



TALK MANAGER
TALK FINDER
TALK RECORDER

COCOM
PC BASED DISPATCHER AND AVL SYSTEM

COM: PC Based dispatcher and mobile asset management for MOTOTRBO™ mobile and portable radio.

COM allows voice communications management, private call, free text messages and status messages, ARL (Automatic Radio Location) for fleet equipped with conventional analogue radio or digital radio compliant to DMR (Digital Mobile Radio) standard, equipped with GPS. Simple and intelligent radio communication management, under a user friendly PC-based console interface.

COM is composed by three modules that can be supplied also separately: Talk Manager, Talk Finder and Talk Recorder.

Communication management “TALK MANAGER”

Radio management

This software module allows users to make a direct radio management from an intuitive tree list. Any radio can be assigned to an alphanumeric “alias” in order to simplify the management.



Private call and group call

Software allows to send and receive voice call in a simple and intuitive mode. The display graphically show the type of call (group call, private call, call alert), the id and alias of the caller and the group call being received.



Free Text and Status Messages

It is possible to send and receive free text messages and predefined status messages. COM also act as ARS server, negotiating with Mototrbo radios the refresh time of their internal ARS service. Enabling the ARS service on the radios, COM is able to show the radio effectively switched on in the system.

Radio Traffic Log

Full radio traffic appears in a log events windows and it is stored in a Microsoft SQL Server database for future statistic analysis.

Emergency call

An incoming emergency call is managed differently than normal voice call, graphically highlighted and with special audio alarms.



Operator authentication

The access to the software is restricted with a password, with the possibility to differentiate from standard user and administrator; for administrator user are reserved configuration and management functions to customize the software.

Automatic vehicle location with “TALK FINDER” module

It is possible to locate over a chosen map all the fleet components (portable radios or vehicular radios) that have GPS on board; this can be made through manual selection or in tracking mode (enabled for any single radio) that provide automatically the position of the radios at predefined intervals.

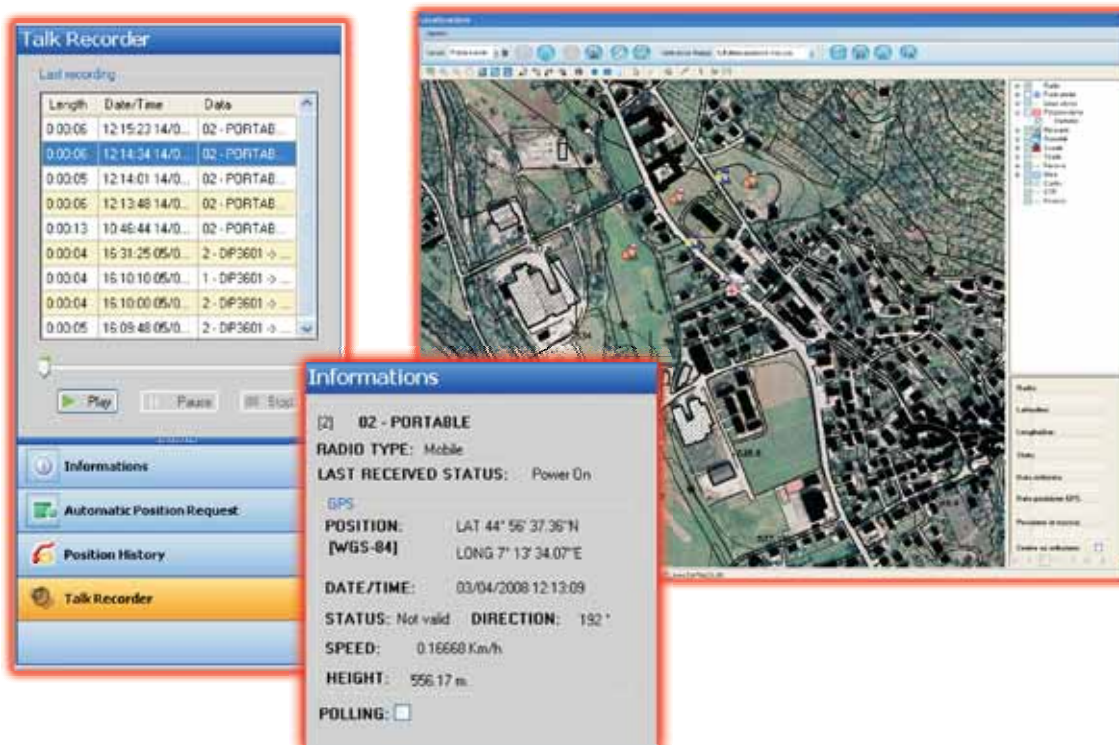
In this mode the path of user/vehicle selected can be followed. The map could be displayed at different zoom levels, to provide tracking also at city level. Standard function like pan, zoom, waypoint insertion, spatial query and geocoding could be made with the intuitive user friendly interface.

