

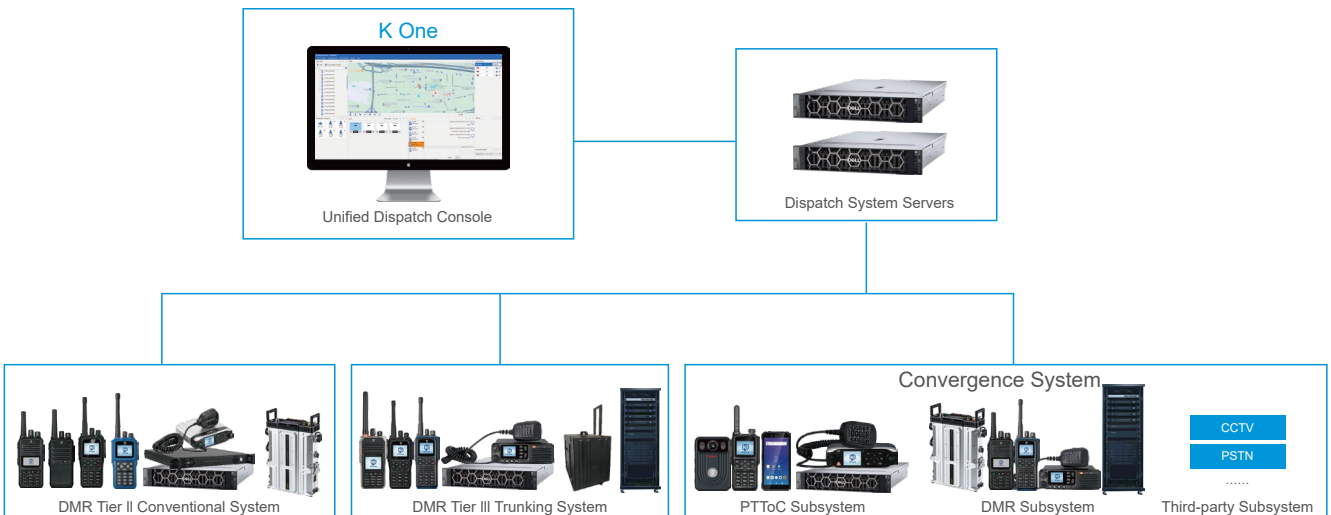


K One

Unified Dispatch Platform

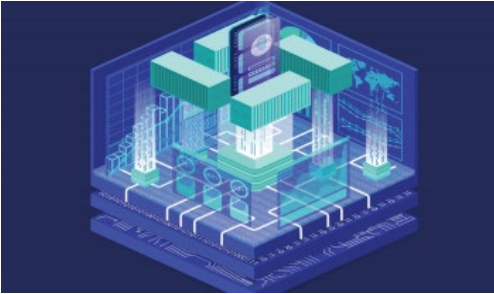
K One is a future-oriented unified dispatch management Platform designed to integrate and optimize various communication methods such as audio, message, video and data from DMR, PSTN, PABX, SIP, CCTV systems, etc., to help users achieve real-time information exchange and resource management.

K One is widely used in many industries such as public safety, transportation, logistics management, etc., aiming to improve the collaboration ability and emergency response efficiency of organizations.



Highlights

Modular Design, Flexible Dispatch Functions



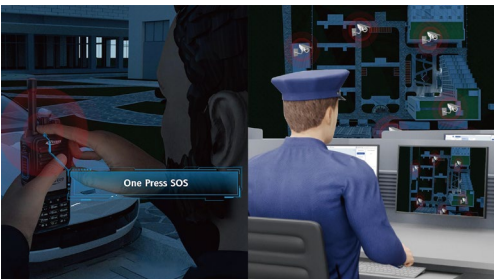
The K One system adopts a modular design, realizing differentiated dispatching function authority for different systems such as DMR Tire II conventional system, DMR Tire III Trunking system, PTTToC system, and convergence system, meeting a variety of application scenarios.

All Calls In One Platform



The K One realizes all calls in one platform such as individual call, group call, group allocation, all call, broadcast call, priority call, emergency call, conference call, ambience monitoring, etc., which can realize unified dispatching between different systems and meet the needs of critical mission communications and daily communications.

Video-assisted Decision Making



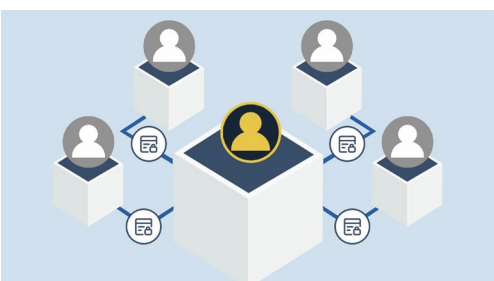
When a patrol officer activates the alarm, the commander can select a network camera near the alarm location in the GIS system and display the video of the network camera on the dispatch console. The commander can see the on-site situation and make decisions accordingly.

