

# Run your upstream operations at digital speed

with OIS Hydrocarbon

One of the greatest challenges for any oil or gas field operator is continuous improvement of economic performance.

OIS Hydrocarbon is a field-level solution for efficient collection, recording and aggregation of data from production wells.

Complete cycle of well data processing and management based on any geological, technological, or organizational object provides real-time well performance indicators, as well as supports management with complete access to all upstream data for the duration of field development history.

Geoscientists perform continuous data analysis, enabling prompt identification of any deviation or deterioration and rapid response such as changing well lineup or suggesting other corrective actions aimed at improving well performance.

## OIS HYDROCARBON PROVIDES AN INTEGRATED IT ENVIRONMENT ENCOMPASSING THE WHOLE WELL STOCK LIFECYCLE



### WELL PASSPORT

is an interactive document containing complete history of the well since spudding including operating conditions (general info, geotechnical column, downhole and special equipment, reservoir properties, and much more).



### WELL STOCK MANAGEMENT

records any changes in well and wellbore properties, such as change of function, status, operation mode, active reservoir, injection/production ratio for each reservoir, equipment tripping, etc..



### START/ SHUTDOWN MONITORING

registers downtime of wells and process facilities, including cause of downtime and its possible changes, group starts/shutdowns when certain gathering or power network facilities are disengaged, including planned and actual production deferment.



### RESEARCH

offers a package of ready-to-use methods for calculating reservoir and downhole pressures based on various input data sets, including physical and chemical properties of injected and produced fluids in reservoir and surface conditions, gas properties, etc.



### DASHBOARD

can be customized to display any required parameters based on well function with various visualization options. The total of displayable and editable parameters exceeds 550. Data from remote telemetric systems can be managed in real time; this includes analyzing and confirming measurements, building crossplots, and so on.



### OPERATING CONDITIONS MANAGEMENT

allows building and monitoring operating conditions for any type of wells, taking into account actual reservoir, downhole and wellhead pressures, liquid or gas rates, water cut, gas-oil ratio, solids content, equipment size and service life. One can build operating conditions for the whole well stock for a range of following periods, and make sure that production targets are met through planning well interventions.



### WELL INTERVENTION MANAGEMENT

allows planning and recording well interventions, as well as assessing post-intervention well operating properties vs target increment.



### BY BALANCING MEASURED AND ACTUAL WELL PERFORMANCE INDICATORS

one can adjust production and injection volumes, as well as water intake and discharge for company's various assets.



### KEY BENEFITS:

**2-3x**

operational decision-making acceleration

**10-12%**

overall production increase

### DELIVERS VALUE BY:

- Providing immediate access to a unified database for all experts and management;
- Reducing time and effort required to collect and process data during daily business operations;
- Implementing unified formats and templates for document management.

### CUSTOMERS:

