

Paus Connect Cloud



Life-Cycle-Costs under control with the monitoring system from Paus

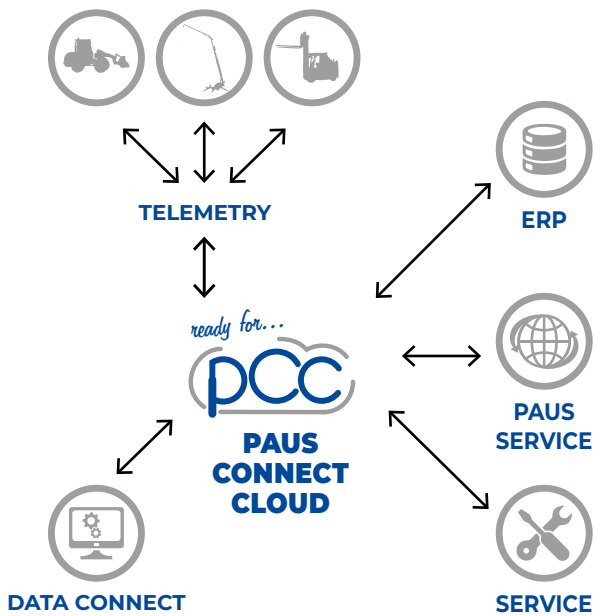


**STRONG. STABLE. DURABLE.
EVERY DAY.**



The Paus monitoring system

The Paus Connect Cloud is a proven system „Made in Germany“. Keep an eye on your machines at all times: see how your machine is being used, monitor messages and be prepared for possible machine maintenance. The system can be installed on Paus machines and integrated into existing networks.



 Realtime Monitoring

 Statistical Analysis of Operations

 Connectivity

 Remote diagnosis

 User Administration

 Capacity for Extensions & Integrations

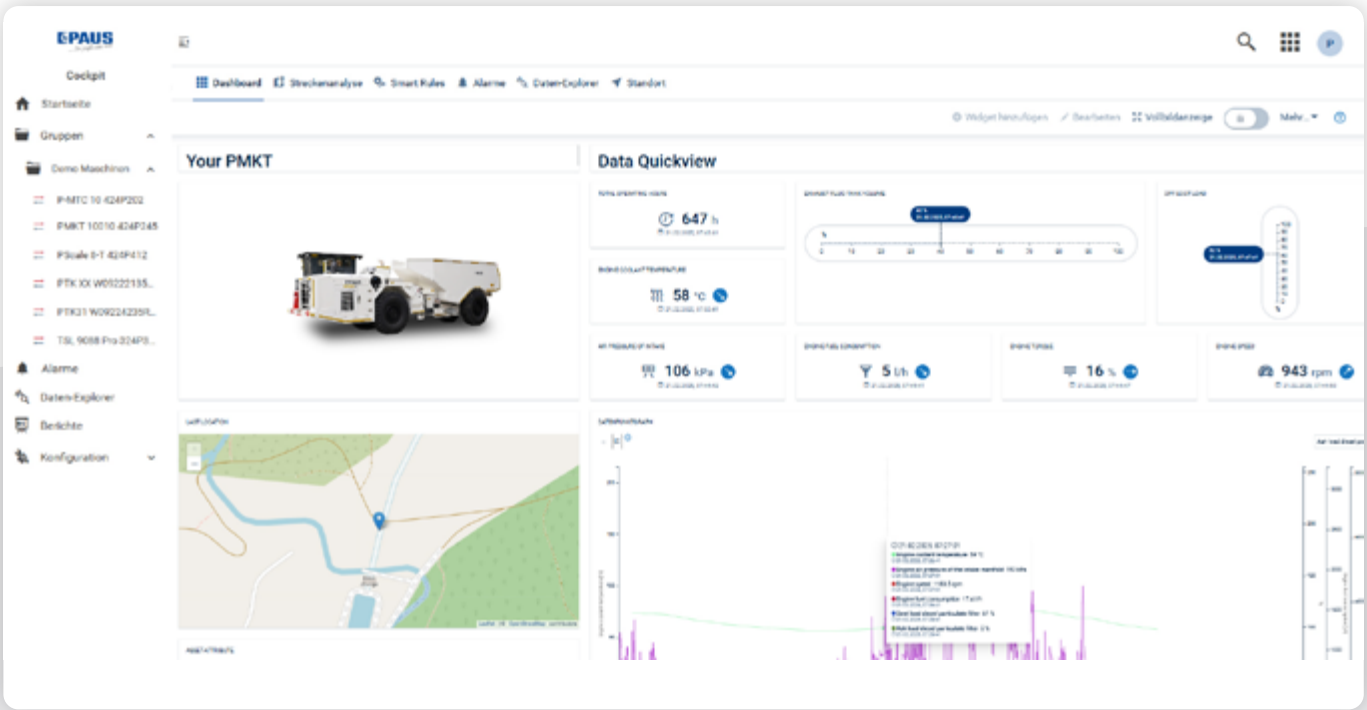
 Geofencing*

 Acceleration Sensors

 Retrofit Option

 Machine Operation Approval*

* on request



Detailed view of a machine

EXAMPLE DATA POINTS FOR MINING MACHINES

Data points per machine*	PScale	MinCa 18 A	PG10 HA	PFL	UNIVERSA 55	P-MTC 10
Acceleration XYZ axis	▪	▪	▪	▪	▪	▪
Ignition voltage telemetry unit	▪	▪	▪	▪	▪	▪
Supply voltage telemtry unit	▪	▪	▪	▪	▪	▪
Engine air pressure of the intake manifold	▪	▪	▪	▪	▪	▪
Engine speed	▪	▪	▪	▪	▪	▪
Engine total operating hours	▪	▪	▪	▪	▪	▪
Engine fuel consumption	▪	▪	▪	▪	▪	▪
Engine required torque	▪	▪	▪	▪	▪	▪
Engine coolant temperature	▪	▪	▪	▪	▪	▪
Engine oil pressure	▪	▪	▪	▪	▪	▪
Engine torque	▪	▪	▪	▪	▪	▪
Engine total fuel used	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Diesel particulate filter time since last active regeneration	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Soot load diesel particulate filter	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Ash load diesel particulate filter	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Traction drive active gear	▪			▪	▪	▪
Total machine travel distance	▪				▪	▪
Wheel based vehicle speed	▪	▪		▪	▪	▪
Traction drive oil temperature	▪	▪				▪
Direction switch status	▪					▪
Parking brake status	▪			▪	▪	▪
Traction drive flow rate of hydraulic motor	▪					▪
Brake pedal position	▪					▪
Shift lever Position				▪	▪	
Gear position				▪	▪	
Brake pressure hydraulic system					▪	
Brake pressure circuit 2 hydraulic system					▪	
Hydraulic system oil temperature	▪				▪	▪
Hydraulic system oil temperature 2	▪					
Power Takeoff Oil Temperature					▪	
Vehicle state (Normal, Safety mode, emergency stop)						▪
Operating mode						▪
Workload						▪
Incline angle						▪
Swivel angle						▪
Telescope position						▪
Main boom angle						▪
Engine operating hours attachments (P-Scale Hammer)	▪					

* other options available on request



Paus Connect

Paus Connect provides real-time machine performance data and supports you in the operation, but also in the maintenance and service of your machines, so that downtimes due to preventable repairs can be avoided.

We look forward to your request!

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We care

As an expert for complete and special solutions Paus offers an extensive range of machines for mining and tunneling, lift technology and construction machinery since 1968.

Paus means „Quality Made in Germany“.

Our quality management is certified according to ISO 9001.

