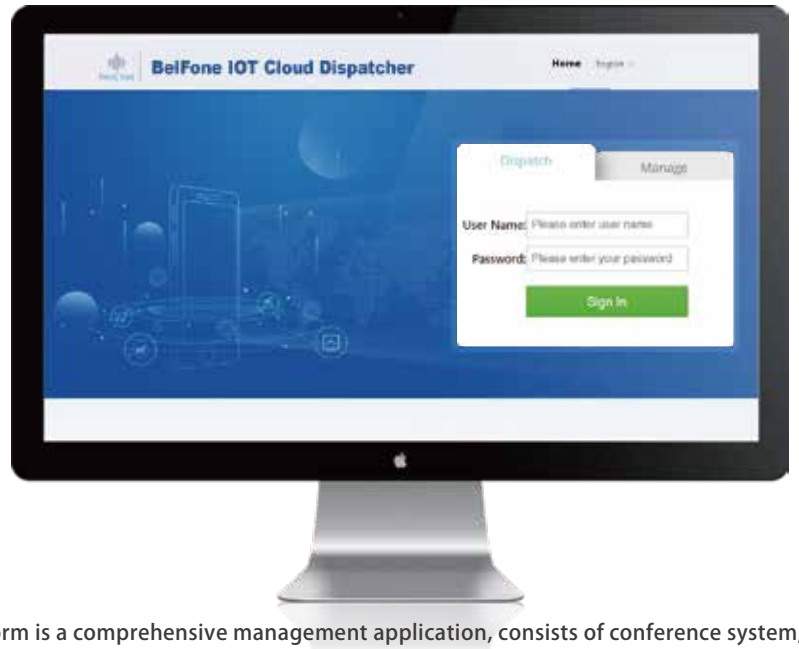
BelFone

Communications for Efficiency and Safety

ProChat

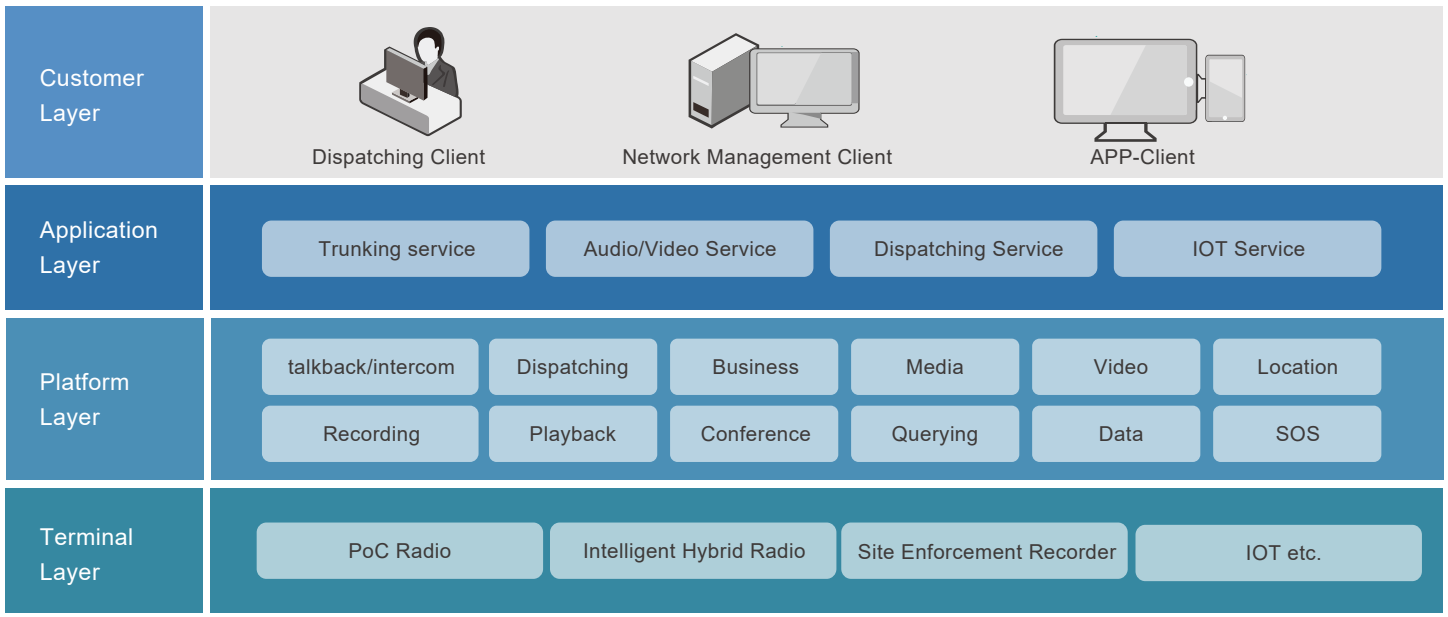
ProChat IOT Cloud System

System Overview



BelFone ProChat IOT Cloud platform is a comprehensive management application, consists of conference system, alarm system, positioning system, talkback system, monitor system, and IOT system. It can be flexibly used with video, alarm, patrol, and visual communication devices and facilitates users to manage devices and staff, as well as provide video /audio conference, instant chat, patrolling clock-in, visual talkback, digital map, data analysis, and other services. Utilizing cloud deployment, BelFone ProChat platform effectively breaks down system application barriers and collaboratively work different terminals, achieves integrated management, and saving construction and operating costs.

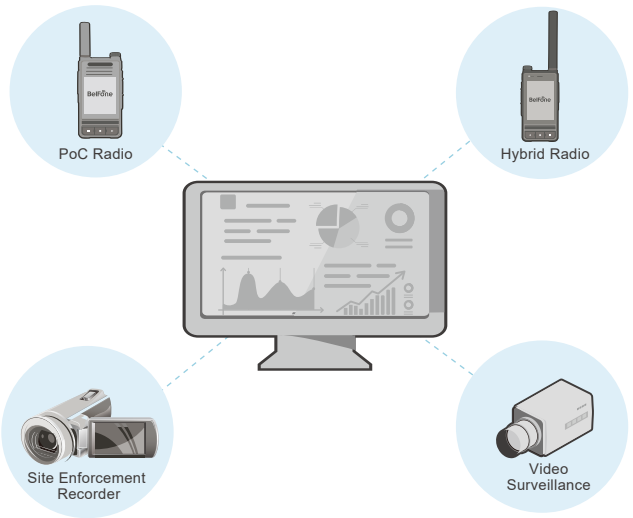
As a multimedia cloud dispatching platform, BelFone ProChat platform integrates communication, dispatching, video, management, and IOT services. It delivers comprehensive functions and helps public security, armed police, border defense, urban management, railway, forestry, petroleum, transportation, government agencies, and large gathering users to improve response efficiency and bring intelligent communication.



System Advantages

Rich Services

BelFone ProChat system is flexible with wired networks and wireless networks to access and manage PoC radios, site enforcement recorders, multimode radios, etc. It breaks communication ground of limited communication distance and unstable network, enabling nationwide communication and significantly reducing construction and operational costs.



Trunking Communication

BelFone ProChat system supports individual call, group call, full-dull duplex simplex call, enables predefined group call, temporary group call, dynamic regroup, map area group call, as well as half and full duplex simplex call among terminals. Besides that, the system also allows to set call priority.

Flexible Dispatching

The system supports voice communication, staff positioning, video communication, multimedia message, patrol clock-in, and other functions to satisfy different communication demands. Following a B/S structure, it can support both Web and APP login and allows to creat and manage accounts with different access and operation permissions. It enables users to check radios, site enforcement recorders, and other terminals in real time and supports dispatching, command, statistic analysis, and visual multilevel dispatching to provide powerful data management support and improve dispatching efficiency.

Visual Communication

The system supports point-to-point video call, video polling, video forwarding, and management.
Terminals connect staff of different regions by launching individual call and group call to share accurate on-site information. Also, the dispatching console and terminals with higher priority have the capacity to forward video information to desired terminals to ensure timely information sharing. Besides that, video data can be synchronized postback to the dispatch console, facilitating viudeo data storage and management.

