

# AI-Powered Competitive Advantage for the Upstream Energy Industry

Leveraging AI-powered optimization technology boosts throughput and maximizes value from sub-surface through facilities—empowering producers to meet energy demand while navigating cost and carbon constraints.

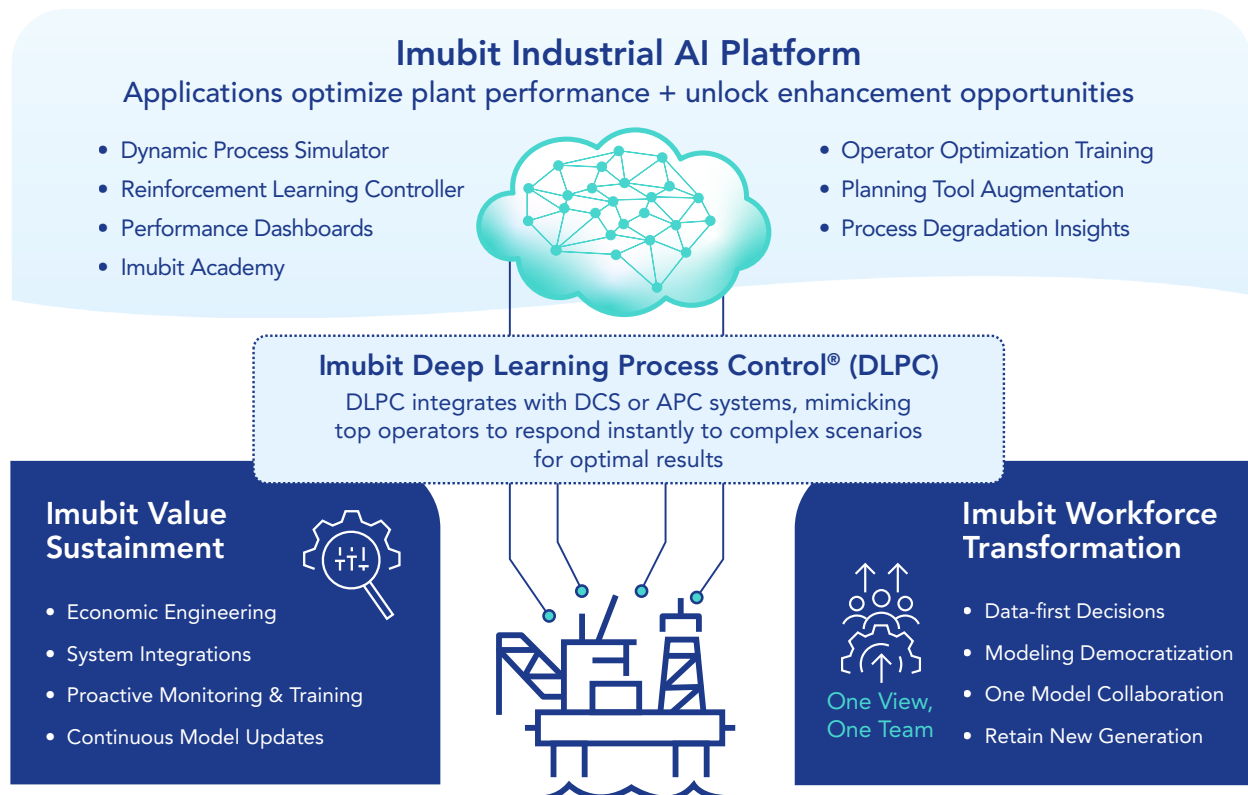


Geopolitical tensions, regulatory volatility, margin pressures, talent drain, and shareholder-mandated AI are complex issues that have energy producers challenging the status quo of process optimization with next-gen technologies.

Imubit's solution, the Optimizing Brain, is the industry's leading Closed Loop AI Optimization (AIO) platform that transforms process data and constraints into a high-fidelity model that optimizes production tradeoffs through real-time control and offline insights.

Unlike first-principles simulators, rule-of-thumb heuristics, or point solutions, Imubit's Industrial AI Platform lets your engineers train patented neural nets on your process data across all regimes with no oversimplifying approximations. Imubit goes beyond advisory-only software with one KPI-benchmarked platform for autonomous operation and cross-team execution excellence.

## An Optimizing Brain™ for Your Plant



# Why Imubit AIO



## Industry-leading AI Tech

Patented Reinforcement Learning (RL) technology is your super-operator. Imubit AIO experiences every minute of your production history and learns every most-optimal decision.



## Interactive Explainability

What-if analysis simulates model response to changes to pricing, constraints or disturbances to build operator and engineer trust.



## GenAI-powered Insights

AI built into all aspects of the Imubit AIO Platform from smart suggestions during model building to input variable contributions to critical model targets.



## Built-in Collaboration

In-app communications break down organizational silos and ensure all teams are experiencing a single shared version of plant reality.



# 1-3%

Average Throughput Increase

# 10-20%

Reduction in Energy Consumption

# 100%

Workforce AI Adoption

### Optimize Offshore Slugging Flow Assurance

- ✓ Improved production rate
- ✓ Maximized system reliability
- ✓ Minimized man-hour impacts

## 1-3%

oil recovery increase

### Improve Gas Treating & Separation

- ✓ Increased hydrocarbon recovery
- ✓ Reduced amine usage
- ✓ Reduced energy cost and flaring

## 5-10%

chemical and energy cost reduction

### Well Injection Rates Optimization

- ✓ Increased oil recovery
- ✓ Reduced injection inefficiencies
- ✓ Responsive to reservoir changes or new drilling

## 1-5%

oil recovery increase

Join the industrial sector's leading innovators



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## Ready to see what AIO can do for your asset?

On average, Imubit AIO **delivers 5X ROI** in the first 90 days.

Request Your AI Optimization Assessment Today

[imubit.com/GetAIO](https://imubit.com/GetAIO)