account in the web platform, and check the contact function to display it. Selecting an online contact to double-click will pop up the "PTT Call" option, which can establish a private call with a contact. Select the right button of the contact to perform the "send message" and "Stun" operations.

Exit	C Refresh	Group PTT	R All Call	Call Logs	Contacts	Photo Record	Media data	Options	9.9 Patrol		⊲:
Line State:	Connect to s	erver succes	Name:Rea	IPTT1		Group:	CCW Test		Contact:		
Fixed	Group	User List	Video Ma	P		Q Group:	CCW Test			Contacts	:5(1/4)
 Online U CCW Tes PMR Tes IWCE Te TETRA (2) 	Q Jser (1/1/0) st (25/1/0) st (25/1/0) st (26/1/0) 26/1/0)	RealPTT6 [This Group] RealPTT4 [Offline]	Leonel [Offline] RealPTT15 [Offline]	radio1 [Offline] RealPTT16 [Offline]	RealPTT [Offline RealPTT [Offline	10 RealPTT [Offlin] [Offlin] 17 RealPTT [Offlin	11 RealPTT12 [Offline] 18 RealPTT19 [Offline] 20 [Offline]	RealPTT12 [Offline] RealPTT22 [Offline])	RealPTT5	Q
Grou	» 19: PTT	RealPTT21 [Offline] GPS infom Name RealPTT6	RealPTT22 [Offline] ation Received th ID 11142	RealPTT23 [Offline] he message Sen Speed 21 0.00km	RealPTT [Offline t message	24 RealPTT e] [Offline Fence event] Direction North	25 RealPTT3 [Offline] Elevation 0.00m	RealPTT4 [Offline] Status This Group	GPS time 2019-03-19 17:41:	10	Lat ^ 22.556015
	Ĵ)	Leonel RealPTT10	11142 11142	17 0.00km	n/h n/h	North North	0.00m 0.00m	Offline Offline	2019-03-19 01:58: 2019-01-24 11:06:4	02 47	英简单



2.7 Contact

2.2.4 Photo Record

Display the send and receive records of the picture, double-click to view the picture, select the right button to open the picture at the folder location.



2.8 Photo Record

2.2.5 Media Data

If the user upload or make video call to others, and the dispatcher monitor others, all of the video or pictures data you can check through the dispatcher. If dispatcher account under A company platform, then all of the A company media data through the dispatcher can check it.

C 🔮 Refresh Group P	R TT All Call	Call Logs	Contacts	Photo Records	Media Data	(i) Options						
Line State:Connect To Se	erver Successfully.	Name:RealPT	T1	p.	Group:			C	ontact:			
Fixed Group	🛄 Media Da								= = 2	x Con	tacts:5(1/4)	
	Q Net Media										Q	
	Net Video I Date:	Record Docu	ment Record	Name: N	ame:	s	elect	elect all				
		Time	Ту	/pe	Sender account	nt Send	ler name	Re	Play			
	2019-	12-05 02:35:50	Uploa	d video	ccw2	L	eonel		Play			
	4 Total 1		Co to 1						•			
Group PTT	Iotai 1	. 1 > 1	Go to 1								Lat]]

2.2.6 Options

Group PTT hotkey: You can as your request to setup hot key on the keyboard then press PTT button to call.

REALPTT

All Call Hotkey: You can setup All Call hotkey on the keyboard.

Global Hotkey: You can make the dispatcher to be small but still can listen and speak.

Time Zone: You can as your country time zone to choose the correct one, otherwise it will be effect the GPS time on the map.

Distance Unit: This means when you see the speed, you can change their unit. **8KB voice codec**: If you choose 8kb voice codec then your radio must be is 8kb voice, otherwise cannot communicate each other, because most radio is default use 4kb voice codec. 4KB is low voice quality, 8kb voice codec will be with high voice quality.

Map Popup: If you choose this one, then when you open map, it can full screen to show map independent.

Use win picture browser: it means you can choose to use the photo record by the default browser.

PTT continues to talk: if you choose this one, then you do not need press PTT button all time, you just need click PTT when you start talk, then finished talk you click PTT.

