



Push to Talk

The mobile phone intercom is the basic bearer service based on the 2.5G and 3G data communication network. It provides end-to-end high quality dual data voice services through the data industry channel provided by the wireless data network, it provides the same functions as the traditional two-way radio intercom system. Compared with the traditional telephone call service, PTT service has the characteristics of point-to-multipoint, one-click call and always online, can meet the needs of users in specific circumstances, suitable for a long time, the need for frequent contact with the group of specific people.

Loogear PTT is a mobile phone voice intercom system developed and operated by lauger technology and also provides a version of cloud computing and an enterprise version installed separately.

Cloud version:

The cloud version of loogear PTT is "logetalk", which allows users to use the system by renting, eliminating the need to purchase software and servers, and saving expensive maintenance costs. Logetalk has been developed to overseas users, and the Chinese version is coming soon.

Independent server version:

Loogear PTT Enterprise Edition provides a separate PTT server to provide enterprises with a complete integrated solution from terminal software to server software and roip.

Basic voice service functions

Group call: half duplex communication between one calling party and multiple called parties (one-to-many)

Single call: a half duplex call between one calling party and one called party

Strong interruption: users can be given strong interruption rights in group members. Users with strong interruption rights can interrupt other group members at any time

User temporary group: users with permissions can create a temporary group and add group members to initiate a temporary group session.

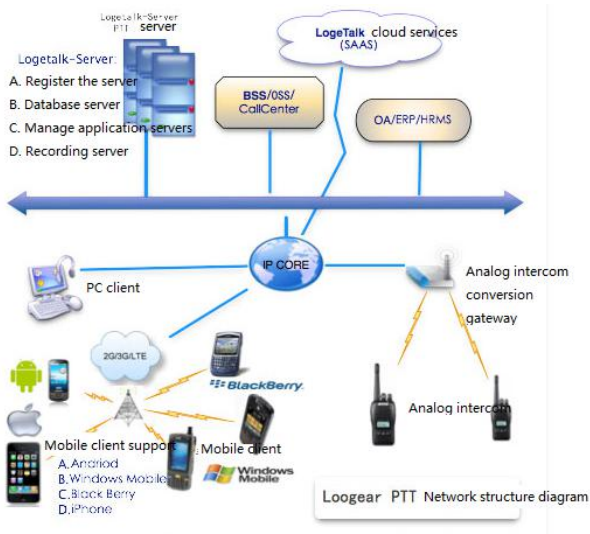
Status presentation: users can set their current status on the terminal and instantly get the status of all contacts in the contact list, including online, invisible, free from interference, conversation, offline and speaking

Instant messaging: users can select contacts or group members, one-to-one instant messaging; You can also select a group to send a one-to-many group instant message to all members of the group

Call log: the system will record user call log, including group call log, missed call request and other information. Call back or join a group for missed calls

Automatic startup and login: after PTT software is installed in the terminal, users can set the function of software startup or automatic login.

Permanent online: when the end user USES the PTT terminal software, if he does not log out or exit the system actively, the software will remain permanently online. Exclude network reasons, mobile phone card arrears or shutdown and other abnormal conditions.



Business Management Capabilities

Management function: information inquiry, priority management, operator management, authority management, etc.

Enterprise management: enterprise administrator management, enterprise information management.

Group management functions: add group, modify group, query group, delete group, add group members, modify group members, query group members, delete group members.

User management function: user information management, user group management.

System configuration: change password, etc.

Log management function.



Multiple smartphone client platform support

Loogear PTT client, support the mainstream smartphone operating system. These include: Windows Mobile, Android, BlackBerry, iPhone (IOS). For each mobile phone operating system, targeted optimization has been made in terms of user keystroke habits in voice processing. The software of each operating system is an agreed function, and the communication protocol and version are different special versions with their own operating system characteristics.



PC Client

Loogear PTT offers a dedicated PC client that supports the Windows version, which has been fully functional with the mobile version and is beneficial to PC users (such as office dispatchers, mobile PC users) use the voice function of the computer to keep talking with mobile customers such as mobile phones and analog walkie talkie customers.



Analog intercom Networking Support

According to the different usage scenarios, the loogear PTT system provides the access support for the traditional analog intercom system, you can achieve the interconnection of mobile phone intercom and analog intercom terminal. So as to avoid the emergence of communication Island. At the same time, users can add optional solutions in terms of the use of equipment and the advantages of Analog Digital Intercom.

Index parameters			
Performance indicators		compatibility	
Maximum number of channels (groups)	No limit	Client desktop operating system support	Windows 2000 / XP / Vista / 7
Maximum number of users per group	100		
Maximum number of users per dynamic group	1000		
Call setup time (LAN)	< 0.1 sec	Mobile operating system support	Windows Mobile 2003SE Windows Mobile 5.0 Pocket PC / Smartphone Windows Mobile 6.0 Pocket PC / Smartphone Windows Mobile 6.1 Pocket PC / Smartphone Windows Mobile 6.5 Pocket PC / Smartphone
Call setup time (3G)	< 1 sec		
Call setup time (GPRS)	< 5 sec		
Sound quality	8 kHz to 32 kHz, configurable		
Minimum bandwidth requirement	8 kbps		
Maximum number of users per server	Unlimited, multi-server overlay	Wireless network support	802.11a/b/g/n,WiMax,GPRS, EDGE, 3G,Satellite
Minimum server CPU requirement	200 MHz		
Safety and reliability		scalability	

Authentication security	RSA 360 bits	Analog intercom device support	Compatible with UHF, VHF, CB and other wireless two-way radio systems
Communications security	AES 256 bits with disposable session key		
Server redundancy	support	SDK	support
Firewall/NAT	Automatic NAT traversal	API	support