

## Case study Fleet management

### Cut Fuel Usage and Reduce Operating Costs with Mobile Data Terminal Solutions

Just recently it has become an increasingly important task for dispatchers to come up with solutions for maximizing fuel efficiency and reducing operation costs. More and more, dispatch clients are not satisfied having only an AVL (Automatic Vehicle Locator) device as their main vehicle tracking system. Additionally, they are seeking more sophisticated, value-add devices to aid in navigation, two-way interaction between driver and dispatcher, and data collection from vehicle performance metrics, so that they can also maximize fuel usage.

#### Solution

Our client decided to implement our mobile data terminal solution, allowing dispatchers to log into their backend databases and to provide easier fleet tracking. The solution, especially suitable for long-haul trucks, enables companies to efficiently schedule and track deliveries in real time. Advantech's mobile data terminal solution exceeds customer expectations by helping companies cut excess fuel use in order to avoid:

- Vehicles traveling outside planned routes
- Unauthorized side trips or after-hours vehicle use
- Speeding or excessive engine idling time
- Lack of proper maintenance / inefficient engine operation

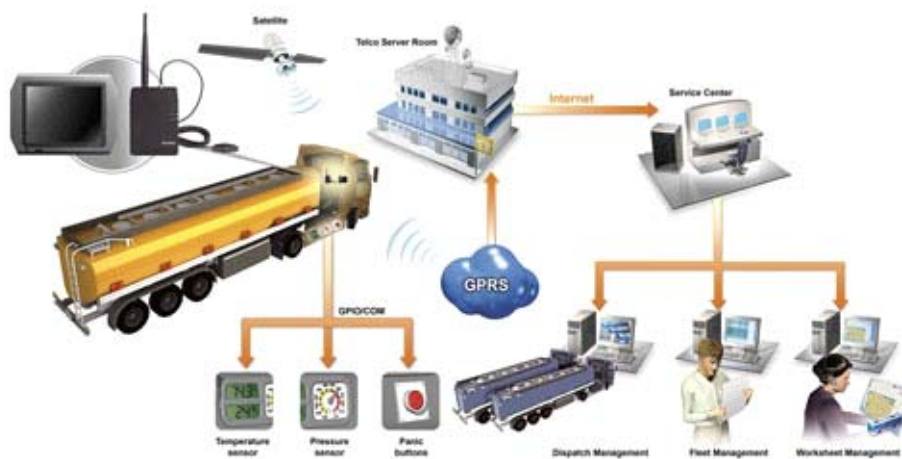
With the mobile data terminal display, drivers have real-time and efficient communication with their service centers, eliminating the need for them to report location by mobile phone. With our solution, driver safety is improved. Clients no longer need to implement one tracking system and another GPS navigation system; our solution provides everything they need!

## Benefits

Through our close relationships with system integrators and customers, we assist you with individual software applications to reach the following benefits:

- Increase visibility and efficiency of your mobile workforce and assets
- Streamline time and task management
- Maximize resource allocation
- Optimize scheduling
- Monitor authorized versus unauthorized use of mobile assets
- Enable efficient communication with mobile workers
- Provide real-time, integrated workflow information

## System overview



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