Talk finder module is able to manage more raster and vector maps layers simultaneously using major standard formats (shp, tiff, geotiff, ecw, jpg...), integrate Microsoft MapPoint, Teleatlas, Navteq and interact with Google™ Earth.

Voice recording application “TALK RECORDER”

Talk Recorder module utilizes PC's internal sound card to record radio and/or telephone voice communication. Talk Recorder makes a continuous digital recording of live radio traffic with associated unit id. A dispatcher can instantly replay the last few seconds of a transmission or repeat the entire last transmission at the click of a button, without tying up the active radio channel.

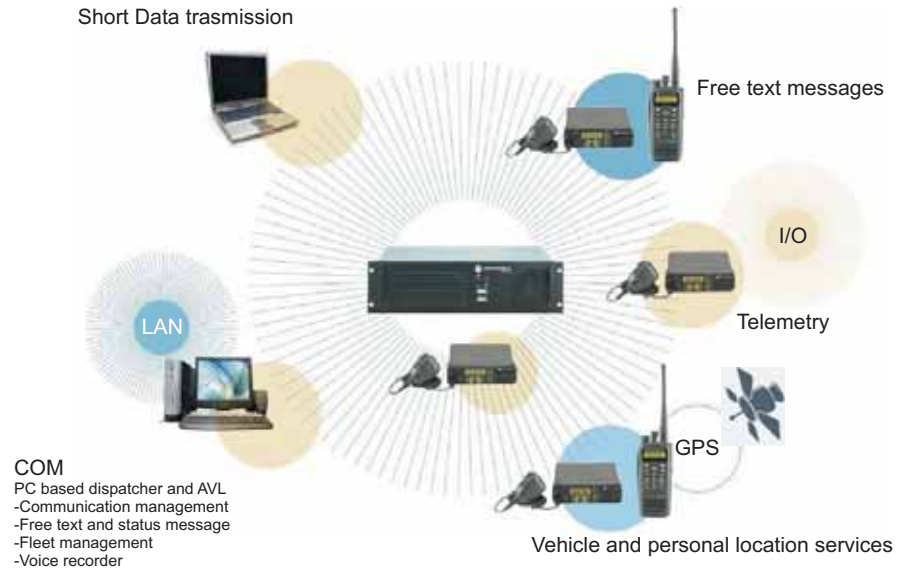
Talk Recorder permits also an history search for data and hour, group call id, individual id and for type of event: emergency, group call, private call,...



Ease to use

Software interface is highly intuitive and suitable also for operators that are not specialized in information technology.

Short Data trasmission



Adaptability

This software is developed and performed to be used within a specific radio device; however the modularity of the system allows an high adaptability to various communication protocols and radio transceiver manufacturers.

Recommended System Requirements

Processor Intel Pentium Pro or higher
Microsoft Windows 2000/XP/VISTA
512 Mb Memory RAM
300 Mb free hard disk
USB Port
CD ROM
Sound card
mouse
One or dual monitor configuration
Resolution at least 1280x1024 for best result



Via Nazionale, 13 10060 Pinasca (TO) - Italy
Phone +39-0121800669 - Fax +39-0121800381
website: www.bpg.it
e-mail: commerciale@bpg.it

