POC SOFTWARE SCS-PTC-T
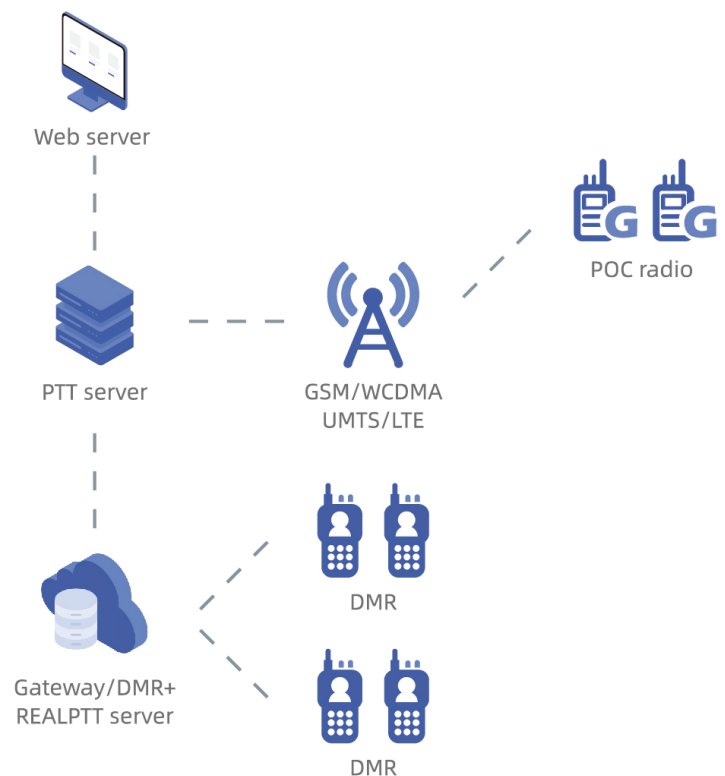
SANCHAR
WIRELESS COMMUNICATIONS LTD.

Product Introduction

SCS-PTC-T solution is a mutimedia 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. The system can easily realize real-time PTT call functions globally. The system is powerful, easy to use, simple to install, and with low cost.

Working Principal

SCS-PTC-T platform radio should use internet. It works with mobile sim card or wifi as well as LTE4G/UMTS/WCDMA 3G/ GSM 2G instead of VHF/UHF frequency.
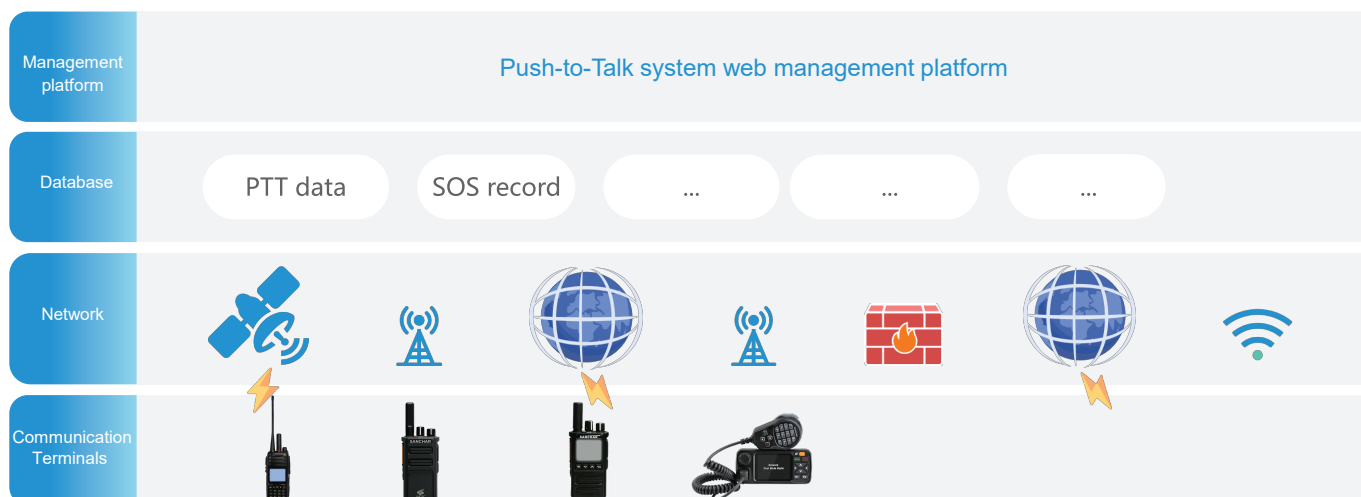
The SIM card POC radio or wifi radio is like your mobile phone. It can talk anywhere at any time if network is covered.

