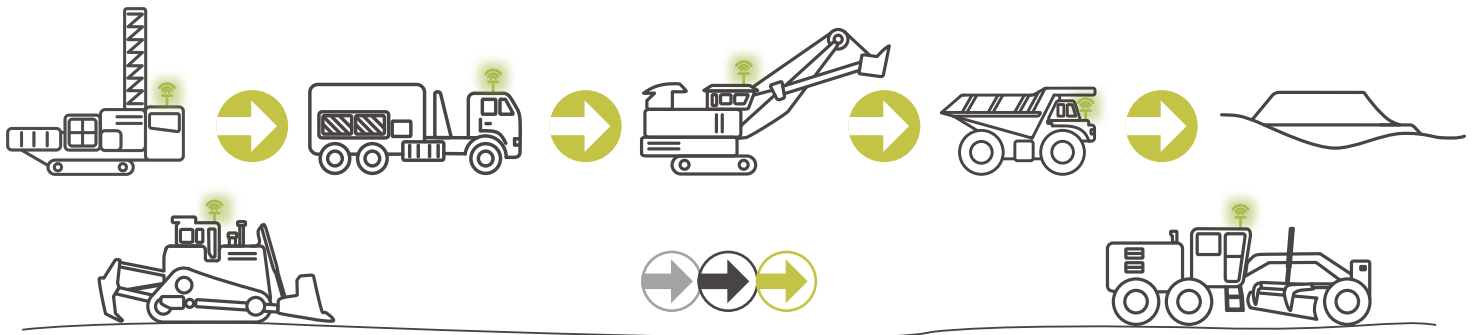




FIELD SYSTEM HARDWARE

The equipment configuration is determined based on the required tasks and may include:

➔ Onboard computer in the cab
The computer is connected to the vehicle's onboard power supply system

➔ Communication equipment

Communication equipment options:

- Built-in LTE modem with external LTE antenna
- Fully external LTE equipment
- External Wi-Fi antenna with external modem

➔ Positioning

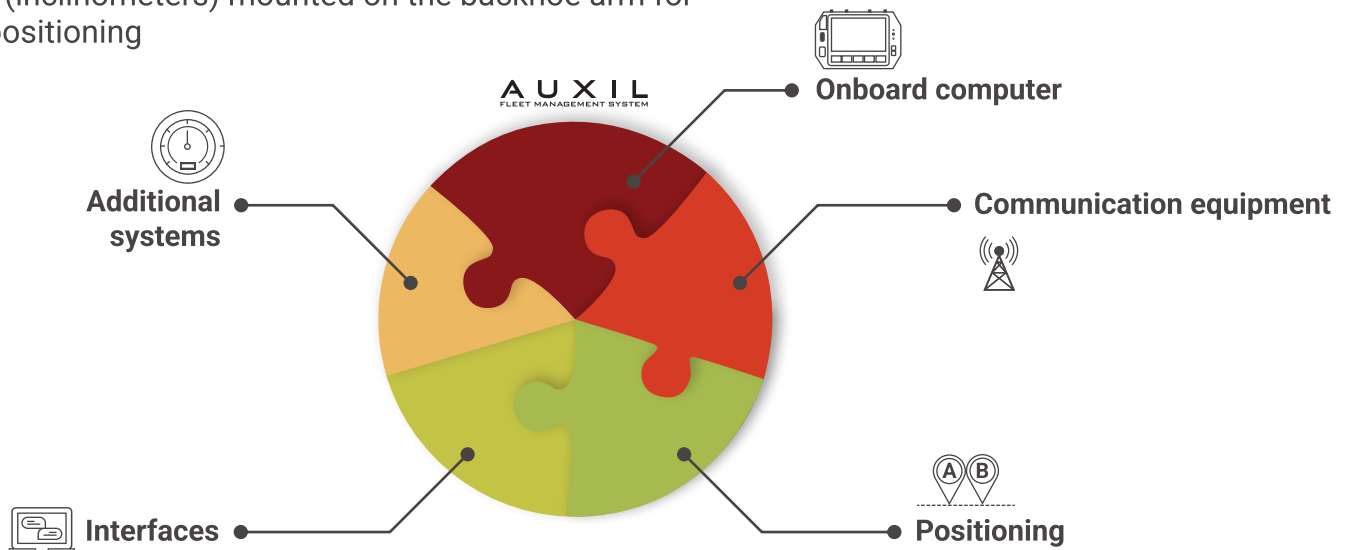
- Low-accuracy with internal or external antennas
- High-precision antennas and high-precision receiver

