



SANCHAR
LINK TELECOM

POC SOFTWARE V-PTC-R

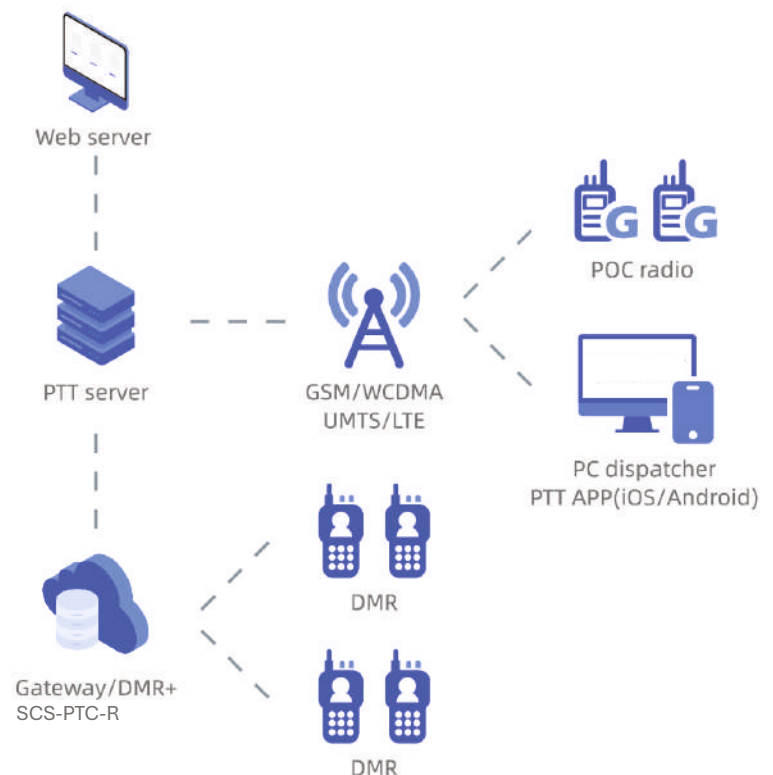
Product Introduction

V-PTC-R solution is a multimedia system based on wireless data network realized by VoIP technology. It is different from traditional two way radios. It has no distance limitations and can be used wherever there is cellular network. In addition, the system can also provide users with a multifunctional integrated dispatching system in combination with GPS, multimedia applications or other SAAS services. The system can easily realize real-time PTT call, PTT audio recording, GPS positioning, and other dispatching functions globally. The system is powerful, easy to use, simple to install, and with low cost.

Working Principal

V-PTC-R platform radio should use internet. It works with mobile sim card or wi fias well as LTE4G/UMTS/WCDMA 3G/ GSM 2G instead of VHF/UHF frequency.

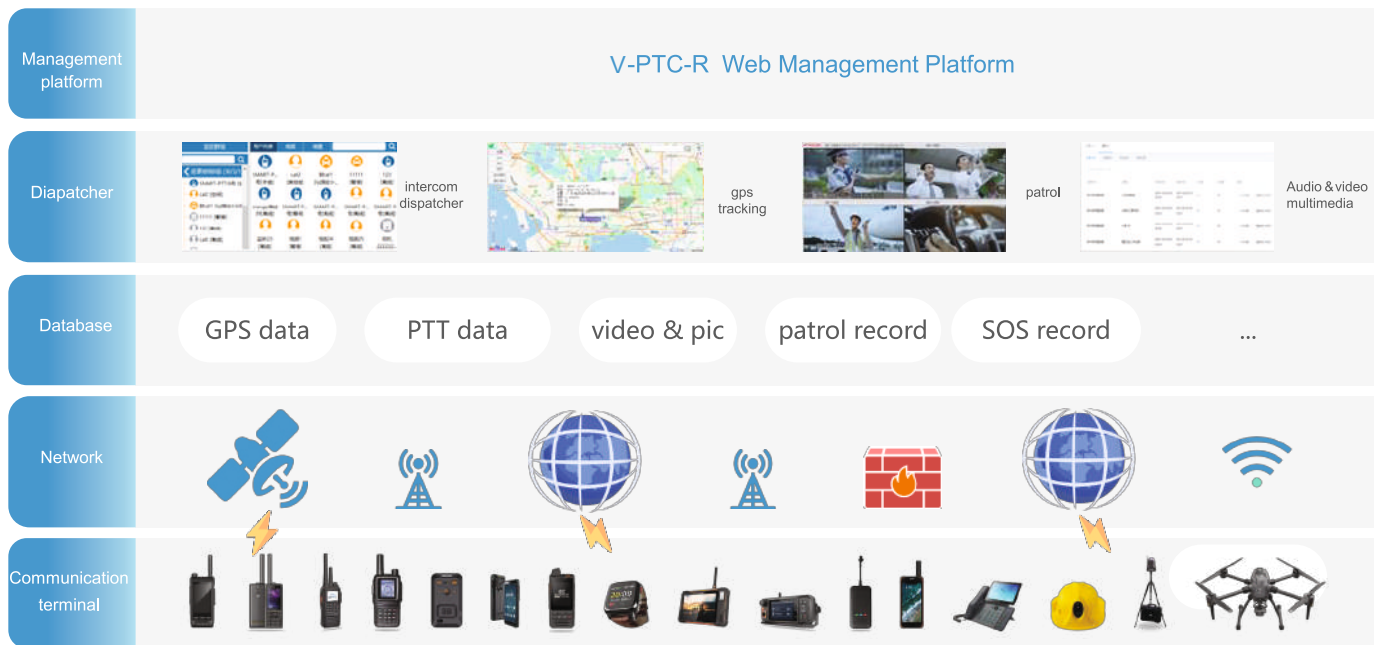
The SIM card POC radio or wi firadio is like your mobile phone. It can talk anywhere at any time if network is covered.