Web server

POC radio

PTT server

GSM/WCDMA UMTS/LTE

DMR

Gateway/DMR+ REALPTT server

DMR

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System Structure

Management platform	Push-to-Talk system web management platform
Database	PTT data · SOS record · ... · ... · ...
Network	
Communication Terminals	

System Web Management Platform

- Multi groups creation for users
- Users Creation
- Hierarchical privileges
- Online/Offline Status check
- Kill/Unkill
- Users and account details

Group List

Device Features

- PTT Call
- Private Call
- Group Call
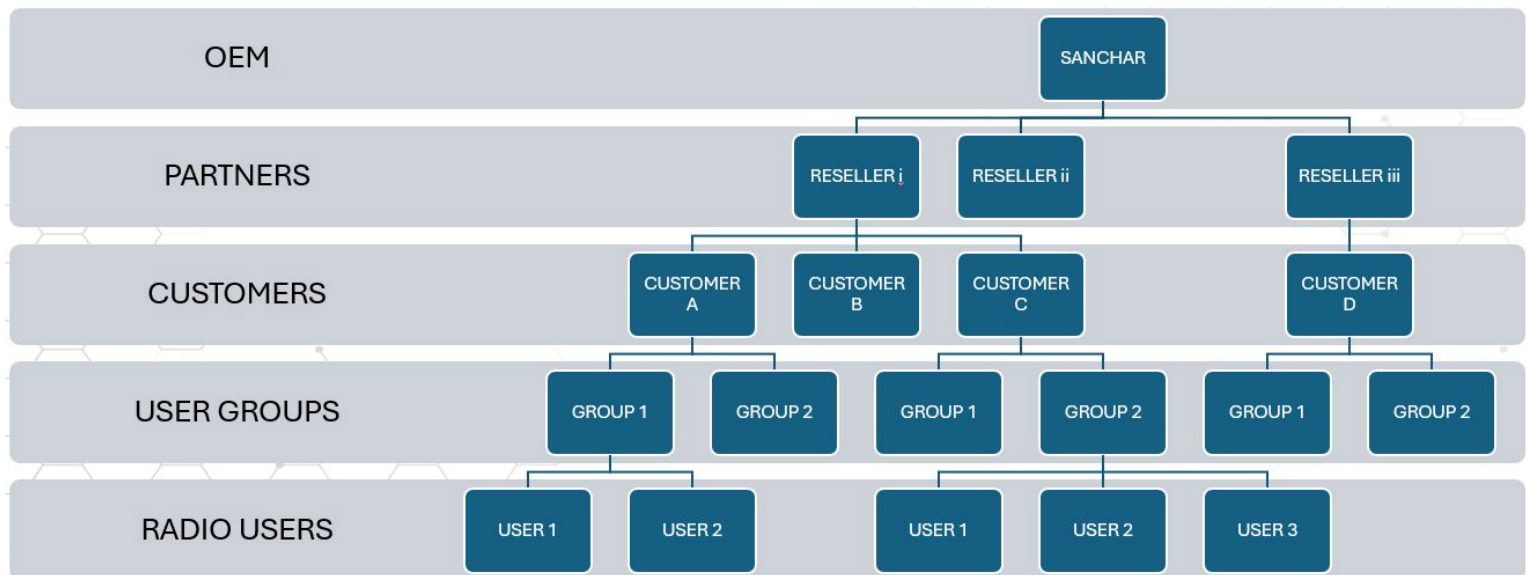- SOS
- Stun/Revive
- RSA/AES Encryption

User List

Online/Offline status

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Multi-level management

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

OEM		SANCHAR		
PARTNERS	RESELLER i	RESELLER ii	RESELLER iii	
CUSTOMERS	CUSTOMER A	CUSTOMER B	CUSTOMER C	CUSTOMER D
USER GROUPS	GROUP 1 / GROUP 2	GROUP 1 / GROUP 2		GROUP 1 / GROUP 2
RADIO USERS	USER 1 / USER 2	USER 1	USER 2	USER 3

Platform Deployment Options

A **Sanchar Cloud Server Solution**

Considering the concerns of industry customers regarding public network system security, confidentiality and network stability, Sanchar offers cloud servers service which customers can utilize as a SAAS. Benefits include Sanchar 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.

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