

CompassFDE™ (Fleet Data Engine) Universal AVL and Mobile Asset Tracking Server Software

CompassFDE™ is universal Automatic Vehicle Location (AVL) and Mobile Asset Tracking Server software that simultaneously receives vehicle or mobile asset location and status data for multiple fleets over different wireless communication networks. CompassFDE communicates with various standard in-vehicle AVL equipment, location-enabled handsets, CompassCom mapping clients and computer-aided dispatch (CAD) solutions. Data is archived and served in real time to clients via the Internet or intranet with standard TCP/IP and XML protocols.

FEATURES

- Supports most standard GPS and wireless communication devices
- Supports multiple communication networks and protocols simultaneously
- Provides position, status and event data (discrete inputs, such as lights on/off, siren on/off, plow up/down, airbag release, etc.)
- Allows grouping of vehicles by department, agency, etc.
- Allows users to designate vehicle colors based on status and/or discrete inputs, select vehicle icon, and customize vehicle title for display
- Archives all data to a database for vehicle data replay and generates activity reports
- Provides built-in security to control user access, built for redundant and self-healing server operations
- Serves as the data source for CompassCom's suite of client software
- Provides open architecture and standard API for third-party client and browser-based development
- Supports two-way messaging and statusing
- Supports data report generation
- Scalable to any size



INDUSTRIES SERVED

- Law Enforcement
- Public Safety
- Public Works
- Commercial Fleets
- Utility Service Fleets
- Government Agencies
- Emergency Management
- Traffic Operation Centers
- Mobile Asset Tracking and Location-Based Services

BENEFITS

- Enhances integration of location data into third-party Fleet Management Software, CAD and Enterprise Software Systems
- Enables data sharing among different AVL systems and entities, such as Public Works, Public Safety, Law Enforcement and Emergency Management
- Allows extended geographic coverage without depending on a single communication network
- Features flexible architecture that provides a migration path for future developments of mobile hardware and communication protocols
- Allows users to manage and control their own data
- Supports thousands of vehicles
- Requires minimal system administration

MINIMUM SYSTEM REQUIREMENTS

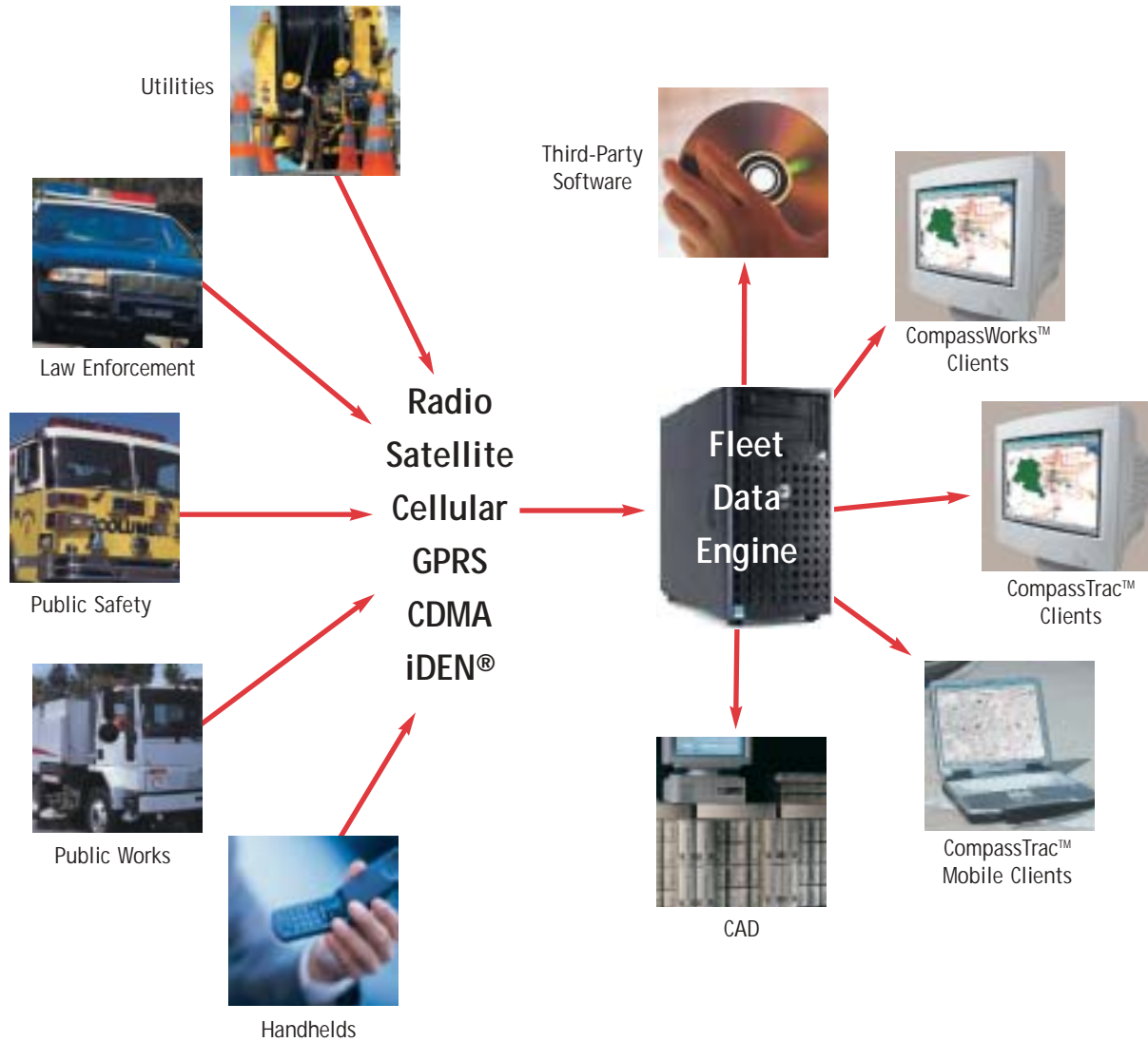
- Microsoft Windows 2000 Server (SP2)
- Microsoft Internet Explorer 6.0
- Pentium IV, 1 GHz
- 512+MB of RAM
- 40+ GB Hard Disk Drive (depending on fleet size)
- CD-RW or Tape Drive (recommended for backup)
- Database software licenses required (¹Access, ²SQL Server, ³Oracle supported)

¹Access is a registered trademark of the Microsoft Corp.

²SQL Server is a registered trademark of the Microsoft Corp.

³Oracle is a registered trademark of the Oracle Corp.

CompassFDE™ Architecture



CompassCom®

SOLUTIONS FOR AUTOMATIC VEHICLE LOCATION AND MOBILE ASSET TRACKING