MAKE IN INDIA



System Structure



Platform License Functionality Options

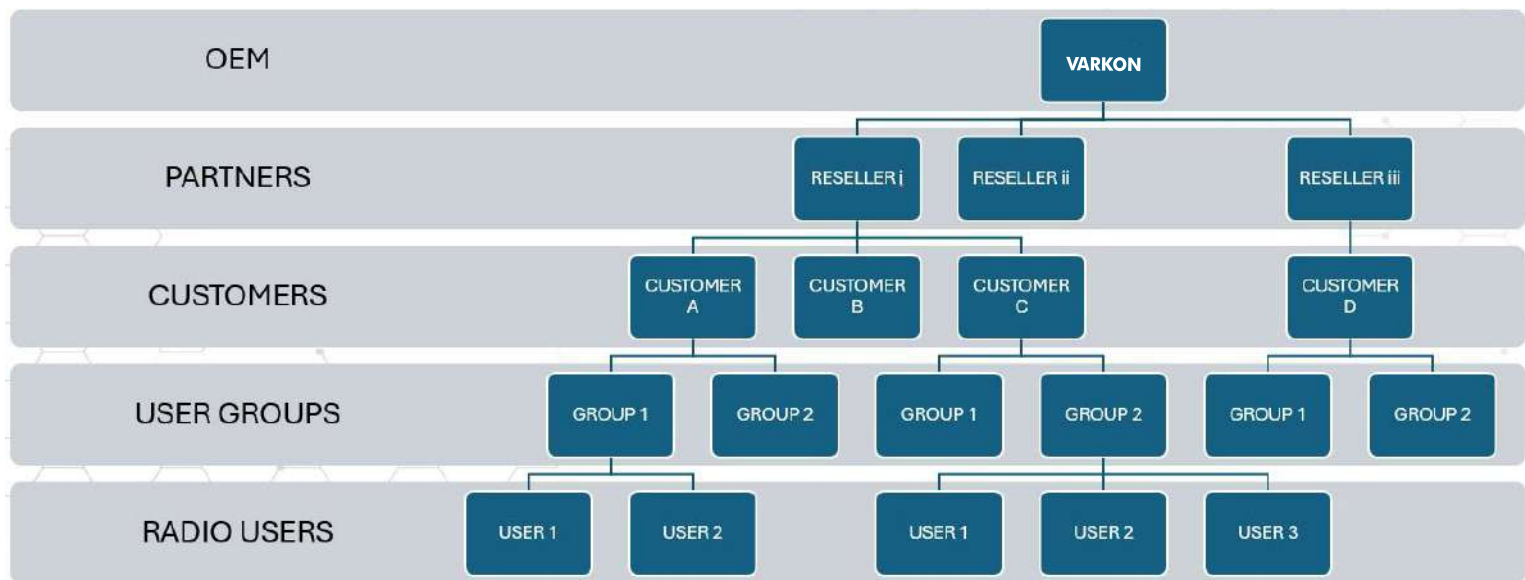
PTT Call	PTT Call + GPS	PTT Call + GPS + Video	PTT Call + GPS + Patrol	PTT Call + GPS + Video + Patrol
- Private Call - Group Call - SOS - Stun/Revive - Dispatcher - Circle Call - Man - Down - Lone Worker - Call Logs - Battery Level Check - RSA/AES Encryption	- All features from PTT Call and: - View location - GPS tracking - Distance measurement - Geofence	- All features from PTT Call + GPS and: - All Call - Full duplex call - Message (Text, image, Video file) - Video Call - Video Upload - Video Monitor - Video Capture	- All features from PTT Call + GPS and: - Full Duplex Call - Message (Text, image, Video file) - GPS Positioning Patrol - NFC Patrol	- All features from PTT Call + GPS + Video and: - GPS Positioning Patrol - NFC Patrol - Indoor Location - KML



System Web Management Platform

Multi-level management

V-PTC-R management platform adopts a hierarchy mode where users and groups can be managed on the WEB.