Start PTT Mute: If you choose this means it is mute status, you cannot hear other voice.

Startup Automatically: When you open your computer, it can start-up by itself to login.

С	6	P	Ē.	2	ß	<u></u>	۲				
Refresh	Group PTT	All Call	Call Logs	Contacts	Photo Records	Media Dat	a Options				
Line State:Cor	nnect To Server	Successfully.	Name:RealPT	T1	-	Grou	p:PMR Test		Contact:	2	
Fixed	Group	User List	Video	Map	-		Q Group:PMR	Test		Contact	s:5(1/4)
	Q			Options				× 🥥	^		<u>ି</u> ପ୍
PMR Tes	t (38/1/1) ^			System Settir	ngs Video	Settings	Picture Settings			Leonel	
> CCW Tes	st (38/1/0)	Leonel	radio1	Group PT	T Hotkey.	Space	e	Radio31		RealPTT3	
> tesunho	(34/1/0)	[This Group]	[Offline]	A11 Cal1	Hotkey:	Ctr1	+ Num 1		1	RealPTT4	
> demo (3,	/1/0)			Global	Hotkey					RealPTT5	
> group 8	(34/1/0)	Padio22	Padio22	Time Zon	e:	UTC	+8:00 ~	Padio41		RealPTT6	
> group 9	(34/1/0)	[Offline]	[Offline]	Distance	Unit:	km	~	[Offline]			
> group 10	0 (34/1/0)			🗆 8kb Vo	ice Codec					1	
> group 11	1 (34/1/0)			□Map Po	pup						
> group 12	2 (34/1/0)	Radio42	RealPTT10	PTT Co	ntinues To T	alk		lealPTT1	5		
> group 13	3 (34/1/0)	[Offline]	[Offline]	Set PT	T Mute			[Offline]]		
> group14	(34/1/0) >	8	8	□Startu	p Automatica	lly		8	~		
Grou	ip PTT	GPS Infom	ation Received M	lessage Sent	Message Fend	e Event	_				
		Name	ID	Spee	ed	Direction	Elevation	Status	GPS Time		Lat ^
		Leonel	11142	17 0.00	km/h	North	0.00m	This Group	2019-12-05 10:35:4	6	22.555859
	J	radio1	11142	57 0.00	km/h	North	0.00m	Offline	2019-07-12 07:28:1	8	31.466208
	2	Radio2/	11142	50 0.00 61 0.00	km/h	North	0.00m	Offline	2019-07-18 15:24:2	7	24.877520
		Radiost	11142	0.00	Kinyn	North	0.00m	Omine	2019-03-29 01:07:0		-33.401314 V



2.9 Options

2.2.7 Patrol

Patrols include patrol plans, patrol routes, patrol points, patrol users, patrol events, and patrol results. There are two ways of patrol: NFC patrol and GPS patrol. Users can plan patrol points, tasks, and routes by themselves. In the patrol menu, you can query the implementation of the patrol plan set by the enterprise, and view the event results returned by the user's patrol.

2.2.7.1 Patrol Plan

Select the patrol plan you want to view, select the patrol point you want to view from the list of patrol points, check the number of inspections, the number of inspections, and the number of inspections. View the patrol.

Germany Day	Select the	ust 🗸					
Corget Allteam		Start Time	End Time	PatrolCount	Checked	UnCh	Operatio n
zdh测试1 Work Plan Off Work Plan	∋st	9:0:0	12:59:59	1	0	39	Check De Unchecl

3.0 Patrol Plan

Check-in details: Show details of all patrol records on the day of the patrol plan; View unchecked users: View the users who have not performed patrol on the same tour plan.

Patrol	Plan Patrol Event							C Refresh
Fire	inspection \vee Se	elect the user to view \sim						
Seq	patrol Point	Start Time	End Time	PatrolCount	Checked	UnChecked	Operation	
2	1 floor North Gate	0:0:0	23:59:59	10	3	177	Check Detail Unchecked use	rs
3	1 floor South Gate	0:0:0	23:59:59	10	10	170	Check Detail Unchecked use	rs
4	1 floor East Gate	0:0:0	23:59:59	10	0	180	Check Detail Unchecked use	rs
5	1 floor West gate	0:0:0	23:59:59	10	2	178	Check Detail Unchecked use	rs

3.1 Patrol Plan

2.2.7.2 Patrol Event

Patrol events can view all patrol details of the day, including patrol practices, patrol user names, patrol events, patrol results, and more. Filter and query



according to user name, patrol event, and patrol results.

