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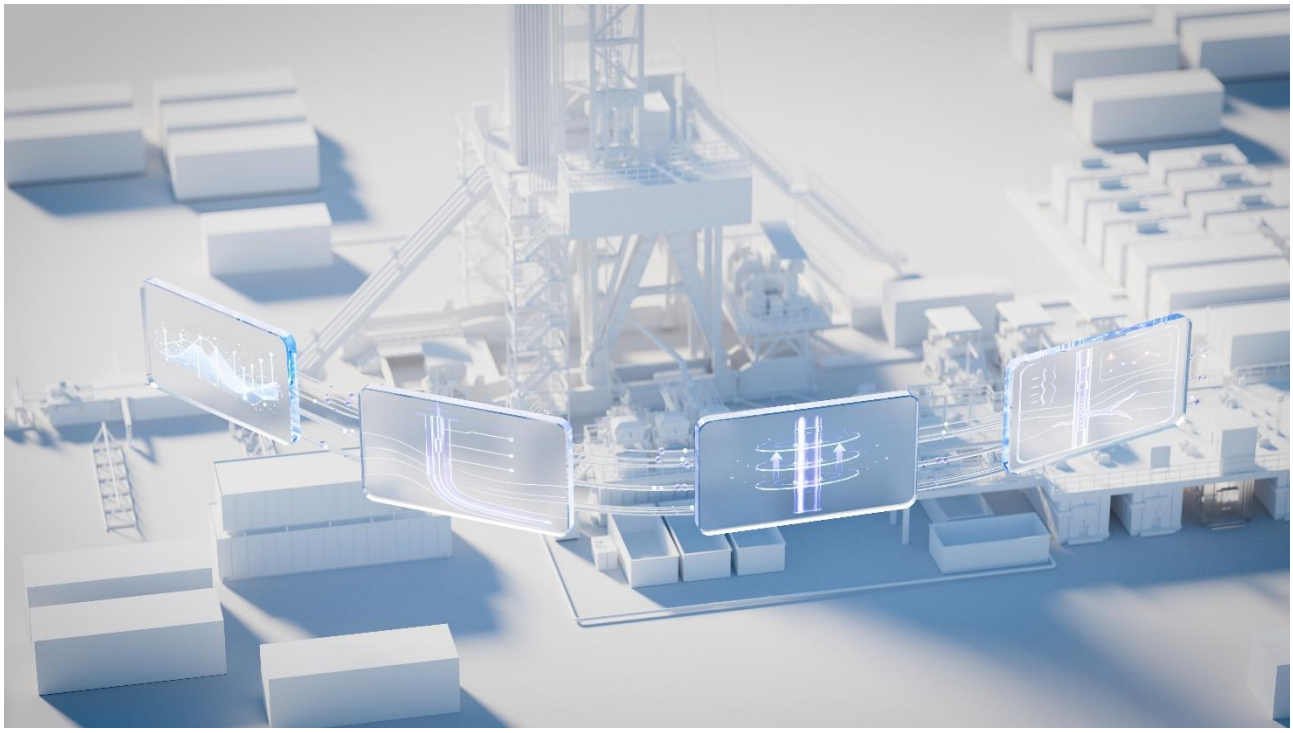
Intelligent Drilling Fluids Management Platform

Connect real-time monitoring, engineering agents, and workflow orchestration to enable integrated intelligence for drilling and drilling fluids management.

Drilling fluids are critical to well control, wellbore stability, and cuttings transport. Continuous visibility into fluid properties and their trends provides the foundation for identifying anomalies, evaluating risks, and supporting engineering decisions.

The Intelligent Drilling Fluids Management Platform connects the REALology Intelligent Drilling Fluids Monitoring System with a growing ecosystem of specialized engineering agents through the Agent Hub.

Combine real-time data, engineering analytics, and domain expertise to build workflows around specific drilling operations.



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REAL-TIME DRILLING FLUIDS MONITORING

Designed in accordance with API standards, the REALology Intelligent Drilling Fluids Monitoring System (REALologyDR) continuously monitors key drilling fluid parameters, including density, temperature, rheology, pH, funnel viscosity, emulsion breaking voltage, and resistivity.

Select monitoring modules according to operational requirements and field conditions, with hardware configurations aligned to specific monitoring objectives.

With 30,000+ operating hours across 150+ wells, REALology has demonstrated its performance in field applications, providing a proven monitoring foundation for drilling fluid assessment and operational decision-making.



Fig. 1. REALologyDR with deployments across 130+ wells and 20,000+ operating hours

A GROWING ECOSYSTEM OF ENGINEERING AGENTS

Agent Hub consolidates specialized drilling fluids engineering capabilities within a unified environment. Its built-in applications can be selected, combined and extended to satisfy unique operational requirements.

The platform also empowers third-party developers and domain experts to translate their drilling fluids expertise, engineering methodologies and innovative ideas into publishable, ready-to-use applications. New contributions from experts continuously enrich the repository, fostering an engineering capability ecosystem that evolves alongside changing project demands.

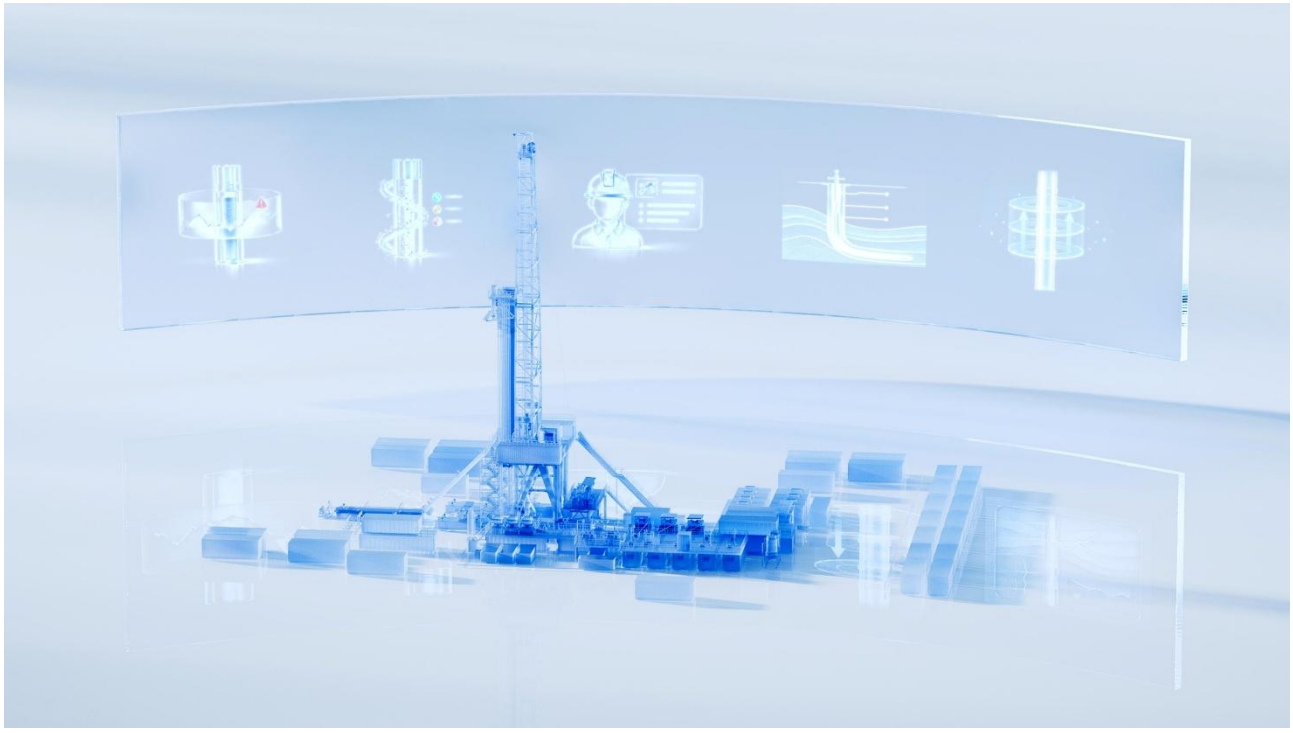


Fig. 2. Diverse Agents on the Intelligent Drilling Fluids Management Platform

CONFIGURABLE ENGINEERING WORKFLOWS

Combine data, engineering agents, domain expertise, and connected systems to create workflows tailored to specific operational needs.