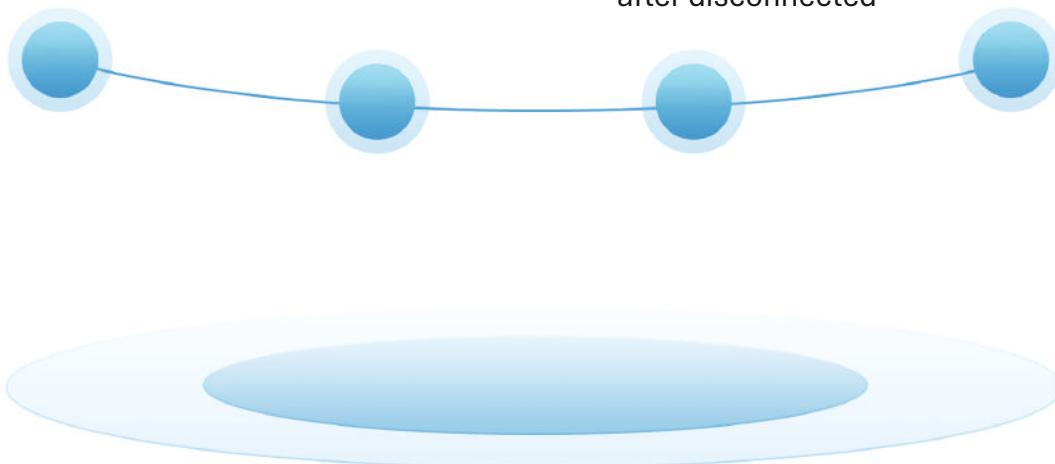
Platform Mobile Application Feature

Private call
Group call
All call
Only listen
Talkback

PTT notify
Monitor
Speech Priority
Fixed group call
Temporary group call

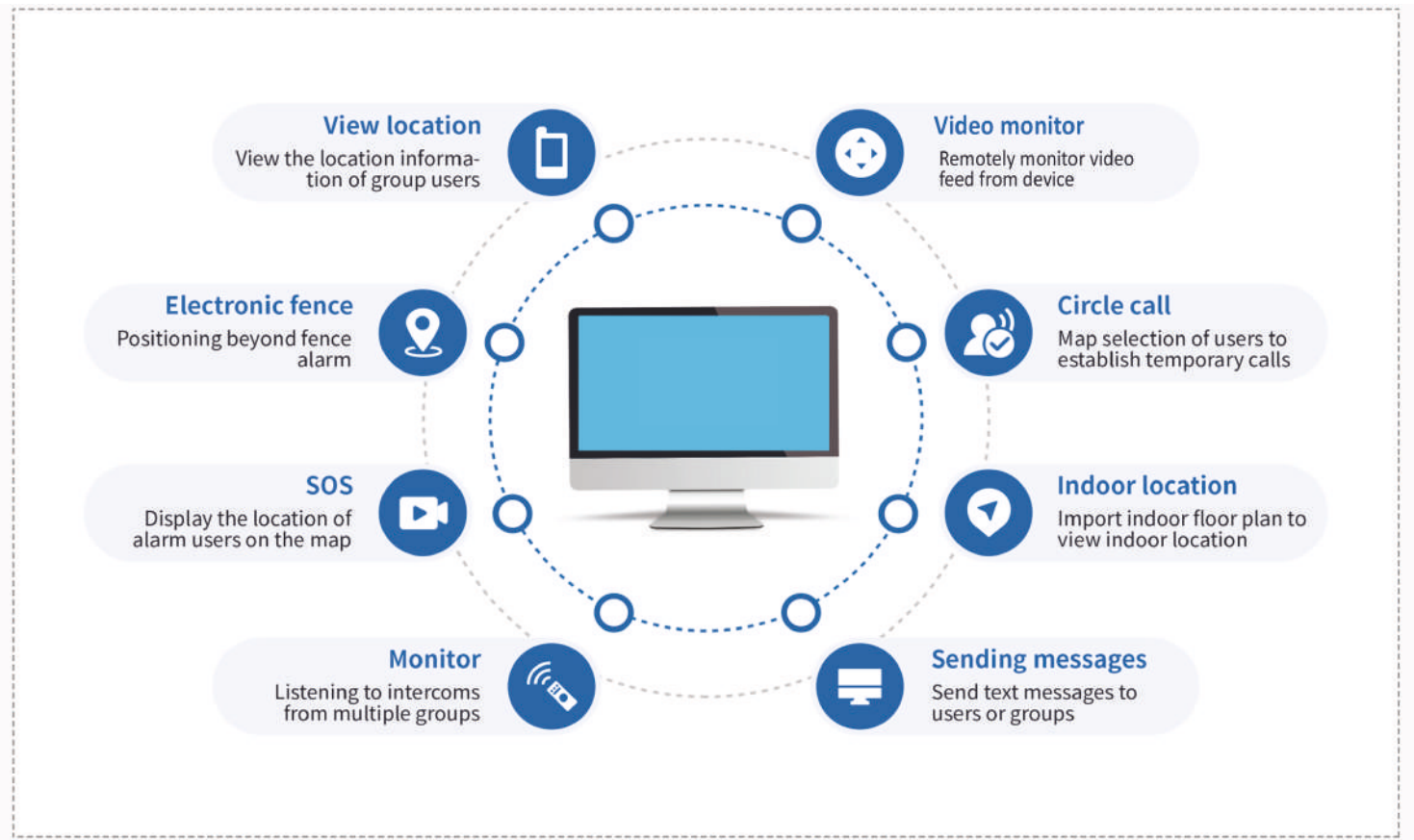
Full-duplex
Relevance Group
Lone worker
Dynamic group
Automatic relog-in
after disconnected

