

FleetVision

Mobile Positioning and Communications Management Software

KEY FEATURES AND BENEFITS

- Windows 95 & NT Compatible
- External System Interface
- Client/Server Architecture
- Multiple Communication Protocols
- Easy to Install and Configure
- Improves Driver Safety and Fleet Efficiency

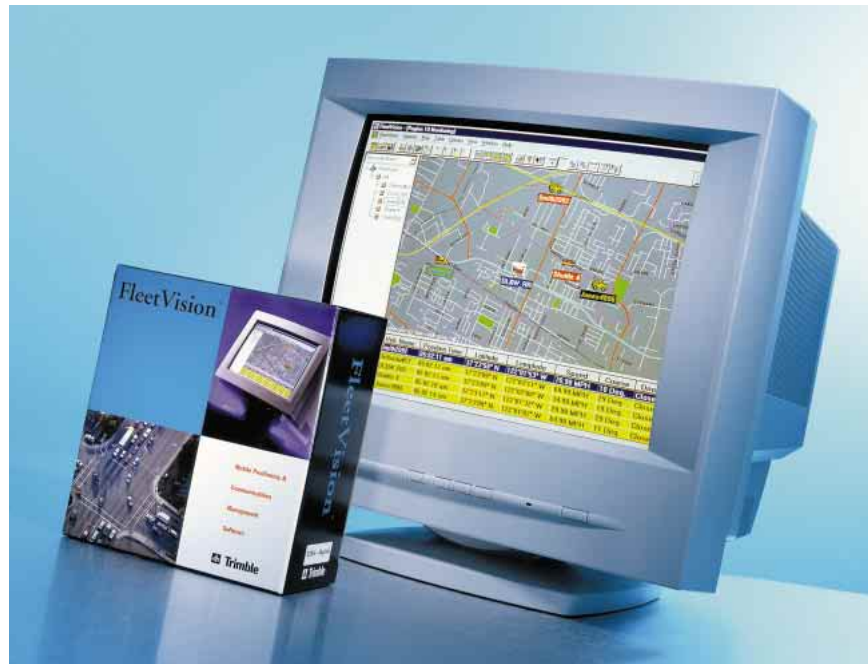
The new FleetVision® base station software from Trimble is ideal for operation as either a communications platform for use by Windows application developers and system integrators or as a stand-alone fleet management package for end users.

Supporting AVL activity and data communication management over a variety of communications networks, FleetVision helps maximize efficiency of commercial fleet operations and enhances customer service.

Designed for use with Trimble's CrossCheck™ and Placer™ families of mobile positioning products, FleetVision software provides a cost-effective base station software solution for your fleet management needs.

Key Features

FleetVision is easy to install and configure and includes the most requested features for asset management and security applications including user-definable event configuration and reporting, alarm display with audible notification, download and storage of logged vehicle data, and simultaneous real-time and replay map displays with position tracing features. Additional AVL features provided in FleetVision include continuous tracking, vehicle find/follow, time and distance reporting, and remote control of



FleetVision Vehicle Display

digital outputs connected to vehicle security peripherals like sirens and ignition lock-out.

For applications requiring more precise positioning, FleetVision supports the use of Trimble's Inverted Differential™ base station software.

Communication Flexibility

The FleetVision multi-port communications controller is capable of simultaneous support of multiple wireless network protocols such as circuit-switched AMPS cellular, GSM (circuit-switched and SMS), TCP/IP (CDPD), MAP27, and Transparent. In addition, FleetVision manages two-way data messaging and voice traffic between the base

and mobiles.

Developer Tools

Enabling developers to focus on end user applications instead of communications management, an External System Interface toolkit is available for use with FleetVision, allowing direct access to fleet management and database capabilities from the host application.

Designed for growth and flexibility, FleetVision provides a low cost, off-the-shelf base software solution for any mobile asset management and control application.

FleetVision

Mobile Positioning and Communications Management Software

FEATURES

- General:**
- Real-time mobile asset tracking
 - Distributed client-server architecture (Maps, Tables, Communications Controller, Events, Relational Database, Administration, Preferences)
 - Server support for up to 32 seats
 - Microsoft™ Access relational database with ODBC support
- Vehicle configuration and control:**
- Vehicle reporting attributes (ID, Physical name, logical name, latitude/longitude, altitude, heading, speed, time of report, time of position, state of digital input lines)
 - Configured vehicle capacity up to 10,000 vehicles
 - Extensive vehicle icon library plus import capabilities
 - Definable events/alerts as well as color coded priority-based display of alarms
 - Remote control of digital output lines
 - Data log download
- Communications:**
- Supports up to 32 communications ports
 - Communication diagnostics
- Mapping:**
- Multiple map formats, vector and raster, supporting zoom, pan, and center
 - Up to four map windows, twelve map areas per window
 - Find/Follow vehicles with continuous tracking
 - Simultaneous replay (with filters) and active tracking in separate windows
 - “Breadcrumb” vehicle position tracing
- Optional features:**
- Inverted Differential software support
 - External System Interface
 - DLL API
 - Serial API

SYSTEM COMPONENTS

- Minimum computer configuration:**
- Pentium™ 166MHz
 - Windows 95 or NT 4.0+
 - 17” SVGA monitor (21” recommended)
 - 64 MB memory
 - 2.0 GB hard disk drive
 - 1.44 MB disk drive
 - CD-ROM drive
 - Optional serial port expansion support (DigiCHANNEL™ PC/8 from Digiboard™)
 - Keyboard and mouse
 - Tape drive (recommended for backup)
 - Communications device (depends on protocol)

COMPATIBILITY FEATURES

- GPS sensors:**
- Trimble Placer™ GPS 450/455
 - Trimble Placer GPS 400 (transparent mode)
 - Trimble GPS/Cellular Messenger
 - Trimble CrossCheck AMPS Cellular
 - Trimble CrossCheck XR
- Data formats:**
- TAIP (Trimble ASCII Interface Protocol), including IQEvent Engine™ extensions
- Communication protocols:**
- MAP27
 - AMPS Cellular (Trimble AMPSLink protocol only)
 - TCP/IP (CDPD)
 - GSM (circuit-switched and SMS)
 - Transparent
- Map formats:**
- Vector: Etak™, MapInfo™
 - Raster (MapInfo information)
- Datums:**
- WGS-84 latitude and longitude
 - OSGB36 easting and northing (United Kingdom)

ORDERING INFORMATION

- | | |
|----------|---|
| 31600-10 | FleetVision Server License (Etak) Includes manual, installation CD and entire U.S. map database in Etak format on 3 CDs |
| 31600-20 | FleetVision Server License (MapInfo) Includes manual and installation CD (Maps acquired separately from third parties) |

FOR MORE INFORMATION

- E-mail us at sales_info@trimble.com
- Visit our website at www.trimble.com/mpc
- Access our FaxBack database at 1-408-481-7704

Note: All GPS receivers are subject to degradation of position and velocity accuracies under Department of Defense imposed Selective Availability (S/A).

Specifications subject to change without notice.



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