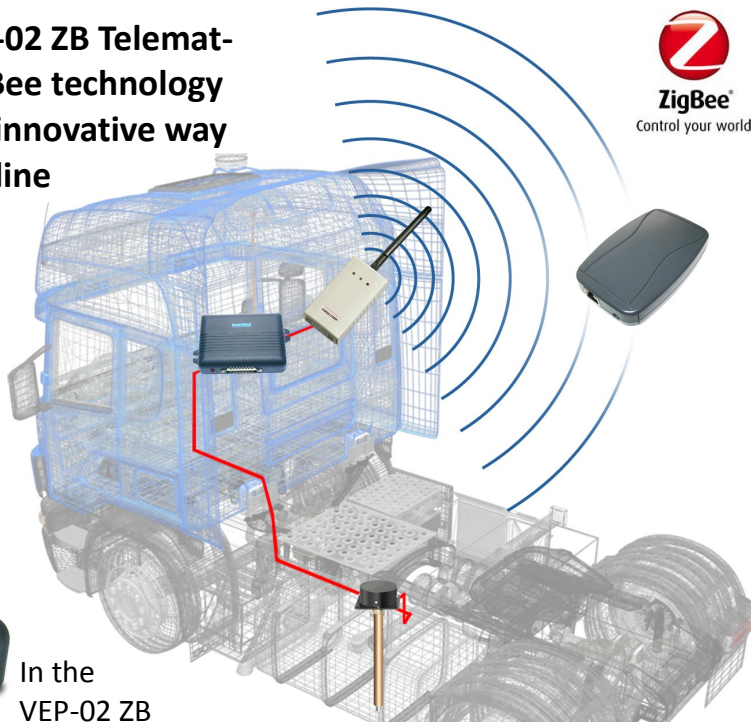


Keep on trucking with ZigBee



Vepamon's new VEP-02 ZB Telematics solution uses ZigBee technology from Telegesis in an innovative way to simplify & streamline data acquisition from commercial vehicles and plant.

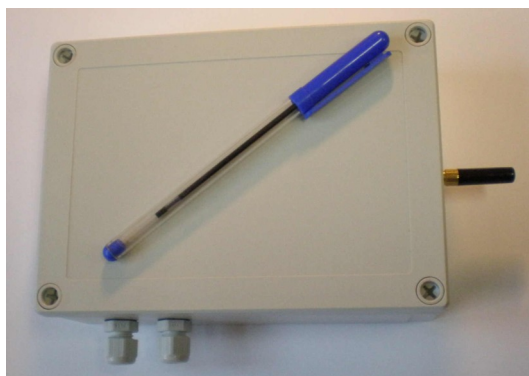
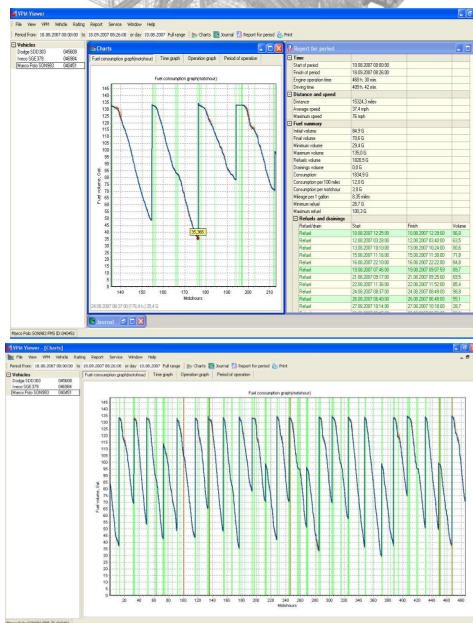
The Vepamon product range includes Dataloggers, accurate digital fuel tank sensors and ZigBee transceivers.



In the VEP-02 ZB

ZigBee system, all these system blocks are integrated into typically, a truck, earth moving plant, farm machinery or similar.

Key operating parameters of the vehicle or unit such as speed, ignition status, engine motor hours, and fuel level are logged to non volatile Flash memory in the on board vehicle data logger.



When the vehicle reaches a designated 'check point' area the on board ZigBee transceiver forms a ZigBee network with a

fixed ZigBee node and data from the logger is automatically uploaded and then sent onward via Ethernet or the internet to a remote terminal running Vepamon software which can produce a highly detailed picture of vehicle operation parameters, and fuel consumption.

VEPAMON OÜ of Narva, Estonia develop both components for Telematics systems typically used by system integrators but also complete Telematics system solutions for OEM customers.

Vepamon focus on accurate fuel tank level detection and calculation of the real fuel consumption rates of motor vehicles, earth moving machinery, diesel generators, or any other machine powered by a diesel or Petrol engine.

The Vepamon system records tank refuelling events and also unauthorised fuel withdrawal. This knowledge prevents fraud, theft and unauthorised use of fuel.



Featured Telegesis Product

The ETRX-2 module

The Telegesis ETRX2 module used by Vepamon in their wireless data logging system is a low power, 2.4GHz ISM band transceiver based on the Ember EM250 single chip ZigBee / IEEE 802.15.4 solution. The module's unique AT-style command line interface allowed Vepamon to quickly integrate ZigBee wireless technology into their design without complex software engineering. Telegesis ZigBee modules are ideal for OEM's to add ZigBee functionality quickly and easily.