

Internav® KDT

VEHICLE TRACKING SYSTEM

PRODUCT INFORMATION

General:

Internav® KDT is an Automatic Vehicle Location, Tracking, Navigation, Management and Control system which utilises the Navstar Global Positioning System (GPS) and a VHF/UHF radio network to provide communications between the central control station and mobiles. The MS Windows based tracking system, located at the control station, automatically receives incoming positional data within the coverage area and then plots their positions on a computer based map.

The control station consists of a PC loaded with the **Internav® KDT** vehicle tracking software which is connected via a PC Controller to the base VHF/UHF radio.

Tracked vehicles are equipped with a Mobile Data Terminal (connected to a GPS) and a VHF/UHF radio.

SYSTEM COMPONENTS

Base Station Computer:

Pentium processor
32MB RAM minimum
MS Windows 95, 98, NT
1x serial communications port
1x parallel printer port
SVGA (800x600x256) graphics card minimum
1x 1.44 HD 3.5" diskette drive
100 MB HDD minimum
Microsoft mouse
Internav® KDT Vehicle Tracking Software

Base Station Communications Hardware:

PC Controller
VHF/UHF transceiver

Vehicle Communications Hardware:

King KDT5000 Mobile Data Terminal with GPS
VHF/UHF transceiver

FEATURES

- Tracking, following and finding vehicles, shown on colour scanned maps of your choice
- Automatic recording of all emergency and safety events into an event log file
- Collision detection - warning when vehicles are too close to each other
- Alarm Zones - warning when vehicles enter restricted areas
- Corridor Zones - warning when vehicles leave designated travel routes
- Waypoint Proximity - notifying a vehicle upon approaching a checkpoint (waypoint)
- Telemetry - finds the nearest or furthest vehicle to a destination and displays the vehicle speed, distance, bearing and ETA to a selected location
- Textual and photographic information attached to every vehicle and waypoint
- Vehicle position recording for later playback and analysis

Internav® KDT is one of a range of Vehicle Tracking solutions from **ICS COMMUNICATIONS** with various 'tracking station to vehicle' radio carriers available. These include the GSM mobile phone network, HF SSB technology, Satellite phone, Inmarsat-B, Inmarsat-C and VHF/UHF radio, trunking networks.

Internav® is the complete vehicle tracking solution and is currently being used in Australia (Western Australia, New South Wales, Australian Capital Territory), Hong Kong, China, Malaysia, Thailand, Korea, Nigeria, Algeria, Uganda, New Zealand and United States.

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