

3700+
parameters



TECHNOTON
ADVANCED VEHICLE TELEMATICS



TELEMATICS: INDUSTRY SOLUTIONS

We offer comprehensive solutions for remote monitoring of road and off-road trucks, locomotives, sea and river vessels, diesel generators, fuel storages and tanks, technological machines.

Technoton products: fuel flow meters, fuel volume sensors, CAN and j1708 bus tools, contactless readers, axle load sensors, online telematic gateways.

Products and solutions by Technoton allow to achieve significant decrease of operation and maintenance costs and improve fleet efficiency.

Goals and objectives



Fuel monitoring



Axle load measurement



Fuel theft prevention



GPS position tracking



Engine operation time monitoring



Attached equipment monitoring



Mailfunction Alarms






Remote diagnostics of engine and equipment

Solutions







Digital drilling

-  Remote monitoring of operating parameters
-  Prevention of equipment idling
-  Fuel consumption monitoring








Vessels

-  Online monitoring of fuel consumption and operation time by each engine
-  Fuel theft prevention from fuel line
-  Updating fuel consumption quotas
-  Online monitoring of temperature in compartments








Railroad machinery

-  Online monitoring of fuel consumption by operation mode
-  Online monitoring of fuel volume, fill-ups and draining
-  Monitoring of engine hours by operation mode
-  Fuel theft prevention from fuel line and tank
-  Engine failure detection

Solutions





Diesel generators



-  Uninterrupted fuel supply
-  Fuel theft prevention
-  Operation time monitoring
-  Fuel consumption monitoring
-  Remote engine diagnostics






Construction machinery



-  Fuel consumption monitoring
-  Attached equipment monitoring
-  Monitoring of engine hours by operation mode
-  Fuel theft prevention

Garbage trucks



-  Tracking places and time of garbage loading/unloading
-  Main body filling-up and axle load monitoring
-  Fuel theft prevention
-  Remote diagnostics of engine and equipment
-  Detection of unloading in disallowed locations

Technologies



S6 Technology

S6 – technology of combining smart sensors and other IoT devices within one wired network for complex stationary and mobile objects monitoring.



S7 Technology

S7 – wireless technology of obtaining data from sensors of telematics system. Based on BLE (Bluetooth low energy).



IoT Burger Technology

IoT Burger – Technology of creating smart sensors and complex telematics IIoT devices operating in real time with built-in analytic features.

Facts and figures

More than 18 years on vehicle telematics and fuel monitoring markets.

550+ partners in 140+ countries.

138 employees in Technoton group.

R&D – 20 engineers, technical designers, programmers.

3 manufacturing sites: precise mechanics, electronics, pilot production.

Technical support – 7 engineers, 16 hours per day.

Technoton quality management system is certified according to the ISO 9001 standards.



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