Comprehensive Management

The BelFone ProChat IOT system offers a range of management modes to meet different management requirements and facilitate the conctruction of different management permissions and role allocation. Provide integrated management for video, communication, clock-in, and other applications; enable group communication among members of different units. Enhances overall operational efficiency, catering to the specific management needs of diverse industries.

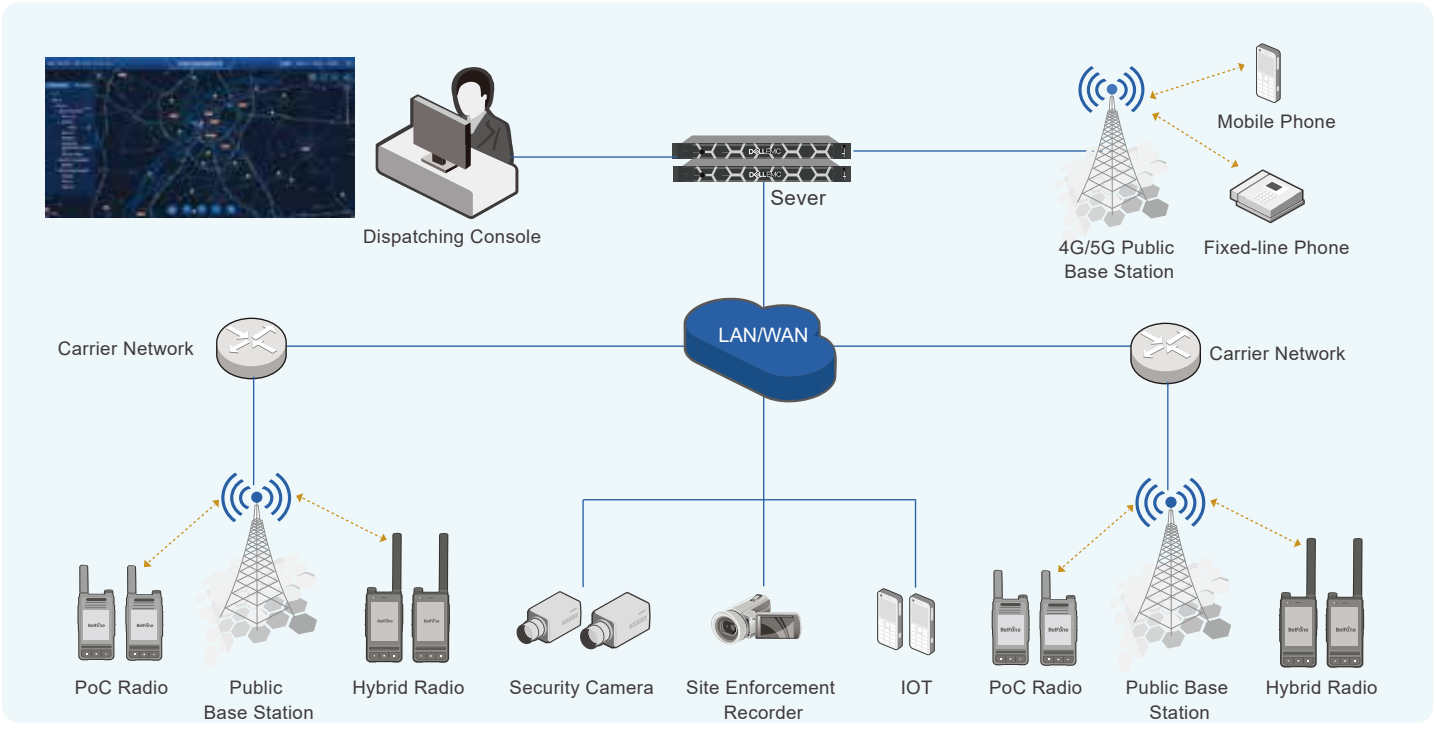
IOT Networking

The Belfone ProChat IoT Cloud System features great IOT expansion capacity, and it is flexible to access embedded devices, Tracker-type positioning terminals, wearable devices of watches/wristbands/canes, environmental monitoring devices of pressure, temperature, humidity, PM2.5, and more.

