

# Comprehensive production equipment information at your fingertips

with OIS Equipment

Any oil company is using a variety of complicated production equipment to produce and transport hydrocarbons.

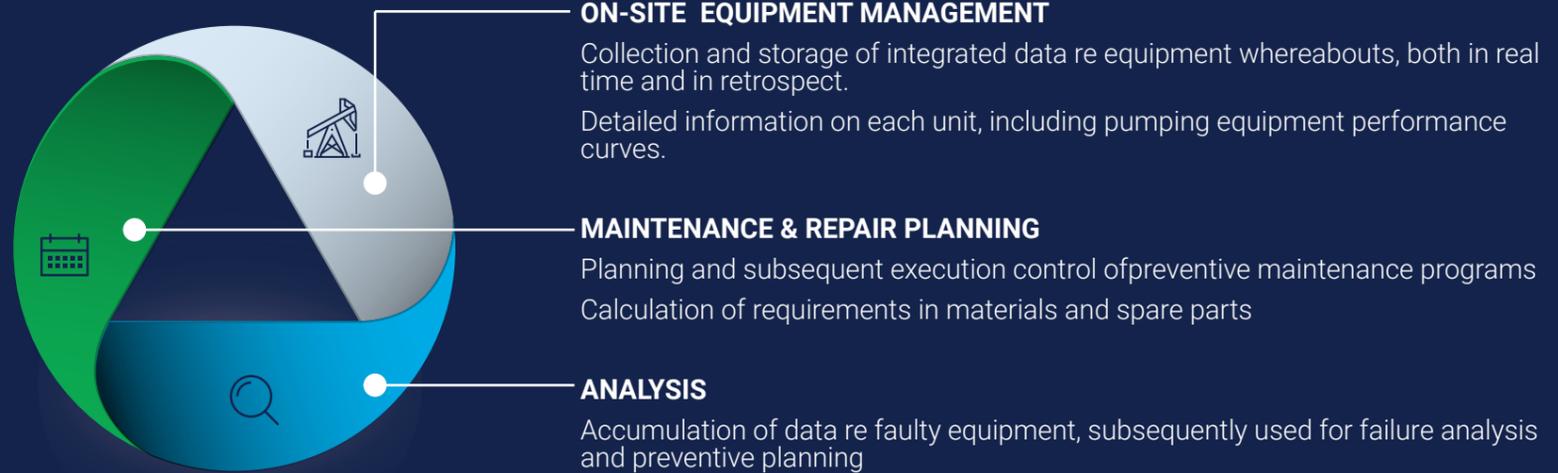
Efficiency of production depends greatly on efficient management of equipment inventory, optimal placement of equipment to various production sites and proper organization of maintenance.

OIS Equipment is the solution designed to address these tasks, including planning preventive maintenance, recording equipment history, maintenance information and other relevant data.

## OIS EQUIPMENT IS USED BY PROCESS AND MECHANICAL ENGINEERS FOR:

- Locating equipment (in a storage facility, repair shop or on site);
- Defining equipment class and performance characteristics;
- Planning preventive maintenance and repairs;
- Recording data on installation procedures and failures, required for failure investigation;
- Building equipment performance reports.

OIS Equipment is designed to optimize daily work of upstream personnel. For example, one needs to select completion tubing for a well. Based on required characteristics, a process engineer selects a suitable tubing configuration and creates picking and installation request. After the tubing has been installed, the process engineer enters the required information into the system. The well is then brought online. In case of a failure, the equipment is removed from the well, and an investigation is conducted. A tubing defect is identified as the root cause. The process engineer searches the system for similar root causes and finds out that all the faulty tubings were purchased from the same supplier. The decision is made to change the tubing supplier. This results in fewer failures and longer MTBF. Structured and comprehensive collection of data for failure analysis identifies and helps resolving a multitude of production issues such as poor equipment selection, installation flaws, scaling, waxing and many more.



### KEY BENEFITS:

**2-4%**

OPEX reduction

**25-30%**

human factor related errors minimization

**15-20%**

MTBF increase

### DELIVERS VALUE BY:

- Reducing operating expenses and increasing equipment reliability through proper preventive maintenance and repairs;
- Increasing MTBF through corrective actions based on root cause analysis;
- Optimizing equipment stock through better resource planning;
- Providing structured and reliable data on equipment locations and specifications;
- Flexible and insightful reporting;

### CUSTOMERS:



IRKUTSK OIL COMPANY



BASHNEFT