REAL-PTT

Network Trunking Intercom System

1. PTT Dispatcher Station

- 1.1 Interface Instruction
- 1.2 Usage
- 1.3 Missed Calls List
- **1.4. Received Message List**
- 1.5 Sent Message List
- 1.6 Message Sent area

1. Dispatcher station

Real-PTT Dispatcher station, which is based on multifunctional and visualization dispatching system, It includes private call, group calls, sending message, inviting dynamic group, disconnecting, stuning, monitoring, GPS positioning etc. It can provide timely dispatching function for company. Operation environment of RealPTT Dispatcher station is Windows XP, it is recommended to use 1024 x768 screen resolution.

1.1. Interface instruction

1.1.1. After the user has successfully logged dispatcher station, the system automatically displays the main interface dispatch operations



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Exit Refresh Group	Calls Call Logs Contacts	Toolbar		Status bar	REAL	-PTT
Line State:Connect to serve	er successfully. Name	:erica	Group: test		Contact:	
Fixed Group	Shift Map	Q	Group:test			Local Audio NetWork Audio
Q test (11/1/1) Hktest (10/1/0) Group list	wendy[This Alex[Offline] Group] wi[Offline] xiaoli[Offli Us left	andy[Offline] cindy[Offli dis er display area(Click gr the display all relate group or all user statu	(Offline) hk[Offline] jack[O	ffline] tom[Offline] wer	dy1[Of	2016-05-16 16.39.07_wendy_test.wav 16.39.03_erica_test.wav 16.31 of_wendy_test.wav 16.32 erica_test.wav 16.32 erica_test.wav 16_37_39_erica_test.wav 16_37_36_erica_test.wav 16_37_25_wendy_test.wav 16_37_19_wendy_test.wav
Unanswered us Time N社5 04-28 03:49	Time sender	Received MSG	S Time R	eceiver Sent MSG		Please choose group or us <mark>Send</mark>
Missed calls list	Receive	d message list	Se	ent message		Edit Message

dispatch station master interface



As shown above, master interface of dispatch station consists of the following components:

- Toolbar: It provides "exit", "refresh", "group calls", "call logs", "contacts" and "audios", etc ,it can help users to quickly view.
- Status bar: It can display the network state of dispatch station, the group info, the name of login in and the speaker info, etc.
- Group list: It is on the left side of master interface, it can display all groups and group information.
- User display area: It is on the right side of group directory, It can display information and status of group members.
- > Auxiliary display area: it is right side of user display area, It is mainly assist dispatch station functions display, such as viewing friends, viewing audios, etc.
- Missed calls list: It is lower side of the group list, when other users make a private call ,as the dispatch station are on conversation, he can't answer calls.
- Received message list: It is on the left of missed call list, It shows all the received info.
- Sent message list: It is on the right of received message list, It displays all the information has been sent.
- Message sent area: It is on the lower right corner, It can edit the message to be sent.

User status can be displayed by icons, the meaning is as follows:



User status icon: It shows that user is online but not in the current group, so he can't hear current group speech, at the same time he can't speak in the current group.



Users in the group

User status icon : the user is in the currently selected group, he can make calls directly to the group.

Offline status

User status icon: the user is not online, he can't hear speech of current group.



Users in the group

User status of map mode: the user is in the currently selected group, he can make calls directly to the group, It mean this user can directly hear speech of the current group.





User status of map mode: It shows that user is online, but he can't hear the current group speech, at the same time also he can't speak in this current group.

1.2. How to use

1.2.1. Login Settings

After run the dispatch station, you can enter login interface of client program, as shown below. When you login , you need to input account and password, select area and also you can save the password, It can reduce troubles when you login this screen every time.

Account:	eutest	
Password:	*****	
Area:	South Africa	•
⊽ Sa	Ireland Costa Rica Russia	
	Canada Australia	~
	ain	Exit

<mark>1.2.2. Tool bar</mark>



- > Exit: logout this dispatch station.
- > Refresh: refresh the user and group info.
- Group calls: make calls to all members in this group, if the dispatch station is on the group of a private call or dynamic group calls, it shows a private call or dynamic group calls.



- Call logs: It can view this recent call logs, calls logs can be displayed in the right auxiliary display area, it is shown in figure 1, It can show these call logs when you double-click each record.
- Contacts: It shows friends and status of the dispatcher, It is shown in figure 2. You can make a single call to the user when double-click this user, when you open right menu, it can operate "send a message" and "inhibition" operation and so on for the selected user.



Figure 1

Figure 2

1.2.3. Status bar

The status bar display: network connection status, the dispatch station name, dispatch station group, speech user info, etc.