					- 🗆 X
Patrol Plan	Patrol Eve	ent Export Report			C Refresh
Enter name	event or rest	ult t			
Time		Name	Event	Result	
	7.00.53	ID:111/218	DealDTT	successfully	

3.2 Patrol Event **2.2.7.3 Patrol matters needing attention**

The account logged in to the computer dispatching console needs to be added to the patrol dispatching user list in the Patrol Management-> Patrol Dispatching Users menu of the company platform in order to use the patrol function normally on the computer dispatching console. If it is not the patrol dispatch user, the "patrol" menu will not be visible on the computer dispatch console. When the user performs positioning patrol and NFC patrol operations, if the result of the bound task belongs to the type of "dispatching platform warning", the computer dispatching platform will automatically pop up a reminder of the execution result of the patrol task when performing the patrol result. There is a blue refresh button on the top right corner of the patrol plan and patrol event query page. After clicking the refresh button, the latest query data will be obtained again.

Patrol Plan Pat	trol Event		🧭 iwce2 🛛 🗙
Enter name event	or result t		Fire inspectioninspected
Time	Name	Event	Result
2019-04-02 17:05:3	31 iwce2	Fire inspection	inspected
2019-04-02 17:04:0	02 iwce2	Fire inspection	have a meeting
2019-04-02 17:03:4	40 iwce2	Fire inspection	inspected
2019-04-02 17:03:1	17 iwce2	Fire inspection	have a meeting
2019-04-02 17:03:0	16 iwce?	Fire inspection	inspected



The status bar is used to display the connection status of the network, the name of the account, the group where the account is located, the user who is speaking, etc.

Line State:Connect to server success Name:RealPTT1 Group: CCW Test Contact:
2.10 Status Bar

2.4 Group Details

The group list will list all the group information added by the dispathcer account, the purple arrow indicates that the dispatching station is monitor the group, and the blue arrow indicates the group where the account is currently located.

Select a group double click to enter the group, right click on the group to perform the following operations on the group:

- > Send a message: send messages to all this group users.
- Leave conversation: leave current group, no more in this group communication.
- Force to join user: Make all this group users come into this group to communication.
- Disconnect user from group: Make all this group users leave this group, no more in this group communication.;
- > Enter into group: Enter into the group that you choose.
- > Monitor this group: Monitor the group that you choose.
- Add multi group show in map: You can add this group users show on the map, then view this group users location.



2.11 Group Details

2.4.1 Send messages to group

Select the right button of the group, click Send Message, enter the content to be sent, and click "Send Message". The user who is online will receive the



message. The sent message can be viewed in the information display area.

Send messages to members (2/3G linux radio only can have 20 characters,

4G radios can get 100 characters from dispatcher.)



2.12 Send Messages

2.4.2 Force to join & Disconnect

Force to join: Right click the group that you choose when click "force to join", then this group users will be force to come into this group to communication.

Disconnect: Right click the group that you choose then click "Disconnect" then this group users will be disconnect, leave this group.



2.4.3 Monitor Group

Select another group right button, click to monitor this group, you can hear this group voice, the arrow is purple then means this group already monitored by this dispatcher.



2.14 Monitor group

2.4.4 Add multi group show in map

Right click on "Add multi group show in map" and switch to other groups. The member positioning of the group will always be displayed on the map. Right click on Cancel to cancel the display of the members of the group on the map. The group displayed by the added group map is marked with a red icon.

