PLATFORM OVERVIEW

One governed model, from reservoir to tanker

Fields, offshore and FPSO, pipelines, terminals and refining intake run on one model, through measurement, allocation and commercial settlement. The volume recorded at the wellhead and the volume a partner is billed for are the same number, with the working shown.

RESERVOIR — FIELD — OFFSHORE — PIPELINE — TERMINAL — REFINERY — TANKER

Five operating consoles and a corporate rollup. Licence one, or run the whole chain.

UPSTREAM

Field operations

Wells, well tests, batteries, field tanks, BS&W lab.

OFFSHORE

Offshore & FPSO

Production, cargo tanks, offloading, metocean gates.

MIDSTREAM

Pipeline management

Throughput, batch tracking, storage, quality.

MIDSTREAM

Marine terminals

Nominations, berth scheduling, lifting, demurrage.

DOWNSTREAM

Processing & refining

Unit yields, blending, product tanks, quality lab.

ACROSS THE CHAIN

Corporate rollup

Enterprise dashboard, consolidated balance, ERP events.

Shared by every module

One model

One asset hierarchy, one unit-of-measure regime and one balance, shared by every module.

Data arrives on its own

Reads from the systems already measuring your operation and publishes results to the systems that need them.

Conventional and unconventional

Shale pads, multi-lease laterals and hyperbolic decline are handled inside the allocation engine.

Evidence you can defend

Every figure traces down through the ledgers and the allocation run to the reading that produced it.

AI that drafts only

Grounded in your own operating history. Nothing is committed without an operator confirming it.

Your hosting choice

Hosted, single-customer on your network, or a dedicated cloned instance. Functionality is the same.

Cross-cutting studios

Artificial lift

Surveillance, triage and optimization for ESP, gas lift, rod pump and PCP wells.

Simulation and calibration

First-principles nodal, gathering and facility models, re-tuned on field evidence.

Workflow orchestration

Governed pipelines with retries, approval gates and a full audit trail.

Start with one facility and your own records. hydrocarbonflow.com