Cloud Deployment

The system provides a comprehensive cloud server deployment and node selection options that is availed for those mainstream cost-effective and mature and stable technology cloud sever (Aliyun, Tencent Cloud, Baidu Cloud, HiCloud, aws, Azure, IBM, Google Cloud, etc.)

Topology



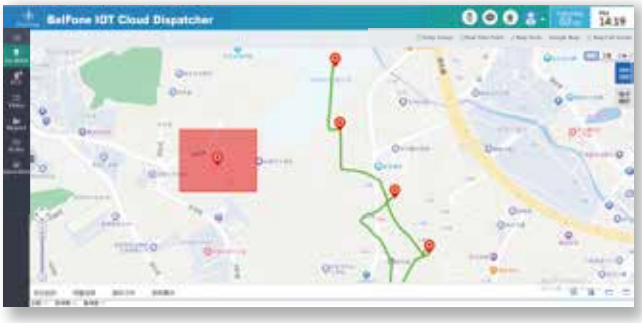
System Constitute

Conference Subsystem

This system supports instant voice/video conference and allows one-key to initiate multi-party audio and video conferences. Facilitating users to have real-time online discussions and ensuring the efficient and smooth operation of daily and emergency conferences.

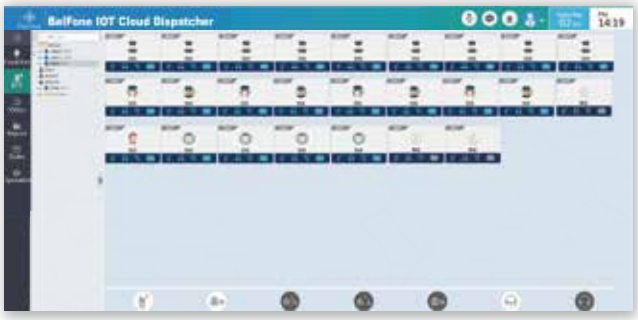
Positioning Subsystem

This system featured real-time positioning, real-time terminal position sharing, online status demonstrate, geo-fence managing, as well as other functions including historical track playback, distance measurement, map area call, etc.



Dispatching Subsystem

This system supports comprehensive call services of individual call/group call/all call/instant group call, etc., provides voice call, dispatch inform, group switching, contacts/group switch, and other voice functions to provide more options for communications in different scenarios.



Monitoring Subsystem

This system is availed to access mainstream market cameras to integrate with the exiting dispatching system. Fully manage accessed cameras and facilitates administrators to check and monitor unusual events at any time.