E)	C		@				<u>III</u> Madia data	() Ortions	e e	
Line State:	Connect to s	server succes	Name:	RealPTT1	contacts	Group	: CCW Test	opions	Cor	itact:
Fixed	Group	User List	Video	Мар		Q Group	TETRA			
> Online U	Q Jser (2/2/0)	Setting		/	🥂 📕 [3 🔹 🔵 🏠				
CCW Te	st (25/2/0)	Fence					Show tra	ick		X 1
V PMR Tes V IWCE Te TETRA (2	st (25/2/0) est (26/2/0) 26/2/0)	Member				2 ⁹	Start time End time Display p	e: 2019/03/11 : 2019/03/11 oint time inte Last min	9 00:00:36 9 16:16:36 rrval: 5 M0 ute Export	s
Grou	ορ PTT	+ - GPS infor	mation Rece	ived the message J	Sent message	Leaflet Map data	© OpenStreetMap	contributors, CC	-BY-SA, Imagery ©	Mapbox

2.15 Add multi group show in map

2.5 User Details

Select the online user **right-click** operation: send photo, send messages, invite dynamic groups, force to join, Stun, remote, etc.;

Select user **double-click**: Private call, video call, video capture, video monitor, view on map, etc.



1P



2.17 Double click user

Exit	C Refresh	Group PTT	All Call	Call Logs	Contacts	Photo Record	unia data	O ptions	Patrol	⊲:
Line State:	Connect to s	erver succe	es: Name	:RealPTT1		Group	: CCW Test		Contact:	
Fixed	Group	User List	Video	Map RealF	TT6	Q Group	CCW Test			Contacts:5(1/4)
	Q									٩
CCW Te	st (25/1/0) 个	Sen	d Photo							RealPTT6
RealPT	T6 [Free]	Realf Sen	d Message							Ceonel
Leonel	[Offline]	Invi	te dynamic g	roup						RealPTT3
Radio1	[Offline]	Ford	ce to join							RealPTT4
RealPT	T10 [Offline]	Stu	n							RealPTT5
RealPT	T11 [Offline]	Lon	e worker time	e						
RealPT	T12 [Offline]	View	w on Map							
RealPT	T13 [Offline]									
RealPT	T14 [Offline]									
RealPT	T15 [Offline]									
< RealPT	T16 [Offline] ¥									

2.18 User list details

Selecting the online user right click in the user list can send messages, invite dynamic group, foce to join, stun, lone worker time, view on map.

2.5.1 Send Photo

Select the user then right click, choose "Send photo",



2.19 Send photo

Click on the photo record in the toolbar to view the send and receive records of the picture in the auxiliary display area. Double-click the record to open the picture. Select the record right button to view the location of the picture in the local folder.





2.20 Photo Record

2.5.2 Send Messages to user

Select user to right click of the online user, select Send message, input the content to be sent, and click "Send Message". Messages sent and received can be viewed in the information display area below.



2.21 Send Messages to users

2.5.3 Invite Dynamic Group

Press shift key to select multiple online members, then right click on "Invite Dynamic Group" to create a new dynamic group. And the group name is the user who created this dynamic group to be this new dynamic group name. Double click to enter other groups and the temporary group is dissolved.

Exit	C Refresh		R All Call	Call Logs	Contacts	Photo Record	Media data	(j) Options	Patrol		⊲:
Line State:	Connect to s	server succe	s: Name:	RealPTT1		Group	RealPTT1		Contact:		
Fixed	Group	User List	Video	Мар		Q Group	RealPTT1	13 C		Received Photo	Sent Photo
	Q									2019-03-20	
RealPT	T3 [Offline] ^									16:53:30_RealPTT	б
RealPT	T4 [Offline]	Leonel	RealPT	Тб							
RealPT	T5 [Offline]	[This Group] [This Gro	pub]							
RealPT	T7 [Offline]										
RealPT	T8 [Offline]										
RealPT	T9 [Offline]									1	
> PMR Tes	st (25/2/0)									1	
> IWCE Te	st (26/2/0)										
> TETRA (2	26/2/0)										
RealPTT	1 (2/2/2)										
<	~										
Grou	ip PTT	GPS info	mation Reco	eived the message	Sent message	Fence event					





2.22 Invite Dynamic Group

2.5.4 Stun

After clicking Stun, the user is forced to go offline, the user status is also offline, and the account status becomes pause. It needs to be reactivated on the web company platform then it can be used normally.

