FLEET MANAGEMENT SYSTEM AUXIL

AUXIL
FLEET MANAGEMENT SYSTEM

MINING ART

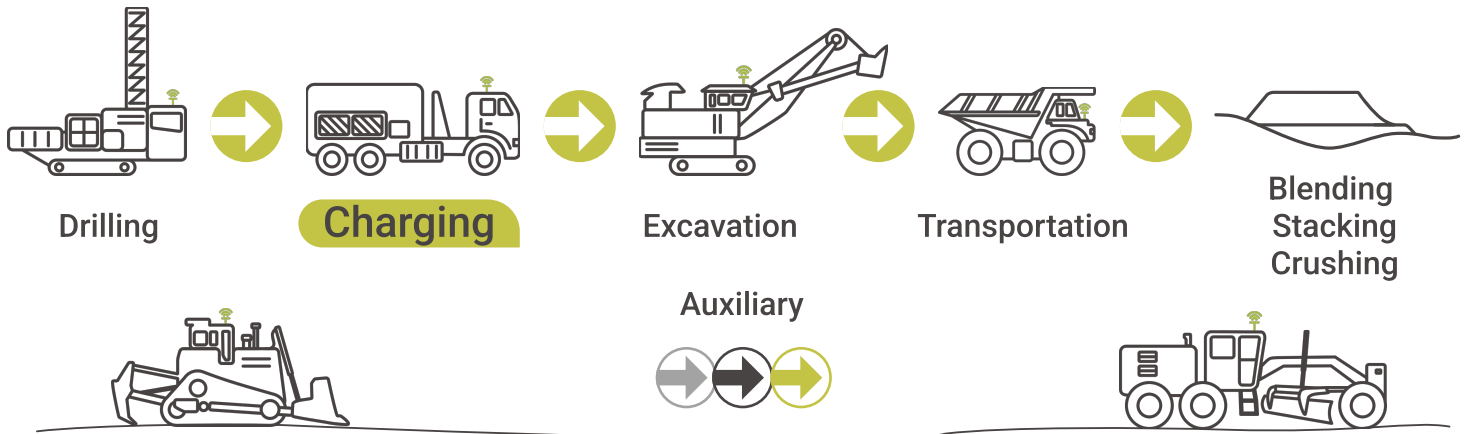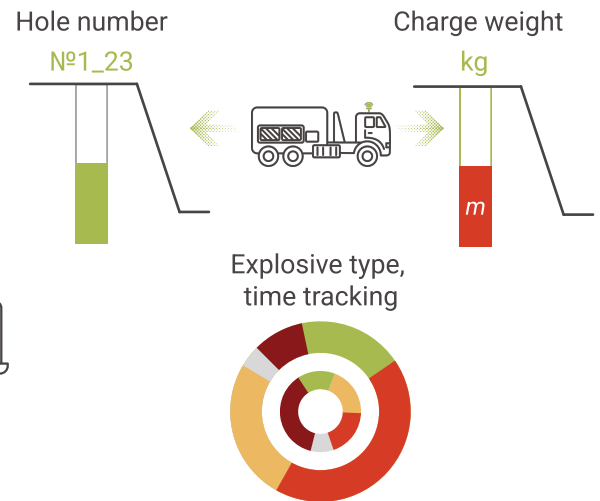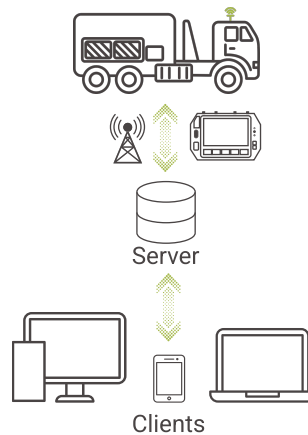Drilling → **Charging** → Excavation → Transportation → Blending Stacking Crushing

Auxiliary

PURPOSES

- Improving the accuracy of block charging
- Automated tracking of charging trucks performance
- Automation of the explosive consumption tracking process

Server

Clients

Hole number
№1_23

Charge weight
kg

m

Explosive type, time tracking

→ Digital project and improved charging quality. The operator only confirms the charge, and the charge volume is automatically transmitted to the charger

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FLEET MANAGEMENT SYSTEM

→ Automatic recording of charging results, including the explosive weight for each hole and logging of any missed holes

→ Remote monitoring. Enables automated oversight of contractors

COMPONENTS

- Equipment with IP65 protection rating and vibration protection - onboard computer, high-precision receiver, antennas
- Wi-Fi, LTE, 5G support
- Integration with onboard systems for reading and transmitting data during hole charging
- Software for the server and the onboard devices

AUXIL INTERFACE

− +	SOS 16:18	Map Routes Forms Reports GeoWlan Speed Processes Drills Loading
	Detonator	
	Cartridge	Equipment filter
	Cancel	☐ Shovel ☐ Truck ☐ Loader ☐ Auxil. ☐ Drills ☑ Blast truck ☐ Other Equipment
ANFO Emulsion	Weight 0	
ANFO ▲		
Menu	Charge finish	960-401 Hole ID:3

Drilling integrity (dr. integrity), %
100%

Charge integrity (ch. integrity), %
98.1%

Charge quality (ch. quality), %
79.1%

Actual weight **16995** Target weight **19253** +/- **-2258**

Operator interface   Dispatcher Map view   Charging report