Line State:Connect to server successfully. Name:CH4

Group: SECAPA AD

Contact:



1.2.4. Group operation

Group list can list all group information of the dispatch station. The red arrow shows dispatch station is monitoring this group, the blue arrow shows the talking group of the dispatch station. Select group, display area can show the user information. Double-click to enter a group ;select a group, and operate "enter", "leave", "monitor", "send message", etc. on the group through the right-click menu. As Showed below.

astest1			
I (•	1 💣 🖆	
ine State:Cor	nnect to s	erver successfully. Name:astest1	Group: astest
Fixed G	roup	Shift Map	Group:AB
≥astest (3/1/ AB (3/1/0)	(1) Send Me	astest2[aste astest3[Offli astest4[Off	1i
	Enter int	o group	
	Cancel r	nonitor	



1.2.5. User display

User display area shows user information of the selected group in the group list, including user status, user name and user's group information. There are two modes: the one is grid view mode, the other one is map mode. Switch view mode through the "shift map" button. As showed below:

e State:Connect to	server successfull	v. Name	Eutest one			G	oup: Grou	03	Contact:	
Fixed Group	Shift Map	j	Q		Group:0	Grou	ip2			Friends:0(0/0)
C	2	2	2	8	2					
Group3 (5/1/1)	Futart	outot	Futort	Mr	wondulOffli					
Group2 (5/1/0)	two[Group3]	d[Offline]	three[Offli	cat[Offline]	wendy[Onn					
Group1 (6/1/0)										
group4 (1/0/0)										
group5 (1/0/0)										Г
group6 (1/0/0)										4
group7 (1/0/0)										
group8 (2/0/0)										
group9 (2/0/0)										
group10 (2/0/0)										
group11 (1/0/0)										

Display all users in a group



User Location



In user display area, select user and operate user through the right-click menu. operate "send message", "invite dynamic group", "disconnect" and "stun" on the users who are not in the group. As shown below:

Eutest one													0 X
Exit Re	efresh Group	p Calls Call Log	gs Contacts						1	REA	1L-1-		
Line State:Con	nnect to sen	ver successful	ly. Name	Eutest one			G	roup: Gr	oup3		Contact:		
Fixed G	roup	Shift Map		Q		Group	:Gro	up2				Friends:0(0/0)
Group3 (5/ Group2 (5/ Group1 (6/ group4 (1// group5 (1// group6 (1// group6 (1// group7 (1// group8 (2// group9 (2// group10 (2 group11 (1	Q 1/1) 1/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0) 0/0)	Euter twojGro	d Message e dynamic gro e to join	Eutest vee[Offil	Mr cat[Offline]	wendy[Offii.						[Q
Unanswered us	Time	Time	sender	Received MSG	à	r	S	Time	Receiver	Sent MSG		Please choose grou	p or us <mark>Sen</mark>

Right-click on the user function

PTT Dispacther Station											- 0
	1 🎓	-								<u> </u>	
Exit Refresh Grou	up Calls Call Logs	s Contacts									
ne State:Connect to se	erver successfully	y. Name	Eutest one			Grou	p: Grou	o3		Contact:	
Fixed Group	Shift Map		Q		Group:G	roup3					Friends:0(0/0)
Group3 (5/1/0) Group2 (5/1/0) Group1 (6/1/0)	Eutest two[Free]	eutest d[Offline]	Eutest three[Offli	Mr cat[Offline]	wendy[Offli						c
group4 (1/0/0) group5 (1/0/0)											Ē.
group6 (1/0/0) group7 (1/0/0)											
group9 (2/0/0)											
group10 (2/0/0) group11 (1/0/0)											
nanswered us	Time	sender	Received MSG		F	5 Tim	1e	Receiver	Sent MSG		Please choose group or us

Operations on users not in the group



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Exit Refresh	Group Calls Call Logs Conta	cts
Line State:Connect t	to server successfully. Nar	me:vguard8
Fixed Group	Shift Map	Q Group:
>vguard (5/4/1) test (4/4/4)	Send Message Invite dynamic group Disconnect Stun	. vguard4[test] vguard6[test] vguard7[Of
	Operations on user	s in the group

Double click on the right, you can make a private call to any user or view the user's track. As shown below:

Exit Refresh	Group Calls Call Logs	Contacts		Gra	upi Croup	2		Contact	
Line State:Connect	to server successfully	. Name:Eutest one		Gro	up: Group	2		Contact:	5-1
Fixed Group	Shift Map	Q	-	Group:Group	5				Friends:0(0/0)
Group3 (5/1/0) Group2 (5/1/0)	Q Private c	all Eutest Map three[Offli	Mr wenc cat[Offline]	dy[Offli					Q
Group1 (6/1/0)									
group4 (1/0/0)									
group5 (1/0/0)									r
group6 (1/0/0)									•
group7 (1/0/0)									
group8 (2/0/0)									
group9 (2/0/0)									
group10 (2/0/0)									
group11 (1/0/0)									
Unanswered us Time	Time	sender Received MSG	3	S Ti	ime	Receiver	Sent MSG		Please choose group or use

Operations private call for online user



In the grid view mode, you can double-click offline user to view previous track. As showed below:

ne State:Connect to s	erver successfully.	Name:Eutest one	Group: Group3	Contact:	
Fixed Group	Shift Map	Q	Group:Group3		Friends:0(0/0)
Group3 (5/1/0) Group2 (5/1/0) Group1 (6/1/0) group4 (1/0/0) group5 (1/0/0) group6 (1/0/0)	Eutest two[Free]	Contraction of the second seco	r wendy[Offli fline]	•	c
group7 (1/0/0) group8 (2/0/0) group9 (2/0/0) group10 (2/0/0)					
group11 (1/0/0)					

Offline User show "view on map"



You selected one user and double click then choose "View on map", it will be show above pic, then you can choose time zone, export track, focus on speaker, show offline user etc. If you click "Obtain" and choose time, then it will be show that time all day tracking, as below.



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• PTT Dispacther Station								– 🗗 ×
Exit Refresh Grou	p Calls Call Log	gs Contacts					REA	L-PTT
Line State:Connect to ser	ver successful	lly. Name:	110撒都撒都郭松		Group: indo	onesia	Contact:101措	放都寧略公撒都
Fixed Group	Shift Map		Q	Group:inde	onesia			View on Map:112撒都撒都喝
Q indonesia (14/5/5)	Tangera Tangera rt nj + Gr S Map Satellite	Foucs on speaker ang South . unung Indur Parung Boiong	Show offline users Lakarta Dakarta Track end here 06-13 09:39:30 k Cileungsi Gunung Putri 11 2000 2011	Ekasi Bekasi e,End time : 2016-	kilometer nengasoengo West Karawang	Cikamp Bedeng	Track 6MT +8:00 V Pasirputh Caseth 849 Pasirputh Caseth 849 Pame	Int(Up to get 100 coordinats 2016-06-13 09:40:37 Obtain Delete
Unanswered us Time	Coogle	Bog	or <u>Citarua</u> Received MSG		Start time: 2016-06 End time: 2016-06 Driving distance: 99 Pravel time: 13H 54 Residence time: 0H	Purwal -12 19:44:44 13 09:39:30 2:213km M 0M Mai	carta Subang	Diara chore group at us and
Chanswered dam. Time		action	Necewea MI30	3	j mile	Receiver		Please choose group or usisend

If you click "Export track" then it will be make a excel as below show,

User	Date	GPS Lat	GPS Long
vq1	2016/4/1 14:32	22.35908	114.1244
vq1	2016/4/1 14:31	22.35904	114.12441
vq1	2016/4/1 14:30	22.35916	114.12421
vq1	2016/4/1 14:29	22.3592	114.12426
vq1	2016/4/1 14:28	22.35904	114.12444
vq1	2016/4/1 14:27	22. 35899	114.12451
vq1	2016/4/1 14:26	22.36014	114.1258
vq1	2016/4/1 14:25	22. 35979	114.12601
vq1	2016/4/1 14:24	22. 35794	114.12377
vq1	2016/4/1 14:23	22. 35676	114.12503
vq1	2016/4/1 14:22	22. 35581	114.12604
vq1	2016/4/1 14:21	22. 35223	114.12386
vq1	2016/4/1 14:20	22.35193	114.122
vq1	2016/4/1 14:19	22. 35362	114.12198
vq1	2016/4/1 14:18	22. 35373	114.12204
vq1	2016/4/1 14:17	22. 35373	114.12197
vq1	2016/4/1 14:16	22. 35362	114.12196
vq1	2016/4/1 14:15	22. 35361	114.12199
vq1	2016/4/1 14:13	22. 35357	114.12192
vq1	2016/4/1 14:12	22. 35357	114.12191
vq1	2016/4/1 14:11	22. 3537	114.12198
vq1	2016/4/1 14:10	22. 35364	114.12194
vq1	2016/4/1 14:09	22. 35365	114.12193
vq1	2016/4/1 14:08	22. 35364	114.1219

User search bar: Input user name or character to find user. As shown below





User search bar

User offline status display: In user display area," Offline" are shown under the offline icon. As shown below:

Shift Map		Q		Group:SE	CAPA AD				
				$\langle \langle \rangle$					
CH5[This Group]	CH1[Offline]	CH10[Offli	CH11[Offli	CH12[Offli	CH13[Offli	CH14[Offli	CH15[Offli	CH1 <mark>6[Offli</mark>	
8				$\langle \langle \rangle$	6				
CH17[Offli	CH18[Offli	CH19[Offli	CH2[Offline]	CH20[Offli	CH21[Offli	CH22[Offli	CH23[Offli	CH24[Offli	
6				8		4	6		
CH25[Offli	CH26[Offli	CH3[Offline]	CH6[Offline]	CH7[Offline]	CH8[Offline]	CH9[Offline]	MALIOGH		

<mark>User Status</mark>

In the map mode, click "Focus on speaker", the system can lock the speaker's position automatically. As shown below.

🥹 - PTT Dispact	ther Statio	n						- ő ×
B	9	1 6) 🛃			R	EAL	
Exit R	Refresh	Group Calls Call	Logs Contact	S				
Line State:Co	onnect t	o server success	fully. Nam	e:Eutest one	Group: Grou	р3	Contact:	
Fixed (Group	Shift Map	eutest thre	e Q	Group:Group3			Friends:0(0/0)
Group3 (5	0/1/0)	SHUNDE IRIE Z	Focus on spea	ker 09 Show offline users 10 Show offline us	Track speed kilometer HUIYANG BREE Bishouwan Kilometer NGGANG 015 Bishouwan Kilometer	Export Track Bay Harbor Horgh	22 MT +8:00 ▼ Yangerig Dawa 但書 Dawa a/Bay 汕尾市	Q
Groupz (5	(1/0)		11/1	S33 G15 S28	日本 Daya Bay 新港			
Group1 (6	/1/0)		A_A	BACAN Chanzban, Y	ANTIAN Dur Zai Man	Dongshan Sea 死山海		
group4 (1,	/0/0)	Zhong	shan	2016-10-28 1842/50D	ABHE 盆仔湾			
group5 (1,	/0/0)	+		The second se	Mirs Bay Guiwan Daya 大翻湾 重進 大亚	Bay 湾		ſ
group6 (1,	/0/0)		Dawuwan	蕉坑湾				1
group7 (1,	/0/0)	No. K Ca	Zhuhai	Hong K	ong			
group8 (2,	/0/0)	Map Sate	inte 珠海市	Trong K	ong			
group9 (2,	/0/0)	4 TIE UINWAN	Macau	Pouch Bay 荷包调				
group10 (a	2/0/0)	SERIE MAR	Baicaowan	Dadong Bay 大东湾				
group11 (1/0/0)	Bigingwan 壁南湾 Dawan Bay	C DEA	Bailiwan Bain 日清清 日	caowan 槽湾			
	20	Google					Ter Map data © 2016 Google Terms of Use	
Unanswered us	. Time	Time	sender	Received MSG	S Time	Receiver Sent M	SG	Please choose group or usise

Focus on speaker

In the map mode, click" Display offline users", all users with positioning function can be shown on the map. As show below .



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Show offline users

1.3. Missed Calls List

Missed calls list can list other users' single call dispatch station and unsuccessful calls which include call users and time. You can operate "Send SMS" on the user through the right-click menu, delete the record or all records, double-click to call the user individually. As shown below:

Unanswered us	Date
测试5	04-28 03:49
测试5	04-28 03:49
i i i i i i i i i i i i i i i i i i i	
< []	

1.4. Received Message List

Received message list can show received messages by the dispatch station, including time, sender and message content. Double-click the record to show the message details in the auxiliary display area. As shown below:

Date	sender	Received MSG	M U



Received message

1.5. Sent Message List

1.6. Sent message list can show the sent messages records by the dispatch station, including time, receiver, message content, the user qty of received or confirmed message, etc. Double-click the record to show the messages details in the auxiliary display area. As shown below:

S	Date	Receiver	Sent MSG	M	U
1-0	10-10 5:54:32	ingadget2	hello,how are today	4	3
1-0	10-10 5:54:31	ingadget2	hello,how are today	3	3
0-1	10-10 5:54:30	ingadget2	hello,how are today	2	3
0-1	10-10 5:54:27	ingadget2	hello,how are today	1	3

Sent message record

1.7. Message Sent Area

Message sent area has the function that the dispatch station sends messages to group or a certain user, 30 words of the message content at most. As shown below

State	Date	Receiver	Sent MSG	
0-0	01-18 10:24	astest2	hello	
<			-	>

Sent message fram

ingadget2;	Send
hello,how are today	