Map-based Dispatching and Management



The K One supports voice conferencing, video conferencing, live video, voice broadcasting, and the establishment of temporary group voice communications in a selected area on the map. The geo-fencing function sets activity areas for police officers, automatically issues entry and exit alarms, and supports activity track playback.

Multi-level Dispatch Management

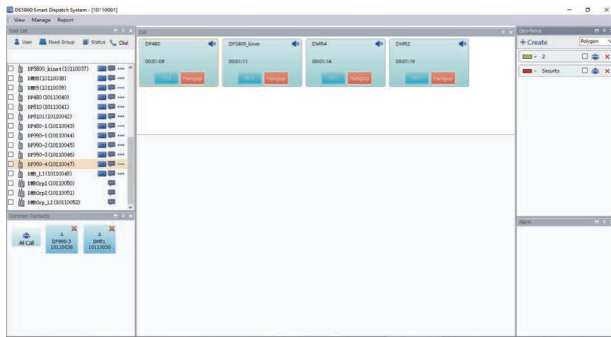


The K One supports multi-level dispatch through unified authority management, and sets roles according to the organizational structure, and grants different authorities to different roles, supporting dispatch within and across departments.

Features

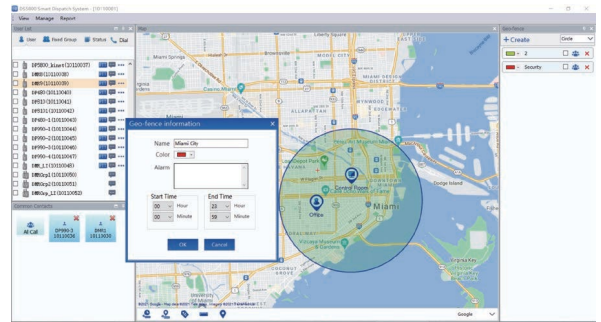
Voice Dispatch

The dispatch can initiate private calls, group calls, and all calls with terminals of different system such as DMR radios, PTTToC radios, PSTN telephones, PABX telephones, SIP telephones, to meet the needs of daily communications, emergency command and other scenarios.



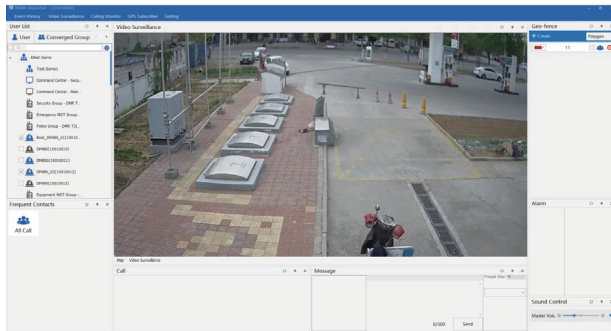
Map and Geo-fencing

The dispatch displays the terminal location in real time on the map and records historical GPS tracks for easy playback at any time. It supports the creation of geo-fencing of different shapes and colors, and supports the setting of terminal entry or exit alarms.



Video Dispatch

The dispatch can initiate video call, video pull, video push, and video transfer.



Emergency Alarm

When a terminal triggers an emergency event, the dispatch will display the alarm and handle it, and all emergency alarms will be recorded at the same time.

Voice and Video Recording

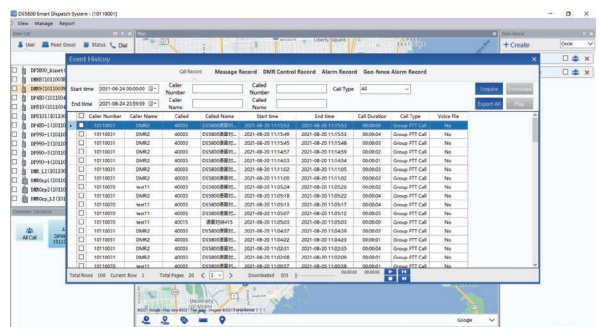
All voice calls, video calls, video conferences, surveillance videos, texts, status, and multimedia messages are recorded and stored in the server, and the dispatcher can play or download the recorded files.

Multimedia Message

The K One supports exchanging multimedia message including audio, images, videos, and files. It facilitates information sharing and communication between dispatchers and on-site personnel.

Terminals Status Monitoring and Control

The K One supports displaying the online/offline status of the terminals, as well as remote control of the terminals, such as radio check, stun revive.



Running Environment

Specifications of Dispatch Client PC	
Operating System	Windows10 or better
Memory	≥8G
CPU	IntelCore:i5 or better
Harddisk	≥1TB

Specifications of System Server(active/standby design)	
Operating System	Rocky Linux 9.4
Memory	≥16G
CPU	Xeon(R)E-2224 3.4G
Harddisk	≥1TB

Applications



Mining



Transportation



Sports Events



Public Safety



Electric Power



Oil & Gas

All specifications are tested according to applicable standards, and subject to change without notice due to continuous development.



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