### oilfield.ai®

# The fastest way to increase asset ROI

At the intersection of physics and augmented intelligence (AI), oilfield.ai<sup>®</sup> is a cloudbased application hub that helps operators optimize project economics and reduce their carbon footprint through a suite of seamless business applications.



# Innovation by integration of technologies

- oilfield.ai<sup>®</sup> is designed for engineers and combines geoscience and engineering principles.
- oilfield.ai<sup>®</sup> connects to upstream and downstream applications. Its open architecture enables the integration of your own machine learning algorithms and models.



### Disruptive solutions that revolutionize real-time decision-making and prediction capabilities, leading to faster ROI

oilfield.ai® creates a bespoke predictive model for each oil or gas asset. Petroleum and reservoir engineers, geologists, economists, and investors have quick and easy access to these integrated prediction models and fast decision-making tools. The outcome is a better and leaner field development plan which continues to improve over time.

## Models in minutes, predictions in seconds

Easily convert measurements to models within minutes. Use these models to run millions of scenarios thereby automating decision-making in order to identify the optimal production, drilling, and reservoir plans.

### Case study: Water and gas flooding optimization

- Necessary data is collected, cleansed and contextualized.
- oilfield.ai<sup>®</sup> leverages insights from this data for reservoir management.
- Reservoir engineers obtain fast, valuable insights on drainage strategy for their fields, and guidance on how to optimize waterflooding operations.
- Delivery time is 2-8 weeks (other techniques take months).
- To view this white paper, please visit: <u>https://oilfield.ai/whitepapers.</u>



**Benefits** 

oilfield.ai<sup>®</sup> is a vital tool for the majority of assets lacking a traditional simulation model, offering a highvalue complement to mitigate issues with incumbent fluid flow, financial and economic modeling techniques.

- Shorter decision cycles
- Higher recovery
- Reduced financial risk
- Reduced lift costs
- Leaner logistics
- Quantified Uncertainty



### **Product features**

#### Plug and play

Enjoy frictionless onboarding that requires only domain knowledge of the user.

#### Fast

Build reproducible models in minutes; make predictions in fractions of seconds and evaluate 1000s of scenarios in hours.

#### Accurate

Update models effortlessly by learning from new streaming data; reduce interpretation biases by integrating raw measurements to guide predictions.

#### Scale in the cloud

Access your hub from anywhere and any device. Scale your runs in the cloud to support large datasets.

#### Data-driven

Utilize geological, completions and reservoir data to make informed decisions while we take care of measurement errors and data scarcity.

#### **Our partners**





To learn more about our cloud-based **oilfield.a**i<sup>®</sup> product, please visit <u>https://oilfield.ai</u>, or send an email to <u>software@maillance.com</u>.