



Wheel Monitor Inc. is proud to announce a new era in communications.

EWS 3000

Tractor-Trailer Serial Communications and Control

The EWS 3000 system is a centralized communications and data module. It will provide complete tractor-trailer communications and controls via a satellite or cellular communications link to the home office. Safety, Security and access to all the information on a vehicle or any other equipment on a truck can be performed. All Software functions are designed to be remotely controlled from the home office but can also be made available to the driver too.

The EWS 3000 combines the input/output control functions with several serial ports for customer communications and data transfer. The unit interfaces to RS232, RS485 and J1708 communication protocols to transfer messages between the cab or trailer. Cab to Trailer Communications is performed using PLC4Trucks, Power Line Communications with no new wires.

The electronic serial number on a cab and on the trailer will simplify your asset management. Equipped with a wireless link and battery, an untethered trailer can transmit its exact location directly into a computer data base. It even has a low cost sensor network for cargo temperature, door status, air pressure readings and more. This system is compatible with ALL ABS brakes and any other PLC4Trucks equipment. Meets all SAE Standards.

System Features:

- ✓ Multiple Serial Ports, RS232, RS485, J1708, J1939 & I²C available
- ✓ Power Line Carrier, PLC4Trucks
- ✓ GPS Location
- ✓ Serial Data Transfer
- ✓ 2 Analogue Inputs
- ✓ 6 Digital Inputs
- ✓ 4 Relayed Outputs
- ✓ Data Logging and Real Time Clock
- ✓ Electronic Serial Number for Tracking of Trucks and Trailers.
- ✓ Door Lock Controlled from Office
- ✓ Trailer Mileage for maintenance record
- ✓ Warning Messages to the Head Office
- ✓ Software Control of all Functions.
- ✓ Environmental Design
- ✓ Easy to Install
- ✓ Low Cost Wiring Solutions
- ✓ Back Up Light & Alarm
- ✓ Fuel Tax Monitoring

Options

- ✓ Driver Key Access & Identification
- ✓ Stand alone Trailer Wireless Communications
- ✓ Trailer Battery for Untethered Power
- ✓ Vehicle Disable for Home Land Security
- ✓ Display and Keypad options available
- ✓ Geo Fencing for Vehicles/Fleets
- ✓ Sand/Salt Management on Municipal Vehicles
- ✓ Reverse Detection (Doppler Radar)

Sensors

- ✓ Cargo Temperature Sensors
- ✓ Door Status Sensors
- ✓ Trailer Sensor for mileage, speed and direction.
- ✓ Low Air Pressure Sensors
- ✓ Tire Pressure Sensors
- ✓ Brake Pad Temperature
- ✓ Bearing temperature
- ✓ Brake Stroke
- ✓ Refer Communications

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