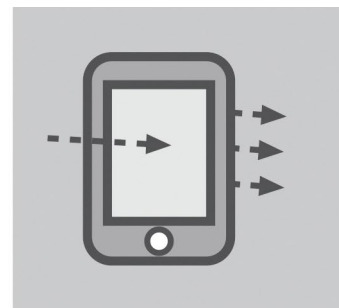# TROESTER
Industry 4.0 Solutions
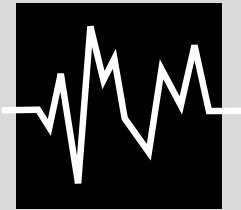

TROESTER

EXCELLENCE IN EXTRUSION.

TROESTER Industry 4.0 Solutions

TROESTER lines combines excellent extrusion technology with optimal regulation, control and reporting systems. As a worldwide successful supplier of complete cable lines from one source, TROESTER knows that it is only one part in the master plan of producing cable economically and offers tailored solutions for maintenance procedures and data-interchange interfaces to superior host systems.

Preventive Maintenance
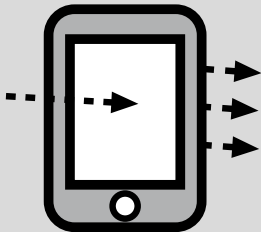
> Time-based reminder of periodic maintenance intervals, e.g. changing oil or filters
> Restart locking if scheduled service procedures not done or failed
> Personified checklists and logfiles for carried-out works for machine cares

Predictive Maintenance
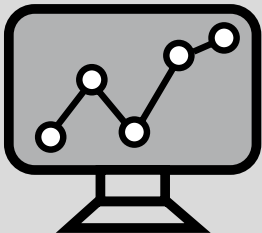### by Condition Monitoring of sensitive parts, e.g. extruder gear boxes

> Continuous measurements of the relative water content and temperature in lubricants
> Particle counters with purity class indication
> Real-time vibration monitoring for gear box and bearing wearing
> Alarm display and logging in case of exceeding tolerances
> Trend display of all values for long time analytics and preventive works

Guided Maintenance
by Augmented Reality Diagnosis Tool

> Access to relevant information and drawings of identified objects
> Display of important process values
> Guided troubleshooting with situational hints and references
> Facility to leave comments for later shifts
> Isolated and secure application - an Internet connection is not needed

Connectivity
to superior host system

> Providing of all process values and set points for wwanalytics and preventive works
> Take-over of processing list from host system
> Pre-processing of spool protocols and other enterprise-internal documents
> Customized interfaces to host system (OPC, OPC-UA, …)