TRBOnet
Digital Technologies

Increased Safety And Efficiency

for emergency services

The TRBOnet solutions by Neocom Software expand the possibilities of analog and digital radios by providing a multifunctional dispatch center for:

- *Real-time and historical tracking of personnel and vehicles*
- *Voice recording and voice dispatch*
- *Short text messaging and telemetry control*
- *Elimination of network coverage gaps*

Key Benefits

+ Continuous voice recording and voice dispatch

+ Continuous GPS tracking and the custom areas monitoring

+ Remote control and management of personnel

+ Quick commands and pre-defined alarms for notifications of emergency

+ Group messages for more effective and efficient disaster response

TRBOnet enables the reduction of response time and improved operational efficiency while increasing the safety of firefighters working in high-risk facilities.

Key features

TRBOnet enables increased safety and detailed history of routes and locations.

The GPS coordinates of each team member working in the field are readily accessible to the dispatcher. Geofence rules and automatic alarms control custom areas, speed and idle time. A choice of manual or automatic control for team members working on their own is available using the "Working alone" option.

Optional immediate notification in case of a "Man Down" or "No Movement" situation. Remote radio microphone activation capability with the ability to both record and review the remote audio feed. The "Radio Allocation" capability helps to log and control radio usage and provides the detailed reports if the radio unit should be used by different people in different period of time.

TRBOnet optimizes and enables an efficient and fully functional remote dispatch center.

Multiple remote dispatchers can have variable and flexible levels of control over different dispatch functions. The dispatcher can trigger alarms in the center, or a team member can remotely initiate alarms via radio. The solution can be set to use pre-recorded messages in response to specific types of alarms, as well as set to repeat only once or continuously using a specified interval. If immediate attention is required in case of a threat, team members can send out urgent messages to the entire response team.

Multi-channel and multi-group cross patch allows for communication between different departments and response crews to request support and assistance. The radio dispatch center can be extended using the emergency phone system to receive and forward phone calls to the radios in the field.

TRBOnet enables accountability via log recording and reporting for emergency management:

TRBOnet stores voice, GPS, telemetry data as well as activity history with no limits on retention time and can be accessed by dispatch center user at a time of need.

The solution allows for creation of relevant reports on the activity of a group of stations, or for each station individually. All voice communications are recorded within the system with no retention limitations and could be stored or exported as a single voice file for further investigation.

System Requirements

Platform
32-bit or 64-bit Intel Core i5 or better

Memory
Minimum 3 GB

Hard Disk Space
Minimum 50 MB of disk space for a full installation
Additional hard disk space is required for database

Operating System
Windows 7 / Windows 8
Windows Server 2008 / 2008 R2 / 2012
(for wireline connections only)

Database
MS SQL Server 2005/2008/2012 Express Edition or higher

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