

Xpedium currently offers a full suite of location based solutions from basic GPS tracking to sophisticated driver management systems that insure driver adherence to government regulations all while using the same platform to perform the required day to day activities of the company. Not all GPS systems are alike. Xpedium systems are based on super sensitive GPS chipsets that are able to detect the weakest GPS satellite signals and provide uninterrupted GPS reception and accurate position calculations in buildings, hidden places in motor vehicles and other locations with obstructed views to the sky. Accurate GPS signals are critical when calculating mileage, locating vehicles on maps, calculating vehicle speeds and signal sensitivity is crucial in large cities with tall buildings. Xpedium's mobility suite takes away the need for customers to manage multiple system integration efforts and pay multiple monthly service fees to network providers. Xpedium integrates multiple mobile devices and provides a seamless driver interface. The result is lower costs, better functionality and increased revenue based on improved driver operations.



The Xpedium Location module has the smallest foot print of any device and mounts under the dash in minutes. Its tamper proof design eliminates driver control over data.



Xpedium supports the Garmin Fleet Management Interface. Garmin terminals are low in cost and high in functionality. When attached to the Xpedium location module drivers and dispatchers can exchange messages and drivers can be assigned routes and jobs in real-time. Drivers are guided to the location with spoken directions and the systems automatically time stamps arrivals and departures.



Xpedium supports a wide variety of rugged handhelds and terminals and offers off the shelf solutions for DSD,

Pickup and Delivery and Field Service. Call today for more information.

Date	Address	City	State	Miles	Dir	Speed	Status	Online	GPS
3/4/2010 10:43:01 PM	254 W Commercial Ave	Itasca	NJ	0   0	SW	0	Ign off	Yes	GPS

The Xpedium location module can accurately locate vehicles in most cases down to the spot your vehicle is parked. Accuracy and data integrity are what sets Xpedium apart from the competition.

### What makes the Xpedium Location Module so Smart?

Unlike other GPS systems that simply transmit data back to the server for processing on some timed interval, the XLM has been equipped with extra processing power, increased memory and uses a high powered super sensitive GPS chipset. The problem with server based systems is that the server only gets updates every couple of minutes and that is just not enough data to make intelligent decisions or derive an accurate vehicle state. The XLM is a true state machine and performs all critical calculations locally.

- Calculates & accumulates mileage every second
- Checks geo-fences on predefined routes every second
- Compares readings constantly to evaluate if a vehicle is moving or stopped
- Eliminates bad GPS readings by comparing them to prior readings
- Stores data until it is confirmed in the database on the server
- Eliminates GPS drift when idling
- Manages input from multiple sensors and digital I/O devices
- Interfaces with data terminals to send and receive data and can store data locally if a terminal is out of it dock
- Provides terminal applications with location data, satellite timestamps, sensor status, vehicle status and more