From analysis and interpretation to review and action, workflows can be configured and adapted as engineering requirements evolve.

Explore applications across drilling operations, including: MPD, UBD, Solids Control, Wellbore Stability, Drilling Optimization.

The platform provides a flexible foundation for connecting engineering capabilities and building workflows around the way each operation is managed.

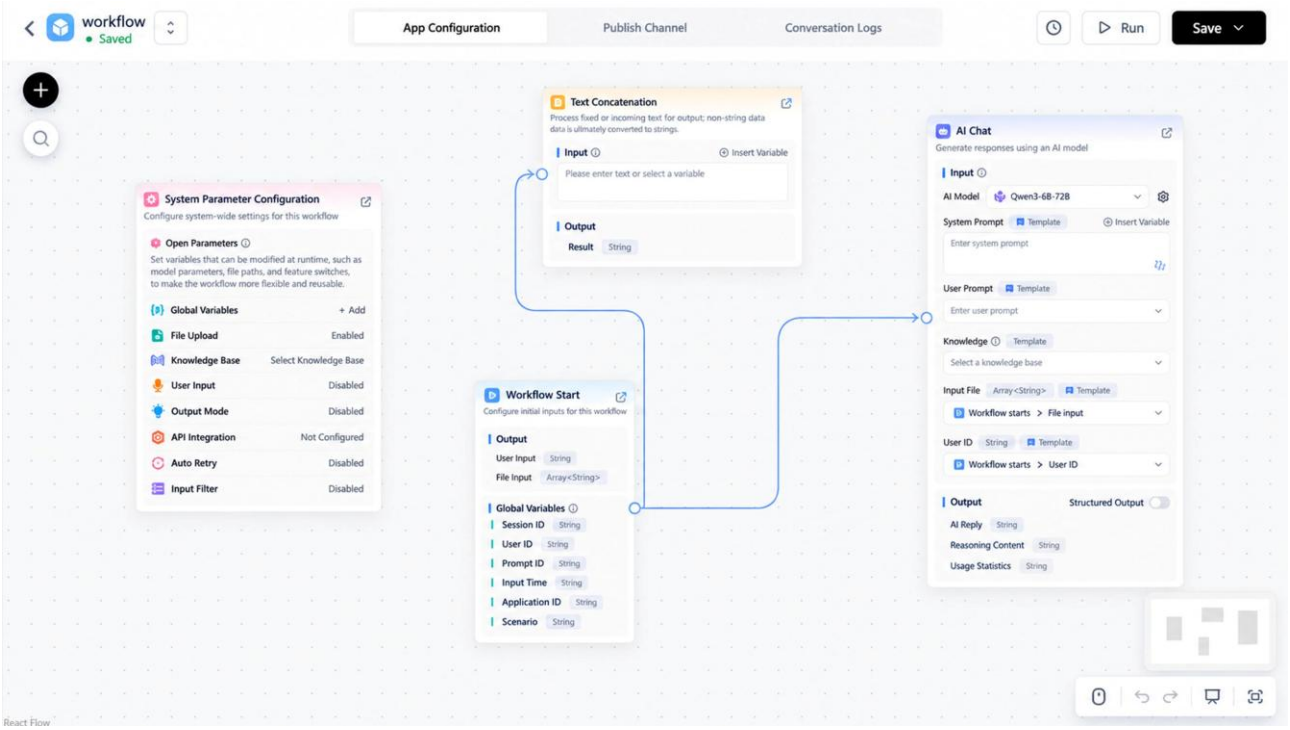


Fig. 3. Workflow Illustration on the Intelligent Drilling Fluids Management Platform

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