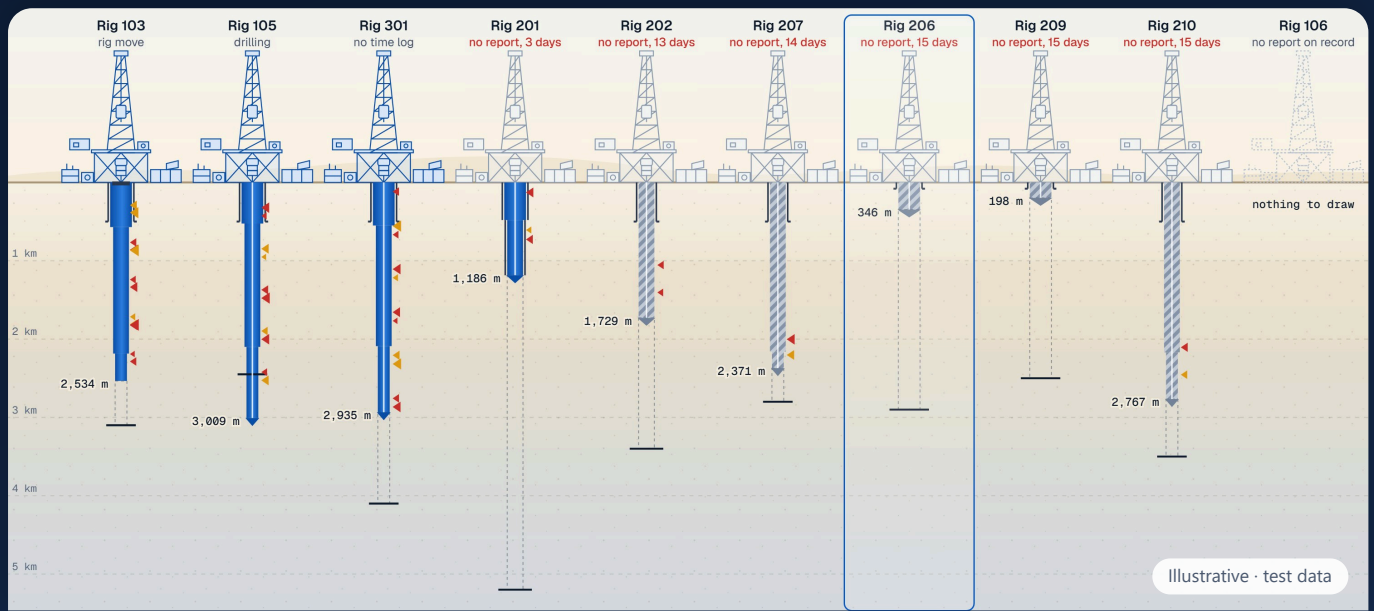
RigOps AI by People Nexus Technologies

One workspace for the drilling day, the equipment and the crew

Built for drilling contractors. It replaces the daily report spreadsheet, the inspection register, the certificate tracker and the approval emails with one system the rig, the office and the approvers share.

Daily drilling reports | Inspections | Training matrix | Workflows | AI assistant



WHAT IS IN IT

Daily drilling reports

Each report starts from the right prior day with derived values calculated. Approvals go to eligible approvers, with a reason on every return.

Equipment and inspections

Inspection evidence with calculated due dates and a review queue. P&ID drawings show inspection status.

Training and competency

A matrix per person and rig, 90-day expiry warnings, and a path from gap to certificate.

Process Studio and actions

Build your own forms and approval routes. Corrective actions close only after verification.

Where it fits. Well-data tools such as WellView and OpenWells focus on well engineering for operators. ERP and maintenance systems focus on assets and work orders. RigOps AI covers the daily work of the rig team and sits alongside them through its API.

