

REAL-TIME INFORMATION. BIG-TIME PROFITS.



These days it's not enough for a truck to work harder than the rest. To maximize profits, it has to work smarter too. International® trucks do – with the International® AwareSM Vehicle Intelligence solution.

A complement to the vehicle's existing electrical system, it's a revolutionary step forward in on- and off-board electronics.

Complete driver and vehicle performance tracking. Sophisticated mapping capabilities. Leading-edge diagnostic functions that help technicians address problems before they lead to breakdown.

International Aware Vehicle Intelligence gives owners and maintainers the real-time information they need to perform at their best – resulting in increased uptime, higher productivity and lower operating costs.



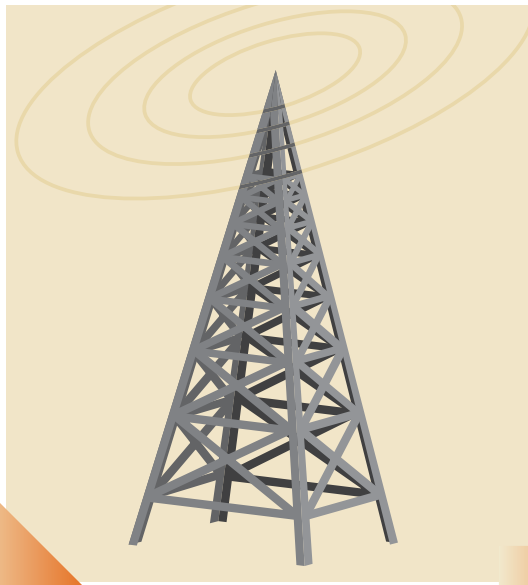
IN THE TRUCKING
BUSINESS,
THERE'S NO SUCH
THING AS
TOO MUCH
INFORMATION.

Information technology on wheels.

International® AwareSM Vehicle Intelligence provides total integration of wireless communications, vehicle-monitoring systems and GPS location devices – resulting in maximum uptime and utilization, increased fleet operations productivity and reduced fleet operating costs.

The system builds upon the vehicle's existing electrical system in which the engine, transmission, brakes, instrument panel and other vehicle components communicate with each other electronically for quicker troubleshooting, faster repairs and increased uptime.

Universal architecture makes the system applicable to all types of vehicles, including heavy, medium and severe service trucks as well as buses. Compatibility with all vehicle makes enables the system to meet a company's entire fleet needs. Plus, the system is backed by the industry's largest dealer network with nearly 1,000 dealer locations across North America.



In-Vehicle Device

In-vehicle device monitors critical operating data, fault codes and vehicle health - where truck is out of normal operating conditions. The device includes electronics modules, a cellular antenna and a GPS receiver antenna.

Wireless Communication

Each vehicle transmits information over a secure wireless network. This high level of system integrity prevents unauthorized access and ensures the data you receive is completely private and confidential.

Information

Vital information is sent real-time via an Internet web page to owners, maintainers and company managers, and can be used to better manage business. The web site organizes and packages data and diagnostic information – presented as actionable items for fleet managers. Messages can be sent to pagers, e-mail addresses or cellular phones for immediate notification of “out-of-normal” vehicle conditions or emergency situations. All communications between vehicle and fleet manager are 128 key-encrypted and delivered on a Secure Socket Layer (SSL) encrypted web page.



Vehicle and driver performance monitoring.

This system optimizes vehicle performance resulting in increased uptime and reduced fuel costs by monitoring important vehicle functions and conditions. Mobile exception notification is sent via mobile phone, PDA device or e-mail.

- Monitors fuel level, battery state of charge, odometer reading, engine hours and idle time
- Monitors accessory body equipment status such as cargo temperature or equipment usage
- With the push of a button on the dash, the driver can “call home” to:
 - Notify a dispatcher that a critical delivery has been made
 - Communicate that the vehicle has been disabled
 - Report a security issue
- Automatic fuel tax reporting calculates the exact mileage traveled in each state and the exact amount of fuel usage while driving. This feature delivers:
 - Significantly reduced paperwork
 - Greater reporting precision
 - Verifiable proof of activity



State-of-the-art diagnostics.

Real-time monitoring and service notifications streamline scheduled downtime while reducing unscheduled downtime – keeping trucks on the road for greater profit potential.

- Automated service recommendations for each vehicle in the fleet
 - Tracks each truck’s actual performance and informs maintainers when intervals will be reached for necessary maintenance
 - Service schedules can be customized to specific fleet operations and requirements using parameters such as mileage, operating hours and calendar time
- Remote monitoring of diagnostic fault codes with description, time stamp and component cause
 - When a sensor reports an out-of-range condition, the system automatically alerts the web site or mobile device – helping prevent breakdowns before they occur and reducing potential for costly downtime
 - Get immediate access to vehicle bill of material, fault code explanations and troubleshooting guides
- Obtain necessary parts in advance, before the truck arrives for service
 - Utilize fewer technicians
 - Keep fewer replacement vehicles on hand



Vehicle positioning.

Improve fleet management and protect your vehicles and drivers through precise vehicle tracking through GPS. It’s especially useful when a vehicle is in need of immediate service or re-routing.

- Fleet Location pinpoints vehicle locations, anywhere in the country
- Bread crumb trails provide a visual trail of a vehicle’s travel history – helping fleet managers keep a record of where trucks have been for logistics planning and increased driver performance
- Geo-fencing ensures the vehicle stays within designated boundaries; can also be used to verify that critical deliveries have been made
- Allows viewing of a record of all stops made by fleet vehicles – helping fleet managers design the most efficient routes and have a backup of all stops made without extra paperwork



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