OVERVIEW

First-Aid and Medical First-Responders have greatest protection and respect for life. The development of a social economy puts forward higher and higher requirements on how to respond to first aid emergency calls as quickly and efficiently as possible, improve the utilization rate of first aid and medical emergency response resources, effectively support on-site rescue teams and cooperate with governmental public safety departments.

Smart Radio Systems makes use of the latest technology and industry experience to provide customised communication solutions for the realisation of the above requirements.

SOLUTION VALUES

Intelligent alarm call & handing
Visual alarm information display, automatic information filling and rapid generation of work orders.

Multi-link
One platform supports both private and public networks to ensure uninterrupted communication.

Multi department rescue cooperation
Connect with the dispatch systems of public security departments, fire rescue departments and special service departments for multi-department coordination and cooperation in emergency situations.

Visual dispatching
Real-time positioning of ambulance and paramedic vehicles, identification and marking of busy and idle status and dispatching of nearby resources closest to the scene of the emergency.

Telemedicine support
Expert remote guidance to improve the success rate of on-site rescue.

Medical application integration
Equipped with third party industry specific medical applications, our smart devices and systems enable remote access to medical databases and back-end systems in order to query information and reserve rescue resources according to the on-site scene conditions and requirements.

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RELATED PRODUCT SOLUTIONS

1. ICC Integrated Command and Control Solution

For police, fire, emergency and other public safety first-responders, our ICC solution provides a full range of smart devices and systems such as intelligent emergency call response and handling, visual command and dispatch, major event security, integrated dispatch consoles with communication support systems, covering the entire reaction process of the command centre and remote first-responder field teams.

2. PUC Unified Communication System

A new generation of command and dispatch platform developed on IP networking protocols, which integrates voice, video, data and location services. The platform integrates computer and communication technologies to unify and converge many different communication technologies and mediums. It enables device terminal users and dispatchers of different communication standards and protocols to easily and flexibly interconnect for dispatch of voice, video and data services.

VALUES

Distributed deployment

The micro service architecture provides high reliability, scalability and flexible deployment based upon service requirements.

Multiple ways of lossless interconnection

Supports PSIP, GB28181, ONVIF, H.323 and other standard protocols, through wired and wireless gateways in order to achieve a unified and seamless multimedia convergence communication capability and fast and convenient implementation of core services pull-through. Supports redundancy backup and all-weather reliable system operation.

Standard interfaces empower upper-layer applications

The system provides for a variety of standardized interfaces for upper-layer applications, supports the rapid establishment of upper-layer business applications and realizes the enabling of integrated scheduling and command.

Safe and reliable

A variety of encryption algorithms are used to meet the requirements of high security in a variety of network complex environments.

3. Hytera HyTalk PoC System

The Hytera HyTalk PoC System is a multimedia push-to-talk over cellular (PoC) communication platform that provides rich communication services including voice, video, data, and unified dispatch. With the Hytera HyTalk application installed on Hytera PoC radios, dual-mode rugged radio or body cameras, users can access PTT services through the public networks(3G/4G/5G) or WLAN.

VALUES

Call with one button, nationwide PTT

Talk by pressing one button with nationwide coverage, distance is not a problem anymore.

Versatile package, flexible tariff

Each provisioning template with dedicated credits setting, defining various combination of services to meet requirements form users.

User classification, hierarchical authorization

Hierarchical design for user model. Users of different levels perform their own duties, while users of the same level are independent of each.

Stable system, rich service

Support real-time voice and video PTT service with unified monitoring, global positioning, hierarchical recording, visual dispatching, redundancy and load sharing capability.

Remote upgrade, smooth expansion

Management of terminals via MDM to reduce maintenance cost.