Emergency Alarm Subsystem

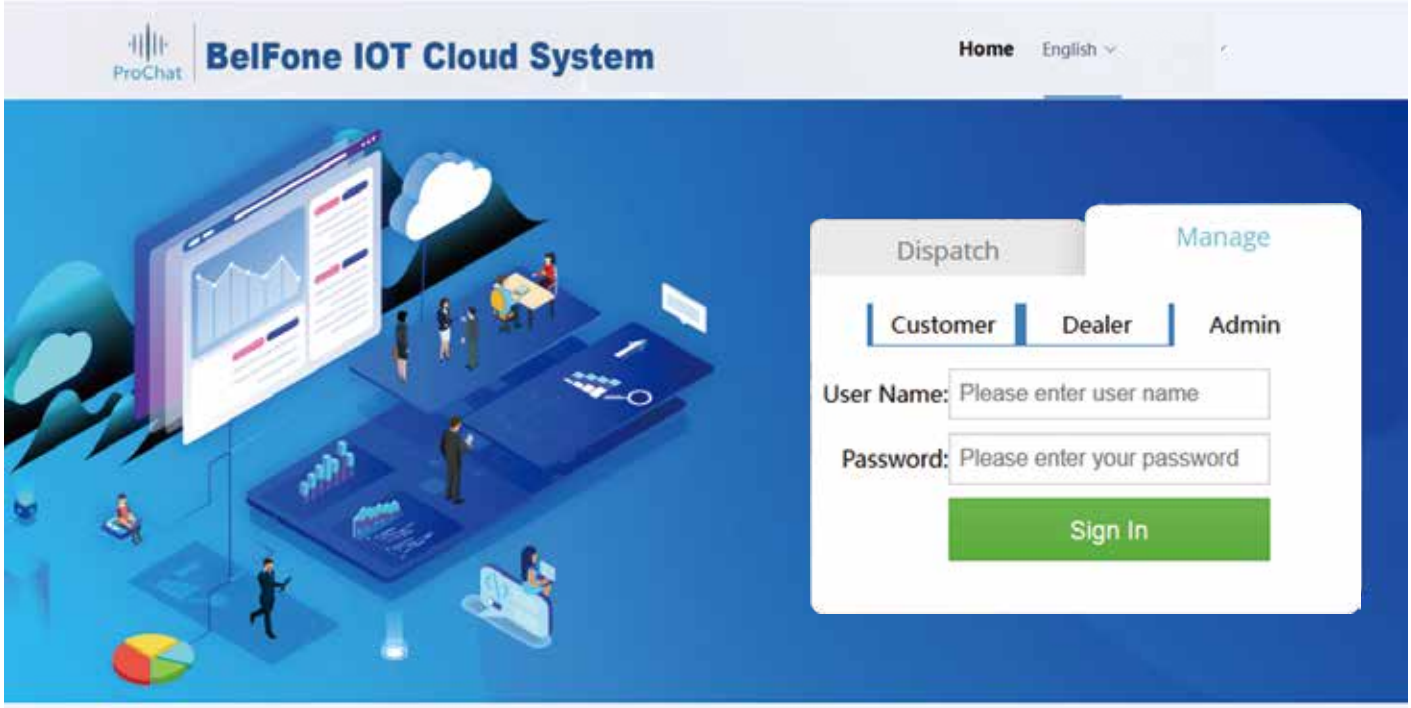
Pressing the SOS key to trigger the alarm to remind group members and administrators, and help to quick locate the alarm position. The system supports one-click to launch selected call to dispatch rescue forces nearby quickly and establish a comprehensive alarm management mode.

Data Manage Subsystem

The system supports patrol route planning, time scheduling, patrol records, alarm linkage data management, enabling monitoring of unusual events of missed patrols, incorrect inspections, and overtime, and promptly issuing alarms to ensure accurate and efficient work. Besides that, this system also supports attendance reports, patrol data queries, various data analyses, and statistics, facilitating data analysis and decision-making.

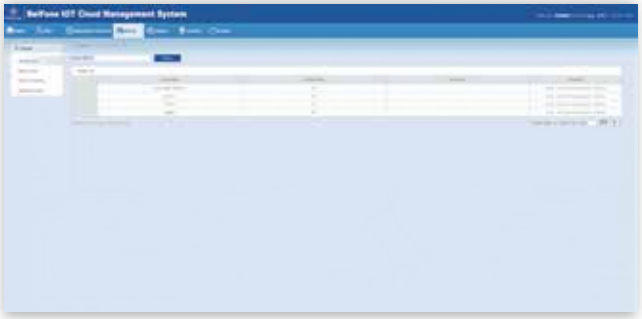
Multi-level Management System

Incorporating multi-level management capacity this system has established a clear dispatching system that allows high-level user to assign their subordinate users and empowers higher-level dispatchers with the authority to override lower-level dispatchers. Each level has the autonomy to configure administrators and dispatchers for independent management and also enables upper-level units to manage the lower-level units directly.