2.5.5 Lone Worker time

Select the user, right click "Lone worker time", add monitoring time, if the user does not speak during the monitoring time, an alarm prompt box will pop up, indicating that the user has no communication activity during the monitoring time, and the user icon will display busy status.



2.5.6 View on map

You can choose user right click then "view on map" to check the history tracking of users. Or you can go to map then right click users on the map to choose "show tracking".

Shenzhen Corget Technology Co., Ltd 0% \mathbf{C} 0 ଭ Ē. 包 ... ⊚ € Line State:Connect to server success Name:RealPTT1 Group: IWCE Test Contact: User List Q Group:IWCE Test IWCE Test (26/2/1) Send Photo RealPTT10 RealPTT11 RealPTT12 oh radio1 RealPTT6 [This Grou Send Message e] [Offline] [Offline] [Offline] [Offline] Leonel [CCW Test] Invite dynamic group Erich Floh [Offline] Disconnect radio1 [Offline] RealP1 Stun **F15** RealPTT16 RealPTT17 RealPTT18 RealPTT19 RealPTT10 [Offline] [Offlin Lone worker time [Offline] [Offline] [Offline] [Offline] e] RealPTT11 [Offline] on Map RealPTT12 [Offline] RealPTT20 RealPTT21 RealPTT22 RealPTT23 RealPTT24 RealPTT25 RealPTT3 RealPTT13 [Offline] [Offline] [Offline] [Offline] [Offline] [Offline] [Offline] [Offline] RealPTT14 [Offline] RealPTT15 [Offline]

When you click view on map or show tracking of the user, then you can make the mouse to the users to see the last time this user uploaded GPS time, if the user last time upload GPS is 10:00am 2019-3-20, then you only can get the tracking less than this time, cannot over this time. If the user upload GPS point is same, then unable to show tracking, it will be remind less than 2 points gps, so you can try to change the start time and end time to check another time tracking.



2.24 View on map

2.5.7 Tracking (Not finished yet, will be soon.)

2.6 User list/Video/Map

User List

The user list mode is used to display group user information, including the status of the user, the name of the user, and the group information of the user.



Video Model

The video mode is mainly used to display video call and video monitor, it can perform 32 channels of the video monitoring at the same time.



≻ Map

Map mode for displaying user positioning and track information.



^{2.26} Map

REALPT 三、Video Function

The dispatcher account need choose "Video" function on the web platform then can login this dispatcher to show video mode. The radio hardware need buy video function from the platform also with camera to support video. The video model is divided into video chat, video capture and video monitor. The video call can only be performed for 1 user, if user is video chat then unable to press PTT to communicate.

3.1 Video Chat

Select the user to double click on "Video Chat" and wait for the other party to accept the video call. If the other party does not respond, the video call will automatically end after 20 seconds. If the other party accepts the video, the video call is successfully established. When the other party sends a video request, a prompt box for the video invitation will pop up in the lower right corner.



3.1 Invite Video Chat

At the video top map, you can click "hang up", then the video will be finished. The video interface show 6 small icon: Mute model, screenshot, resolution, rotate, switch and forward. If you choose mute, then cannot hear the voice from user, users cannot hear dispatcher too, but you can hear the voice from this group members for PTT; Screenshot means you can catch the video screen to save pictures; Resolution means you can choose different resolution; Rotate means you can rotate this video, Switch means you can choose the background camera or in front of camera; Forward means you can forward this video to other users.