➔ Additional systems, for example

- Fuel sensors, tire pressure sensors
- In-cabin camera for the fatigue monitoring system
- Camera on the excavator arm for the tooth and fragmentation monitoring system
- Sensors (inclinometers) mounted on the backhoe arm for bucket positioning

➔ Equipment for connecting equipment interfaces

Installation time ranges from 4 hours to two shifts, depending on the set of components





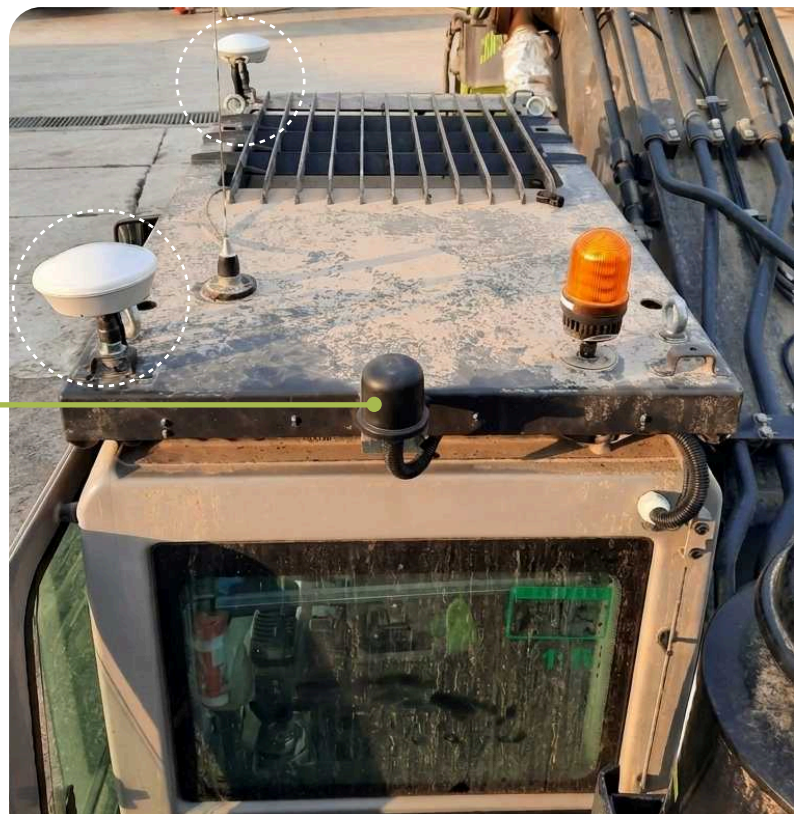
Internal LTE and GPS antennas
in the cabin



