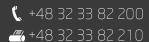




AWIA Underground Location, monitoring and equipment

Location, monitoring and equipment diagnostic system

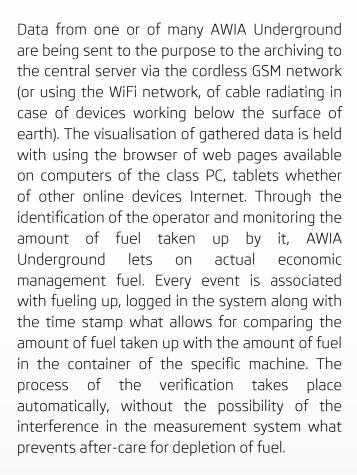






AWIA Underground

Location, monitoring and equipment diagnostic system



Thanks to the modular design any configuring the system is possible, depending on needs and requirements of the Investor.



The **Underground** is AWIA with system dedicated for underground and opencast mining units. It is used to steward machines and lets for controlling and optimizing the costs associated with the use of machines of different kind and devices:

- Of self-propelled mining machines.
- Of locomotives.
- Of systems of weights.

An accumulation and a data visualization of measuring housemaids are a basic task of the system to diagnostics and the location of the machine which he is serving. The Underground lets AWIA the canvassing of the widest spectrum of measuring data, starting from geographic coordinates, speed of moving, turnovers of the engine, level of fuel, through data from dedicated measuring devices (flowmeters, diagnostic probes, and the like), having been limited to data coming directly from the CAN trunk line of the vehicle. For ground devices information about the geographical situation is being taken from the integrated receiver GPS, however in case of devices working below the surface of earth, the localization of machines takes place based on the RFID technology.