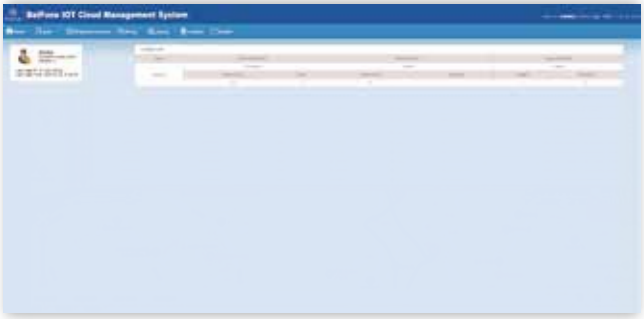
Account Management

Maintain and manage user planning and account opening, add, removing, and querying group messages.



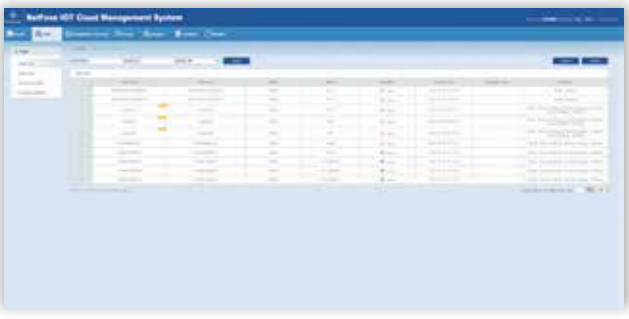
Distributor Management

Add, remove, modify, and query agency accounts, as well as manage company accounts.



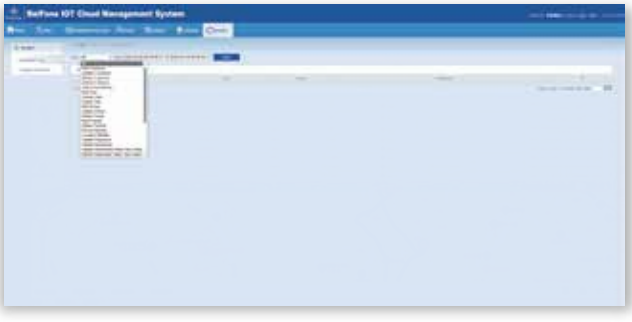
Operator Management

Managing relevant user operational data and terminal online time.



Log/Asset Management

This supports log management, operation log, security log backtracking, annual card asset querying, as well as inventory quantity and asset allocation management.



Products

BelFone ProChat IOT system is capable for various terminals to access to, providing enormous applications of voice, data, image, video, satellite positioning, NFC management, one-key alarm, etc., to satisfy various communication demands.

Multi-mode Radio

BelFone wide-narrow (public-private) integrated multi-mode series works excellence in having various communication methods of public and private networks to work collaboratively, and delivers clear audio and outstanding display effect. Mastering the overall situation at a critical moment and calmly dealing with broadband and narrowband communication problems can better meet the individualized and customized needs of thousands of industries. Especially in the business layer, platform layer, network layer, terminal layer to achieve multi-level, end-to-end deep integration.

BF-SCP860

BF-SCP810

BF-TP800

4G PoC Radio

BelFone PoC radios support 3G/4G/LTE networks, which offer nationwide coverage for your PTT communications. Providing voice, image, video, positioning, and other multimedia services to satisfy communications needs in public safety, city management, airports, railways, property management, logistics, and industrial parks.

BF-CM631

BF-CM630

BF-CM626S

BF-CM625/S

Statement:

1. Due to continuous product improvement, the technical parameters and functional features may not be consistent with the actual product. Please refer to the actual product. If there is any change, we will not notify you separately. Please understand.
2. If you have other questions about this product or the content of this document is not detailed enough, please contact us.

BelFone

Communications for Efficiency and Safety

Fujian BelFone Communications Technology Co., Ltd

Add: A-15 Huaqiao Economic Development Zone, Luojiang, Quanzhou, Fujian, China
Email: overseas@belfone.com
Phone: +86 595 28396717
Fax: +86 595 22771635

BelFone
Communications for Efficiency and Safety

Dedicated to increasing the efficiency and reliability of missioncritical communications, BelFone is always on the way to offer responsive, flexible and reliable products. For more information about our products and solutions, contact us or visit us at www.belfone.com.