



Connected Analysis & Remote
Expertise Services

OILGEARTM

Advanced Hydraulics &
Control Systems

MACHINE MONITORING + HYDRAULIC EXPERTISE

Turn Machine Data Into Sustainable Performance

CARES connects machine monitoring with Oilgear hydraulic and controls expertise. Critical operating data is reviewed in context to identify performance gaps, prioritize corrective action, and build an ROI case using actual machine conditions.

Optimized Machine Performance

Use operating data to identify conditions that limit availability, cycle consistency, quality, or energy efficiency.

Sustainable Performance

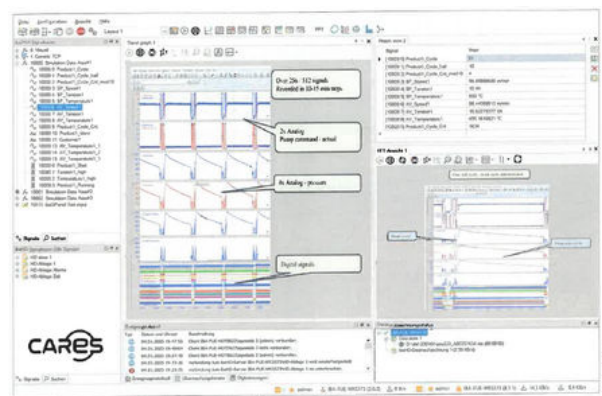
Track the effect of corrective actions and establish a repeatable baseline for continued operation.

Data-Driven ROI (Return on Investment)

Support maintenance and modernization decisions with measured conditions, defined actions, and quantifiable results.



What CARES Monitors



- Pressure, flow, temperature, position, cycle time, and application-specific signals
- Operating trends, event data, alarms, and deviations from the baseline
- Machine behavior before and after a service or performance change

From Operating Signal to Corrective Action

1 CONNECT

Define objectives
and signals

2 MONITOR

Capture a
baseline

3 ANALYZE

Identify causes
and gaps

4 ACT

Apply approved
changes

5 VERIFY

Measure the
result

Oilgear specialists correlate hydraulic, controls, and process data, then provide prioritized recommendations and a method for verifying improvement.

TECHNICAL PROOF POINTS AND MEASURABLE RESULTS

Monitoring Backed by Oilgear Expertise

Continuous Visibility

Monitor critical parameters, trends, events, and deviations from the established baseline.

Expert Diagnostics

Apply Oilgear hydraulic, controls, automation, and process knowledge to the machine data.

Corrective Action

Document findings, likely causes, priorities, and recommended maintenance or system changes.

Connected Support

Support approved automation and control modifications remotely where the application allows.

Lifecycle Capability

Connect monitoring with audits, preventive maintenance, repairs, upgrades, training, and parts support.

Verified Improvement

Compare post-action performance with the baseline to document operating and financial effects.

Build the ROI (Return on Investment) From Operating Evidence

CARES measures changes in the factors that drive operating cost and output:

Availability

Unplanned downtime, recovery time, planned service time, and recurrence of similar events.

Performance

Cycle time, throughput, process stability, alarm frequency, and operation at the intended setpoints.

Resource Use

Energy consumption, oil condition, replacement parts, service labor, travel, and remote-support time.

Oilgear Capability Behind CARES

- Hydraulic system and controls engineering; machine audits and feasibility studies
- Preventive maintenance, oil analysis, emergency repair, and multi-year service support
- Upgrades, modernization, technical training, spare-parts planning, and logistics

START WITH THE MACHINE OBJECTIVE

Contact your Oilgear representative to define the operating issue, available machine data, and appropriate CARES monitoring approach.