Computer installed in the cabin



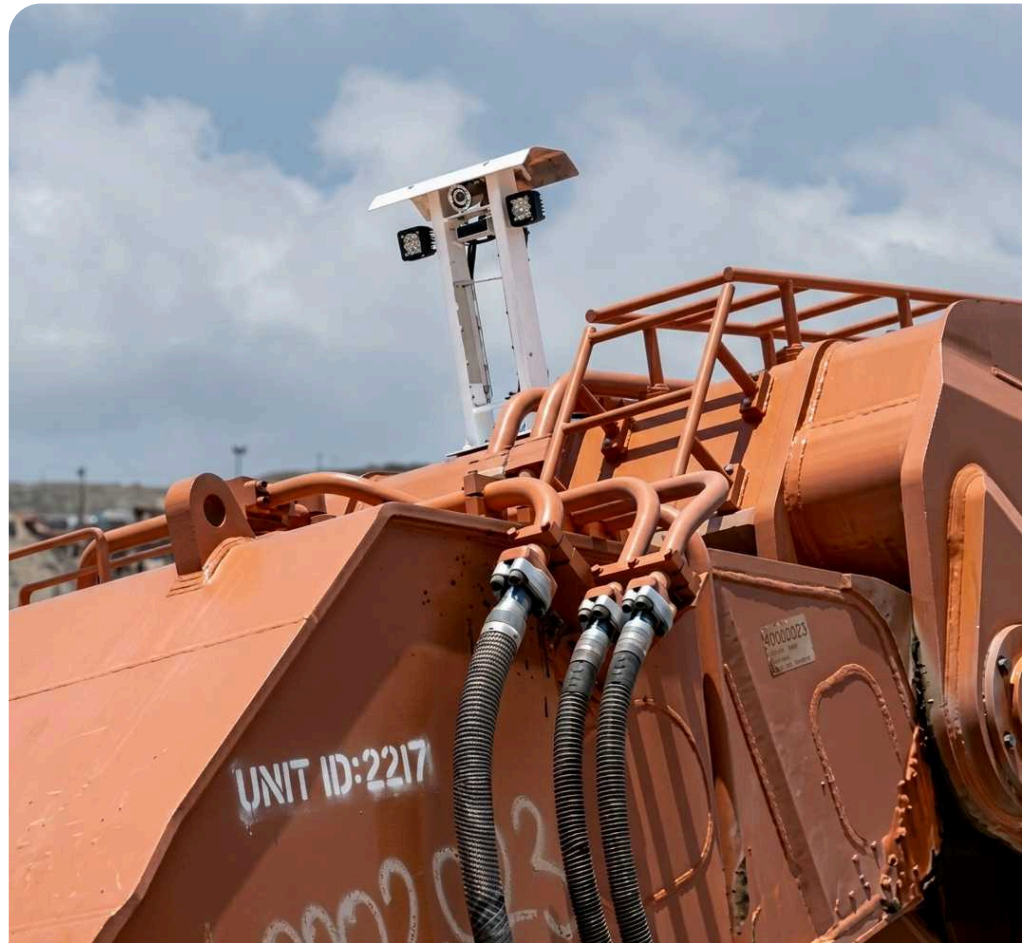
External LTE antenna



High-precision GPS antennas



The high-precision antenna for the differential correction station



Camera on the excavator arm for the missed tooth and bucket component detection system



Camera for operator fatigue monitoring system

Onboard computer



LTE or Wi-Fi communication equipment and GPS



External antennas



Internal antenna

Positioning equipment



High-precision antennas



GNSS receiver

Interfaces connection



Additional systems



Fuel monitoring systems



Tire pressure monitoring systems



Camera for the missed tooth control



Driver safety systems



Inclinometer

COMPONENTS

- High-resolution video cameras, LED lights, mounting elements.
 - Software for the server and the onboard devices.
 - Onboard computer with AI module.
 - AUXIL system equipment with standard or high-precision positioning.
 - Wi-Fi, LTE, 5G support.
 - Integration with onboard systems of excavators for reading the telemetry and performance indicators.
-

MINING ART – PURE VALUE. NOTHING EXTRA

- **Availability** - We use hardware in our solutions that are openly available on the market, which reduces the overall project cost and simplifies subsequent maintenance.
- **Reliability** - All equipment comes with a manufacturer's 1-2 years warranty. Our software meets 99.9% SLA requirements.
- **Flexibility** - Our software is open to modifications tailored to your business needs. You can make adjustments independently.
- **Transparency** - Forget about subscription fees for technical support and services. You pay for the provided services only.
- **Experience** - Since 2015, we have been developing and implementing our own software solutions for the mining industry.