## FLEET MANAGEMENT SYSTEM AUXIL







**Drilling** 

Charging

Excavation

Transportation

Blending Stacking Crushing





**Auxiliary** 



## **PURPOSES**

- Precise excavation with the perfect accuracy
- Reduction of ore dilution and improved material extraction control through minimizing operator influence and remote monitoring
- Automated accounting of various types of mined material. Averaging material quality in the truck
- Improving efficiency through the wireless mining plans uploading



Remotely upload a digital plan to the excavator's tablet



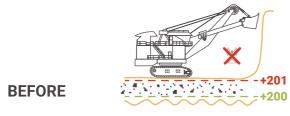
Remotely monitor the progress of mining operations

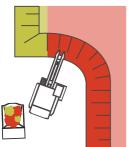


Automatic data collection for every bucket: digging and dumping points, rotation angle, material quality, time, number of buckets per truck



Operation based on polygons or block model



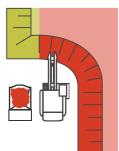












**AUXIL INTERFACE** 



Operator's tablet

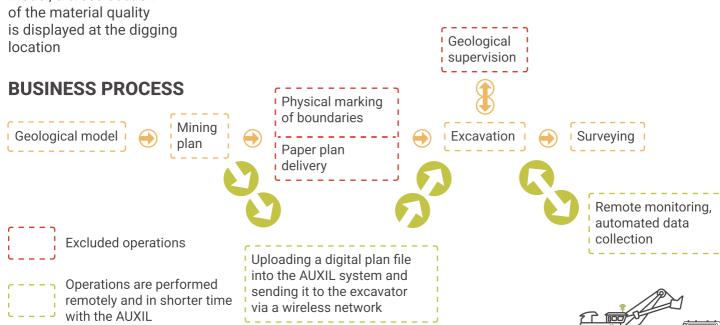
Digging and unloading points

Floor control



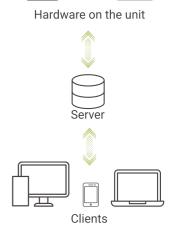


model, a cross-section



## **COMPONENTS**

- Equipment for excavators with IP65 protection and vibration resistance includes onboard computers, high-precision navigation units, and antennas.
- Wi-Fi, LTE, 5G support.
- Integration with onboard systems of excavators for reading the telemetry and performance indicators.
- Software for the server and the onboard devices.



## **MINING ART**

- 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.