RE		LI	7					Shenz	zhen Co	rget Te	echno	ology Co).,
⊡ Exit	C Refresh	Group PTT	R All Call	Call Logs	Contacts	Photo Record	Media data	Options	Patrol		į	⊲:	
Line State:C	onnect to s	server succe	es: Name:Re	ealPTT1		Group	: IWCE Test		Conta	act:			
Fixed G	roup	User List	Video 🕴	Лар		Group	Online User			Receive	ed Photo	Sent Photo	
Hang u	Ip - Q	-Hang line	[[Leonel]Chattin	g Line i	2	Line	3	L	ne 4	2019-0	3-20		
〈 Online Us	er (2/2/0)		4							17:15:51	I_RealPTT6		
Leonel [Chatting]		1000			1				16:53:30	RealPTT6		
RealPTT	5 [CCW Test]	Screenst	ot Rotate										
> CCW Test	(25/2/2)		Circle 1	and the second second									
> PMR Test	(25/2/0)	9 00 2	100 C	Forward			.7						
> IWCE Test	(26/2/0) ^{Set}	Resolu	Switch	Line	2	Line	:/	U	ne 8				
> TETRA (26	/2/0) ^{Mu1}		Vie	ieo Channe									
<	>		8 16 32										
Group	PTT	GPS inf	omation Receive	d the message	Sent message Fe	ence event	Personal MC	6		MECID	LICERID		
		Status	03-20 15:37:39			RealPTT6	hello, how an	e vou? I'm Erica	from realptt syste	0	1114221		

Ltd

3.2 Operate Video

Double click on the video interface and the video interface will be zoom in full



screen.

3.3 Full screen video

3. 2 Video Monitor

Select the online user to double-click to select video monitoring to monitor the user terminal device. This monitor do not need accepted by users, and they will be not know this monitor, video can monitor 32 channels at the same time. At the monitor mode, the dispatcher still can hear the group voice, one side can group call, one side can monitor radios.



3.4 Monitor Users

3. 3 Video Capture

Select the online users to double-click, then choose "video capture" so you can monitor this users, this capture also do not need users accept then can monitor, but the users can know his radio already by monitored, that is different with video monitor.



3.5 Video Capture

3. 4 Video Example





8 Channels

16 Channels



3.6 Multi-Channels Switch

3. 4 Video Forward

After clicking the video forward pop-up interface and selecting the user to click Confirm, the video can be shared to the selected user in real

time.





四、Map

View user location need setup the user account functions: ① the licenses need choose GPS positioning on the web platform; ② The dispatcher also need have

"view location" & "display group members" two functions, ③ The radio need have GPS functions, then open the GPS and need outside of the radios. ④ The radio need positioning successful then upload gps info to server then can see on the dispatcher map, otherwise any point of this is failed cannot see the location on the map.

The map function is mainly used to view user positioning and tracking, and can also set operations such as electronic fence, route marking, ranging, circle calling, etc., and can also customize user icons. The map interface is mainly divided into a positioning and track display area, a function operation area and a function setting area.



4.1 Location and Tracking

4.1.1 View Location

Make the mouse on the user icon then will be show the users last time location details, Like name, the last time uploaded GPS time, Lat, Ing, speed, direction and elevation.



4.1 User Location

4.1.2 View user tracking

You can choose user then right click "show tracking" then setup the start time, end time then can get the history tracking during this time.





4.2 Functions Operation Area

The top functions area includes geo-fencing, draw fencing, draw line, mark,

multiple selection, polygon selection and distance measurement.

4.2.1 Geo-fencing

Click on the geo-fence, click on it to draw the electronic fence on the map interface, double-click to complete the drawing input name, enter the name and click to confirm, you can display it in the fence list, you can delete and display the fence.



4.2.2 Draw Line

After clicking, draw line on the map interface. Double-click to finish drawing then input name. After entering the name and clicking to confirm, it can be displayed in the fence list, and the fence can be deleted and displayed.

		M T 7 0		Fence		×
Setting				Right click on	the graph in the	list to operate
KML			*			
Fence				Lin	e One	
Member					Delete	
Map +	satellite				Map center	
Göógle				Setting	Import	Export

4.4 Draw Line

4.2.3 Mark

After clicking, draw mark on the map interface. Double-click to complete the input name. After entering the name and clicking Confirm, it can be displayed in the fence list, and the fence can be deleted and displayed.



4.5 Mark

4.2.4 Multiple and Polygon Selection

Circle selection is used to select a user on the map to create a temporary dynamic group for communication. Click the circle icon, then circle the user on the map interface. After selecting the user, click "PTT Call" to create a temporary group.



4.6 Multiple Selection



4.7 Polygon Selection



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4.2.5 Distance Measurement

A tool for making straight line measurements on a map.