WHAT CHANGES DAY TO DAY

From retyping and chasing to tracked work

Daily report retyped every morning	→	**Starts from the prior day; key values calculated**
Approval by email, unclear who is next	→	**A queue, the right approver, a reason on return**
Diesel, people on board, BOP tests, rentals on separate sheets	→	**Rig reports linked into the daily report**
Inspection due dates tracked by hand	→	**Due dates calculated; overdue items surface**
"Who holds a current certificate?" means a search	→	**Live matrix per rig; expiring and missing flagged**
Findings noted, rarely closed	→	**Owner, deadline, verified close**

Fleet dashboard — numbers open the records behind them

24 / 27	9	17	91%
Rigs reporting	Awaiting approval	Inspections overdue	Training compliance

Illustrative mock-up · sample values

Training matrix · Rig 104 — 86% compliant

	Well control	H2S	First aid	Rigging
Driller	Valid	Expiring	Valid	Valid
Asst. driller	Valid	Valid	Expired/missing	Optional
Derrickman	Expiring	Valid	Valid	Valid
Floorman	Valid	Valid	Expired/missing	Valid
Mechanic	Optional	Valid	Valid	Expiring

Valid · Expiring · Expired/missing · Optional

Illustrative mock-up · sample values

Inspection register — 12 need attention

Equipment	Rig	Status
Annular BOP	101	In date
Mud pump	102	Due
Drawworks	104	Overdue
Top drive	103	In date

Illustrative mock-up · sample values

Ask AI — read-only · your rigs only

> Which rigs are missing a report this week?

Two of the 5 rigs you can access: Rig 102 (Thursday) and Rig 103 (Saturday, Sunday).

Optional. Off unless enabled. Model of your choice.

5,800 h

per year returned in a worked example for a 10-rig fleet, roughly three full-time roles.

Illustrative assumptions, not measured results. We replace them with your own figures in the pilot.

THE PILOT

A 30-day design-partner pilot on one rig

You choose what success looks like. We measure it with you and shape the next release around what you learn.

1

DAY 0

Kickoff

Pick the starting point and agree three success measures.

2

DAYS 1-5

Set-up

Your sample data is loaded into a dedicated workspace. Users created for your team.

3

DAYS 6-20

Use on one rig

Your team works in it. A 30-minute review each week.

4

DAYS 21-30

Readout

Results against the agreed measures, then a proposal if you want to extend.

Pick one starting point

Daily reports
Same-day approved reports and dashboards, no Excel or email chains.

Crew compliance
A live certificate gap report for one rig, with expiring items flagged ahead.

Equipment
All inspections and due dates for one rig in one place.

What we need from you

A sponsor
One person who owns the pilot, and one rig or site.

Sample data
Current reports, crew and certificate list, or equipment list. Excel is fine.

Two users
For the weekly 30-minute review.

Example success measures (you choose the real ones)

Starting point	A measure you might agree
Daily reports	Share of reports approved the same day; time from rig to approved; reports started from the prior day instead of retyped
Crew compliance	A complete certificate gap report for one rig in week one; expiring certificates flagged 90 days ahead
Equipment	All inspections and due dates for one rig in one register; overdue items visible without chasing

Terms

Pilot terms and licensing are agreed with you directly and set out in a short proposal once the scope is clear. Hosting, data residency and sign-in options are agreed per customer, including installation inside your own network.

FOR YOUR IT AND HSE TEAMS

What is live, and what is in development

Daily drilling reports, rig reports, approvals	Live	Equipment inspections and P&ID Builder	Live
Process Studio, Action Tracker, controlled documents	Live	Training and competency	Live
Dashboards and Android app for rig devices	Live	AI assistant: read-only, scoped, optional	Live
Role-based access, audit events, data scoped by company and rig	Live	Install inside your own network	Available
Multi-factor sign-in and single sign-on	In development	Offline forms for selected tasks	Roadmap

Security controls are described as implemented; this is not a certification. Maintenance work orders, spares and inventory are outside the scope of RigOps AI. Integrations and report formats are agreed per customer.

How it is deployed

Browser
Any modern browser for office and rig users. No installation.

Android app
Installed directly on rig devices. P&ID is view-only on a phone.

Your own network
On-premise installs run inside your company network.

Why a pilot

RigOps AI was built from real drilling operations requirements. It is a young product, and we would rather prove it on one of your rigs than ask you to take our word for it. Weekly reviews and your feedback shape what we build next.

Talk to us

Ask for the 2-minute sample-rig walkthrough or a pilot on one rig.

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