



# AWIA Machines

Heavy machinery location and monitoring system



## AWIA Machines

### Description of the system

**AWIA Machines** is an effective device that aims to optimize the process of exploitation of heavy machinery.

The system operation is based on recording parameters from the set of sensors mounted on the vehicle.

**AWIA Machines** system allows easy analysis of aspects related to the exploitation of machines, such as type of work, travelled routes, fuel consumption, technical inspections.

**AWIA Machines** system consists of the following elements:

- ✓ system control unit equipped with AWIA Locator LC module,
- ✓ set of sensors: fuel probe, flowmeter, engine speed sensor, card or chip reader, CAN bus interface,
- ✓ **AWIA Machines** application.

The main module of AWIA Locator is on the list of devices with an anti-theft assessment published by the Automotive Industrial Institute, which allows the device to be treated as a full-fledged security required by insurers.

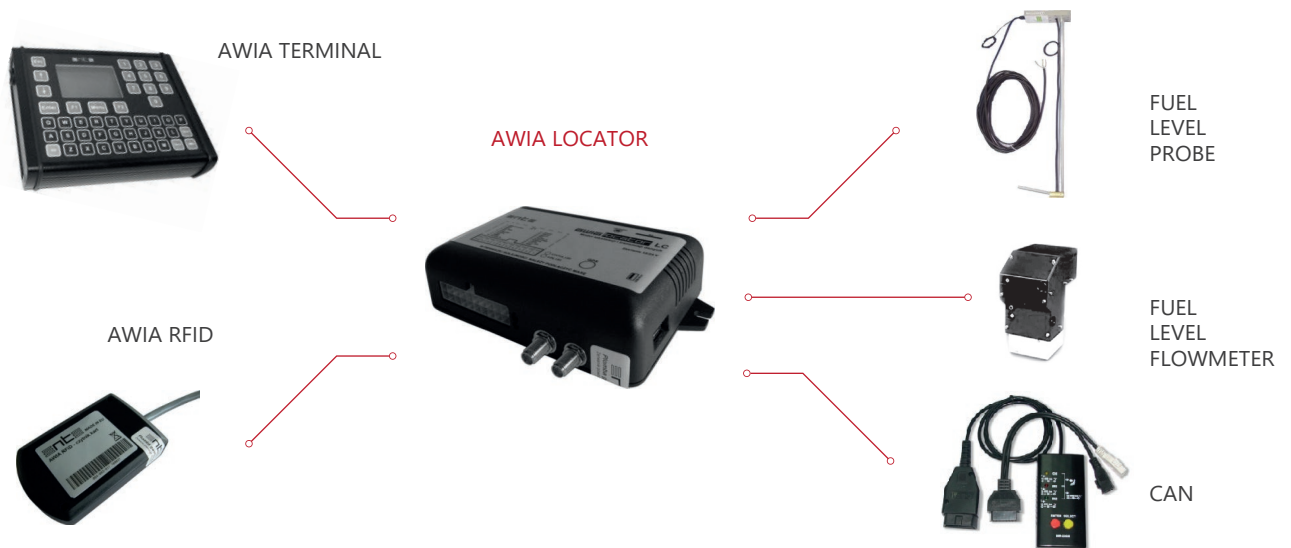
### Functionality

- ✓ Monitoring fuel consumption with a possible control of losses other than operational
- ✓ Tracking vehicles position on a digital map
- ✓ Informing about an operational status of a given machine
- ✓ Monitoring and measurement of relevant exploitation parameters of the machine
- ✓ Identifying/authorizing and registering personnel working time
- ✓ Wireless data transmission to the central system
- ✓ Function of „a black box“
- ✓ Generating reports, statistics and summaries

### Advantages

- ✓ 24/7 access to online information
- ✓ Protection against data loss
- ✓ Supervision over the timeliness of technical and warranty inspections and mandatory insurance
- ✓ Increased effectiveness of work organization
- ✓ Increased efficiency of machines exploitation

## System construction



## Compliance with standards

EC type-approval certificate of the Ministry of Infrastructure for compliance with Directive **2004/104 / EC**

Certificate of compliance with the **PN-S 76020**

Technical opinion confirming the fulfillment of the practical requirements for the effectiveness of security class standard (STD) published by the Automotive Industry Institute

