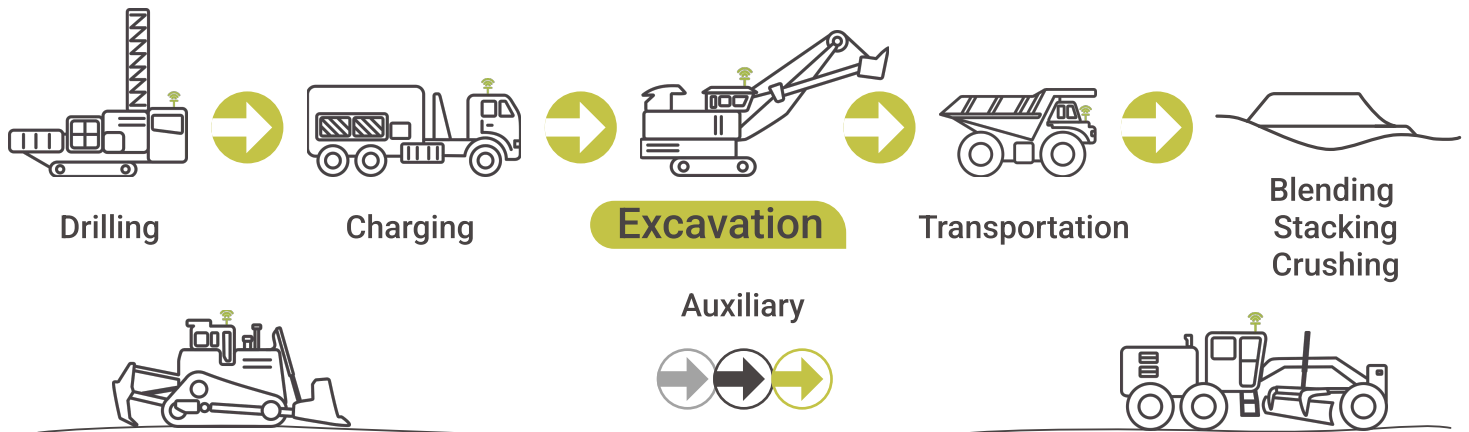


FLEET MANAGEMENT SYSTEM AUXIL



PURPOSES

- Elimination of cases of bucket tooth loss and their unloading into the crusher



Quick response to tooth or crown loss



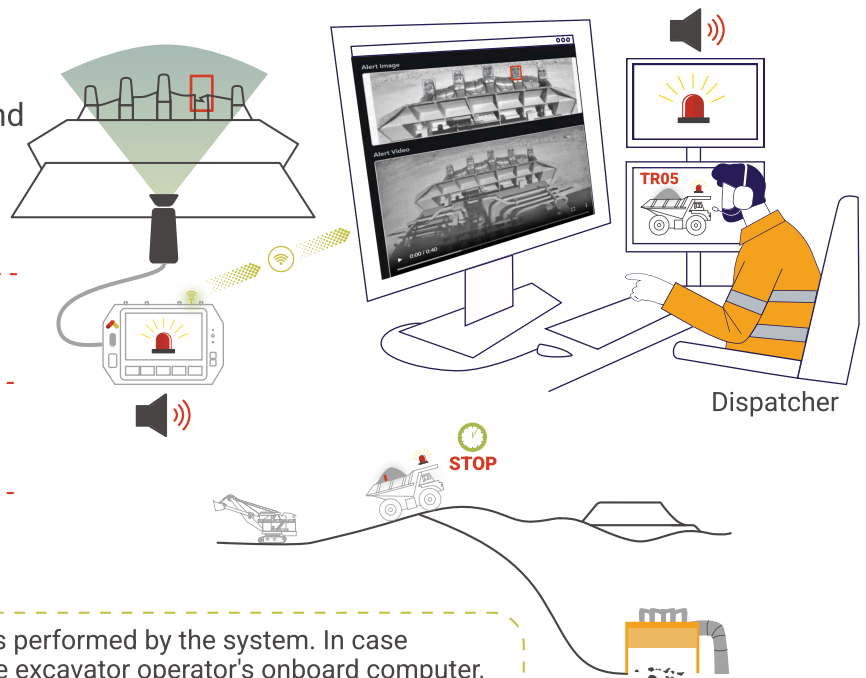
The system is resistant to poor visibility conditions and vibration loads



Automatic indication of the haul truck that received the lost tooth



Video recording of events



Continuous monitoring of the bucket's condition is performed by the system. In case of a tooth loss, a warning message pops up on the excavator operator's onboard computer, a message is sent to the dump truck driver, and a priority message with an audible alert is sent to the dispatcher's system. The dispatcher will be able to promptly verify the authenticity of the event via video



Photo of the device installed on the arm

Alert Image



Alert Video



Alert Details

Equipment: 46

Date/Time: 2025/10/31
09:40

Type: Missing Teeth

Confidence: 75%

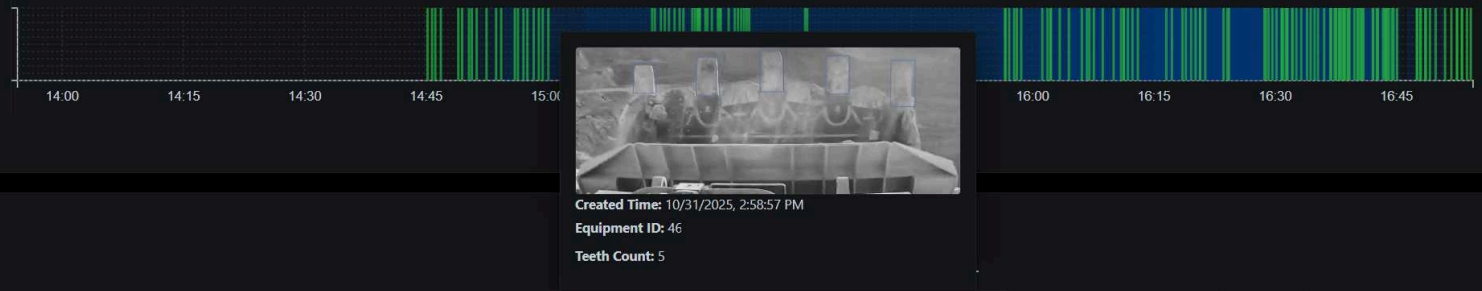
Status: **Confirmed**

The dispatcher can check the system activation in a separate window and view the video

System Status

System Status: Active
 Last Event: 2025-10-31 18:54:09+03:00
 Avg Time Between: 0.4 min
 Data Quality: 98.6%
 (0.3 min ago)

Last 3 Hours Activity



The time interval (or time segment) and the area of interest can be viewed with photos and videos from the camera



Convenient analysis of historical events

The system utilizes computer vision and machine learning tools for real-time streaming video analysis. The target system response time is up to 3 minutes, taking into account the continuous arrival of dump trucks

Teeth alerts

Time Range

from 2025/10/30 16:53 to 2025/10/31 16:53

☐ Auto Update
 ☒ Only with Media

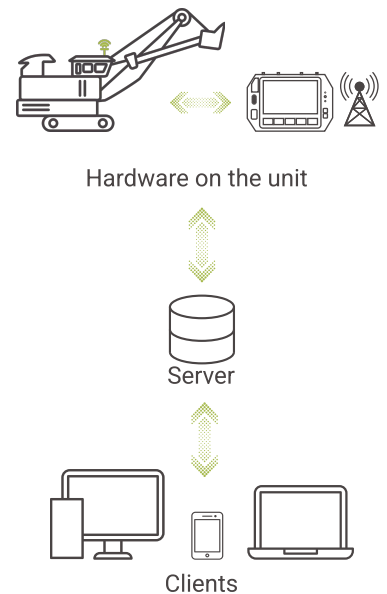
Equipment...	Date/Time	Type	Confidence..	Status	Reviewed by	Reviewed at
46	2025/10/31 09:40	Missing Teeth	75%	Confirmed	ofis	2025/10/31 09:43

Rows per page: 15
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Dispatcher notifications about system alerts

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

- **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.