Broadcast
Group Broadcast
Record
Call reminder
Call priority





Dispatcher



Video and Image Function

- **Video Call**
one to one video call
- **Video Upload**
upload the video to the server
- **Video Share**
transfer live video to multiple users
- **Audio record**
capture audio information



- **Video Monitor**
Remotely monitor video feed from device
- **Video Capture**
multiple-channel video capturing simultaneously
- **Real-time image upload**
take photos and upload pictures at any time
- **File Transfer**
transfer file information



Location Application



Circle to Call

Select users within a range to create a temporary group for intercom



GPS Patrol

View user's real-time location, direction, and altitude



User Tracking

Monitor a user's location from the current time and generate a real-time movement trajectory



KML

KML files are used to describe and save time, location, longitude and latitude, altitude, etc.



Location Marking

Draw a punctuation point on the map interface, click the location, enter the name and confirm



Track Playback

View the user's running track and export the user's track



View Location

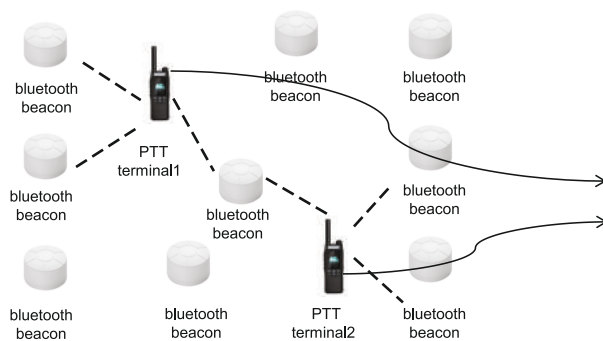
View user name, online status, location time, latitude and longitude, speed, direction



Geo-fencing

Plan a range on the map and receive an alarm when entering or leaving the fence

Indoor Location Function



The indoor location function of **VARKON** PTT is to deploy bluetooth beacon points indoors based on the wireless data network through bluetooth communication technology, and add indoor positioning function on the basis of public network cluster intercom. While meeting the needs of daily intercom and remote video, it can also realize other applications such as indoor real-time location and historical track query



Patrol Function

- **Patrol Method:** Include GPS patrol, NFC patrol, bluetooth patrol
- **Work with PC Dispatcher:** Work with PC dispatch console, you can view patrol details and upload videos, pictures, text, and audio for patrols.
- **Patrol Tasks:** Bind different patrol tasks to patrol points, select the tasks to be performed during patrol, and query the task execution status in the background
- **Patrol Report:** You can query the number of successful inspections, missed one, valid one, invalid one, total one, and total events of users. And it can be displayed in the form of line charts, bar charts, tables, and calendar charts. At the same time, you can send email reports.



Platform Deployment Options

A

VARKON Cloud Server Solution

Considering the concerns of industry customers regarding public network system security, confidentiality and network stability, Varkon offers cloud servers service which customers can utilize as a SAAS. Benefits include Varkon cloud server - Cost Effectiveness, Over the Air Features Customization, Uptime as per SLA, User based Scalability, Quick Deployment, Technical Maintenance Support, No Capital Upfront Infrastructural Cost.

B

On-premise Server Solution

The independent deployment is also called the on-premise server solution, which means the entire system software is deployed on the server specified by the customer. Customer can choose to deployment platform on their servers. Benefits include in house server - Complete Control, Security and Ownership, Less Dependency on External Providers, Operational Cost Saving.