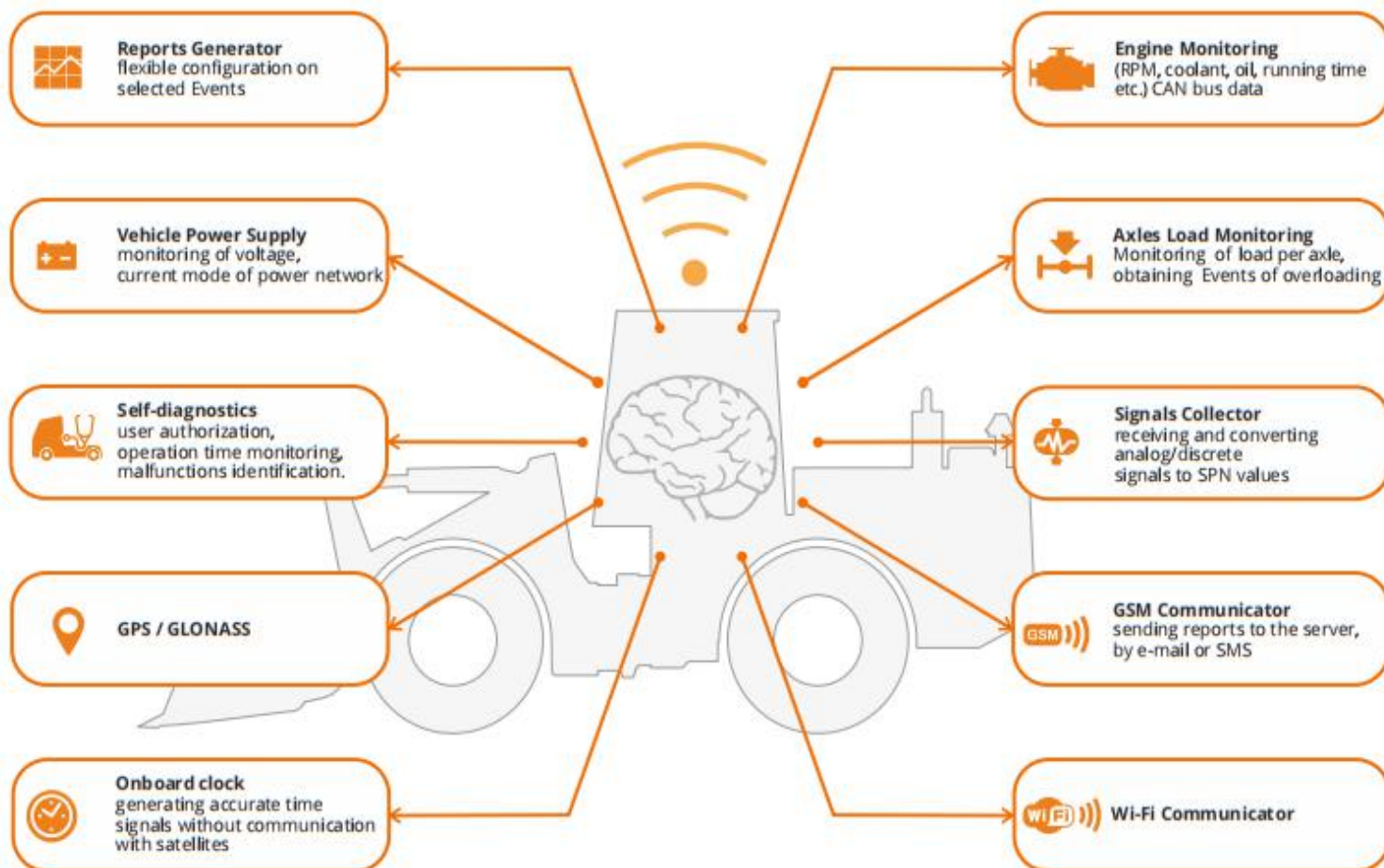# Telematics gateway

CAN UP

Monitoring more than 10,000 operation Parameters of machinery from CAN, ISOBUS and additional sensors of telematics system

✓ Unified Parameters – quick server setting and guaranteed integration with additional sensors.
✓ Recognizing quick Events – sharp change of the Parameters within 0.1 ... 10 s.
✓ Flexible customization of 20 Reports – adaptation to any machinery type.
✓ Automatic parsing of standard CAN j1939 and ISOBUS messages.

Technology S6 S7

10 000+ parameters

Reports Generator
flexible configuration on selected Events

Engine Monitoring
(RPM, coolant, oil, running time etc.) CAN bus data

Vehicle Power Supply
monitoring of voltage, current mode of power network

Axles Load Monitoring
Monitoring of load per axle, obtaining Events of overloading

Self-diagnostics
user authorization, operation time monitoring, malfunctions identification.

Signals Collector
receiving and converting analog/discrete signals to SPN values

GPS / GLONASS

GSM Communicator
sending reports to the server, by e-mail or SMS

Onboard clock
generating accurate time signals without communication with satellites

Wi-Fi Communicator

	CANUp 27 Standard	CANUp 27 Pro LTE	CANUp 27 Pro Wi-Fi
Data transmission channels	2G	2G/3G/LTE	Wi-Fi
Digital interface	CAN j1939/S6	CAN j1939/S6 and CAN 2.0B	
Wireless interface	--	S7 (Bluetooth Low Energy)	
Physical signal inputs	Analog / Frequency / Digital		
Ptotocols	Wialon IPS v.2.0	Wialon IPS v.2.0/MQTT IBM Watson IoT	
Battery life	4 ... 6 hours		
Max. number of connected sensors	• 16 flow meters, • 16 fuel level sensors, • 1 analog sensor, • 1 frequency sensor	• 16 flow meters and 16 fuel level sensors, • 1 analog sensor and 1 frequency sensor, • 10 BLE sensors (flow meters, fuel level sensors, axle load sensors)	