

EQUIPMENT COMPONENT LIFECYCLE MANAGEMENT

PURPOSE

- Lower equipment maintenance and operating costs
- ➔ Transition from reactive maintenance to proactive. Reduction of emergency repairs and downtime. Increased service intervals
- ➔ Improvement of the quality of planned maintenance execution
- ➔ Collection of statistics on component operating hours
- ➔ Better budgeting
- ➔ Reliable analytics system

FORMS

Data on assemblies and components is entered into the forms, and changes are recorded through these forms

- A form for entering component data


Map Routes **Forms** Reports GeoWlan Speed Processes Drills Loading Teeth Control Help center MA

Components BROWSE... ADD RECORD REFRESH

Component type
Tire Serial # Descr CLEAR Drills only Include decommissioned





ID	Descr	Serial #	Manufacturer	Model	Size	Location	Rebuild	Life start	
235	None	47-118-Tire B1(FL)	MICHL	None	40.00R57	47-118-Tire B1(FL)	0	None	EDIT DELETE
234	None	47-118-Tire B4(LRI)	MICHL	None	40.00R57	47-118-Tire B4(LRI)	0	None	EDIT DELETE
233	None	47-118-Tire B6(RRO)	MICHL	None	40.00R57	47-118-Tire B6(RRO)	0	None	EDIT DELETE

- A form for entering dimension data

Map Routes Forms ▾ Reports ▾ GeoWlan Speed Processes Drills Loading Teeth Control Help center  MA ▾

Components - Sizes ADD RECORD
REFRESH

Component type
Rod ▾

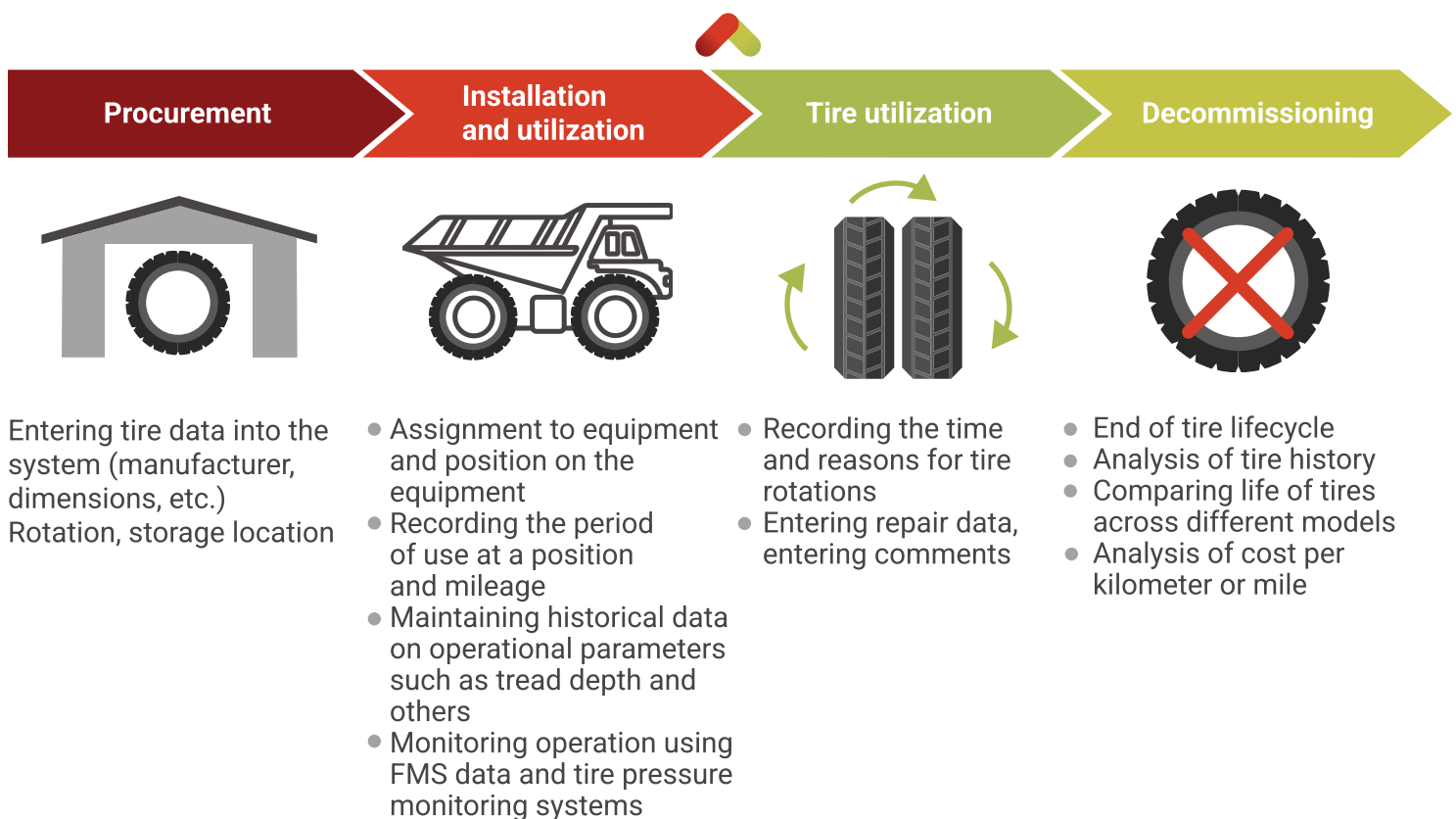
ID	Type	Size		
21	Rod	No size	 EDIT	 DELETE
22	Rod	76 mm	 EDIT	 DELETE

THE SYSTEM INCLUDES SEVERAL FORMS: COMPONENT INSTALLATION LOCATION, TYPES, MANUFACTURERS, DIMENSIONS, MODELS, AND SPECIFICATIONS

TIRE MANAGEMENT

The system includes advanced tire management functionality. It allows tracking mileage, entering tread depth measurement data, recording rotations, managing inventory, moving a tire from one position to another, and entering and adjusting data.

TIRE LIFECYCLE AND SYSTEM OPERATION



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.
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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.