4.8 Distance Measurement on the map

4.3 Setting Functions Area

4.3.1 Setting

Setting main includes show name, latched call position, beyond the range hint, setup base color,location, track speed, setup user icon and choose map.



> Show name

Click to check or remove the hook line to see if the user name is displayed on the map interface.



Latched Calling Position

In the upper column of the map interface, check the speaker in the group, the map will follow the speaker's location, and the speaker's position will be displayed in the center of the map.



Beyond the range hint

After checking this setting, there will be an alert after the users position is out of the geo-fencing.

	NANSHA 奥山银 南沙区 G9411		ence	Я		Fanhe Harbo
Set	ting Setting	CT DISTRICT 2011	B Right click on the grap	ph Alert Warning R range!	ealPTTô —Beyond the	e mark om
6	Show name	SZHEN S33 RESIDENTIAL DISTRICT Q	Line		1 N	
	 Latched calling position beyond the range hint Only one alarm outside the fence Show traffic 	Gd Gd GAO/AN SAD/AN Shenzher	Mark	Alert Warning R range!	ealPTT4 —Beyond the	× e mark #
1	base	RealPTT4 深圳市	nor	<u></u>		
1	Online users	Shuiwantou Bay 9	1		Dasanmen	Dava Paul
	Track speed	10 3	0		Island 大三门岛	大亚湾
	Red balloon	an	2			
	Google Map	Tai Lam Country Park 大概的野公園	Setting Imp	ort Export		
			<u></u>		ap data ©2019 Google	Terms of Use

> Only one alarm outside the fence

It means you choose this setting then each user out of this geo-fencing then only alarm at the first time, not always with alarm.





> Show traffic

It means you can show all of the world of the traffic, so you can tell your users which road is better.

) Settin	g coastal.Rd	KWAL FONG	Kam Sha W C Ountry Park Gountry P C O O O C Country Park 筆出館野公園	5
	Set	tting	×	TSZ WAN SHA	C
		Show name Latched calling position beyond the range hint Dnly one alarm outside t Show traffic	he fence	Shek Kip Hei Zark CRUK-UN CRUK-UN CRUK-UN CRUK-UN CRUK-UN Shek Kip Hei Zark CRUK-UN Shek Kip Shek Shek Kip Shek Shek Shek Shek Shek Shek Shek Shek	Hoi Univ Scie Tec Tec
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	Ø	Online users	-	KALTAK NGAUNAUNKOK	METRO CIT
	Ø	Track speed	*	Hong Kong	新都城
	ø	Red balloon	-	Hei Sham Park	TS O
G	ę	Google Map	•	構成22課 Kowloon Bav 九龍浦 Map data ©2019 Google Terms of Us	e Report a map error

Base

Change the color of the interface after selection

Set	ting		×	Setting]	
1	Show name			Show	name	
	beyond the range hint			Latch	ed calling position	ı
	Only one alarm outside the Show traffic	ne fence		Only of Show	one alarm outside traffic	the fence
Ð	base	•		🛡 🚺 le-f	frog	•
2	Online users	-		🛡 On	line users	-
2	Track speed	*		🛡 🕇 Tra	ick speed	•
Ş	Red balloon			Re	d balloon	
1				-		

> Location

Online user: Displays the location of the online user. When the online user has no real-time positioning, it is displayed at the last positioned position.

Fifth-minute real-time user: Displays users who have location information within fifth minutes of real-time. (For example, if user1 the last gps update is 3:15pm, but he is office right now, and right now time is 3:15pm, so it still can show user1 on the map, because before 3:15 pm during 15 mins, the user1 still have location, so that is why can show offline users of the real time.)

All users: Displays information about the last location of all users.



		Setting RealPTT17	Setting ×
ResPT2	Setting Setting Setti	Show name Statched calling position Source the same bint Chrone nature outside the fence Show traffic bitter Real time location Track speed Red balloon Google Map	Show name Latched calling position beyond the range hint beyond the range hint beyond the range hint bitzer bitzer code the fence tast location Tack speed code the balloon code the balloon

> Tracking Speed

Set the playback speed of the user tracking.

1	Show name	
1	Latched calling position	
-	beyond the range hint	
1	Only one alarm outside the fence	
1	Show traffic	
ę	blitzer •	
ę	Last location •	
P	Track speed 🔹	
ę	Track speed	
ę	The fastest speed	
0.521	Easter speed	

User icon show on the map

The icon of the positioning is displayed (Yellow Cap, Small Man, Blue Balloon, Red Balloon, Police, Vehicle), select the corresponding icon, and the user

displays the corresponding icon on the map interface.



> Choose Map





Right now we can support Google and Mapbox.

Google Map



Map Box

4.3.2 KML

KML file description: KML file is a kind of geographic information file created by Google company to describe and save track parameters such as time, place, latitude and longitude, altitude.

Setting	KML Setting	1
KML		
Fence		
Member		
Map Satelli +	e .	
Google	Save Add Open local Map clear	

- > Add: You can add the KML link.
- > Open local: Select the local KML then import.

REALPTT

- > Map Clear: Cleaner the KML link on the map.
- Save: Save KML link.
- > Modify: Modify the current KML file.
- Show: You can show the KML route on the map.

4.3.3 Fence

When you click on the fence, information such as fences, lines, and markers added to the map will be displayed.



Fence

The following figure shows the alarm user settings for the electronic fence. By default, all users have alarms, and users who need to alarm can be customized.



Export: Save the electronic fence file drawn on the map as a file on your local computer.

Import: The electronic fence file that guides you into the local computer and displays it on the map.

4.3.4 Member

Give each user a custom location icon for the map interface. Select the user



name on the right and click the icon on the left to set the corresponding icon for the user.



4.4 Information Area

4.4.1 GPS Information

Displays specific information about the user's location, including user name, user ID, speed, direction, altitude, status, positioning time, and latitude and longitude.

GPS infomation	Received the message	Sent message	Fence event				
Name	ID	Speed	Direction	Elevation	Status	GPS time	Lat ^
RealPTT3	1114218	0.00km/h	North	0.00m	This Group	2019-03-22 17:01:42	22.556021
RealPTT4	1114219	0.00km/h	North	0.00m	This Group	2019-03-22 17:01:26	22.556000
RealPTT6	1114221	0.00km/h	North	0.00m	TETRA	2019-03-22 16:01:44	-33.508617
Dxnet3	1114245	0.00km/h	North	0.00m	Offline	2018-05-04 05:24:12	56.055389

4.4.2 Fence Event

Fence event is a record of a user entering and leaving an electronic fence after adding an electronic fence. The displayed content includes the user's ID, the user's name, the event (inward or out), the fence (the name of the electronic fence), the positioning time, the longitude, and the latitude.

GPS in	fomation Received the mess	age Sent m	essage Fence event				
ID	Name	Event	Fence	GPS time	Lat	Lng	^
1114219	RealPTT4	Out		2019-03-22 16:54:01	22.556000	113.942932	
1114218	RealPTT3	Out		2019-03-22 16:53:41	22.555990	113.942924	
1114219	RealPTT4	Out		2019-03-22 16:53:26	22.556000	113.942932	
1114221	RealPTT6	Out		2019-03-22 15:54:48	-33.508617	-70.708267	
1114218	RealPTT3	Out		2019-03-22 16:53:11	22.555990	113.942924	~

4.5 SOS

When the end user encounters a danger to issue an SOS distress signal, the dispatcher will receive the user's distress signal and display the user's location on the map interface. The record of sos alarm information can be viewed in the



received information.

User List	Video	Мар	Q Group:CCW Test	Contacts:0(0/0)
			🖑 📕 🖸 🔹 🔿 🖕	Q
Setting				
KML			×	
Fence			RealPTT3: SOS!	
Member				
			Alarm	×
Мар	Satellite		RealPTT3 RealPTT3 : SOS!	
+			RealPTTE Display on the map	
Google			RealPTT9 RealPTT7 RealPTT7 Map data ©2019 Terms of Use Report a map e	rror
GPS inf	omation Recei	ved the messad	e Sent message Fence event	

SOS Alar



