



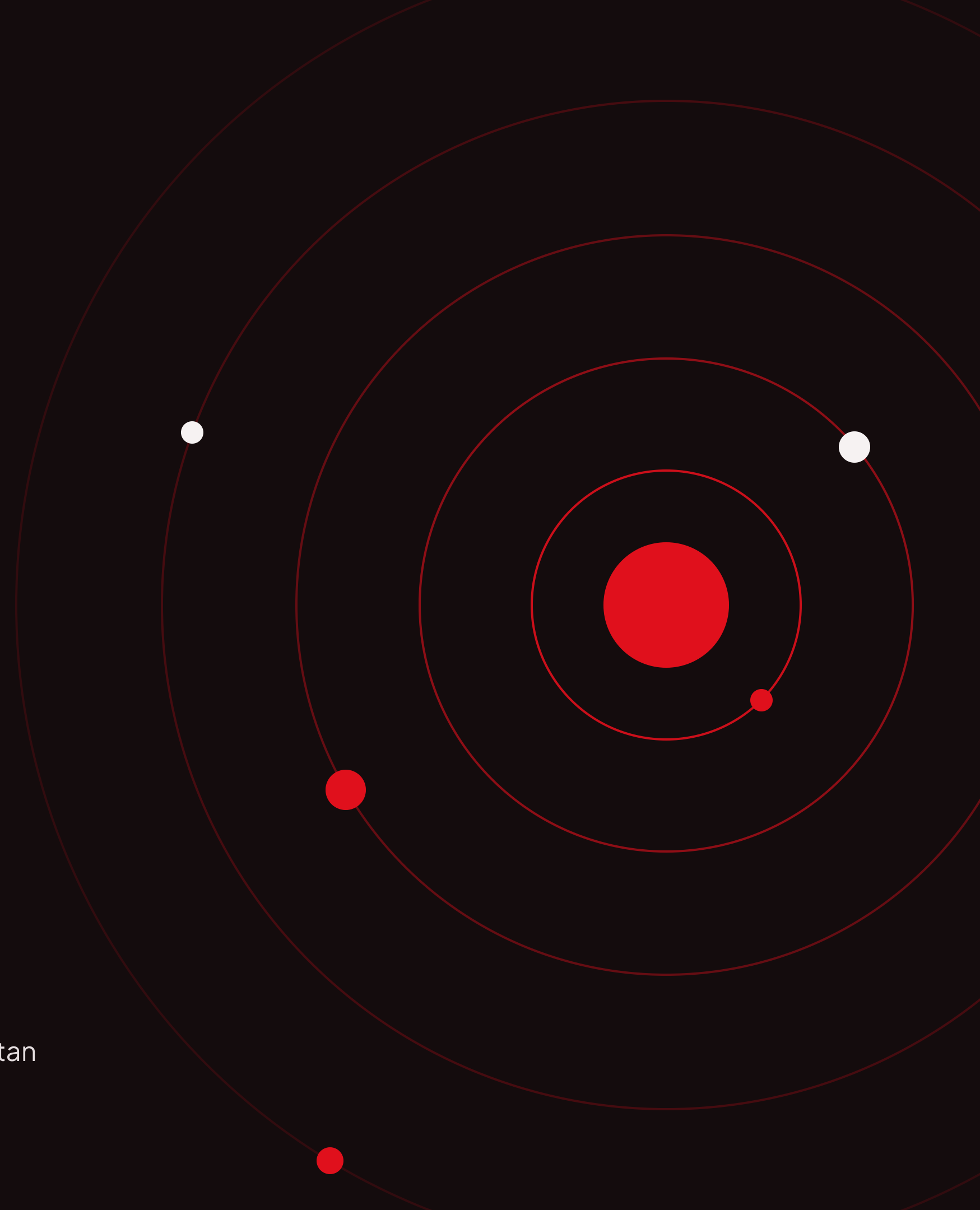
REALLYTICS.AI
REAL TIME ANALYTICS

USE CASE STUDIES · PETROLEUM · OCTOBER 2026

Proven AI. For petroleum.

Order intake, a sales assistant and contract automation. Each one already built for a real customer.

reallytics.ai · United Kingdom · Saudi Arabia · United States of America · UAE · Pakistan



Three workflows. One goal: less manual work.



Order intake

Purchase orders in any format become validated, ERP-ready orders. 60 minutes down to 6.



Sales knowledge assistant

Answers technical product and service questions at 99% accuracy, with people in the loop.



Contract automation

Handwritten contracts become a live system that tracks terms, orders, expiry and rules.

Each one was built for a real customer. Here is how it would work in petroleum.

02 · CASE STUDY 1 · ORDER INTAKE

We cut order entry from 60 minutes to 6.

Each order took about an hour of manual work. AI agents now handle about 90% of it. An operator reviews and approves every order.

REFERENCE CASE · LARGE ENTERPRISE · NAME WITHHELD

60 to 6

minutes per order,
reported

~90%

handled by AI agents,
reported

13 of 13

real sample orders read
correctly, measured

9

intake formats, one
reading layer, measured

Every order is keyed in by hand.

WHAT WE SAW IN THE REFERENCE CASE

Slow

About 60 minutes of skilled effort per order, before queueing.

Lost margin

Orders arrive with a net total. The price breakdown sits in an old quote.

Costly errors

A wrong billing entity or fee code returns later as an invoice dispute.

Hard to scale

More volume means more people, and rules live in operators' heads.

WHAT IT LOOKS LIKE IN PETROLEUM

Every format at once

Fleets, stations and industrial customers order by email, Excel, PDF or portal.

Contract-based pricing

Price depends on contract, product grade, volume and delivery location.

Tax, fee and credit rules

Surcharges, exempt customers, credit limits and payment terms.

Time-critical delivery

Scheduled, multi-site and around the clock. Delay in entry is delay in delivery.

AI for judgement. Rules for money.



AI for judgement

Models read any document, rank the right customer account and explain their reasoning.



Rules for money

Pricing, tax and fee logic is deterministic and testable. A model never decides a price.



Humans approve everything

Every step offers Approve, Correct or Regenerate. There is no unattended mode.

Built in: each order posts once, and only a real ERP order number counts as success.

Four agents, eight steps, one approval.



FOUR AGENTS PREPARE THE ORDER · A PERSON APPROVES IT

A 7–page scan, handled end to end.

\$86,149.80

order value

229

units

7

delivery batches over 13 months

5

components per unit

IN THE ORDER	WHAT THE AGENTS DID
Image–only scan, no text	OCR with confidence–based retry, every line read
European numbers such as 418,00	Read by convention: 418.00, not 41,800
Net price only, no breakdown	Matched to the quote, component sum rebuilt
229 units, 7 delivery dates	Split into 7 lines, one per delivery date
Mandatory items not on the order	Gap detected, items added by rule

MEASURED · 13 OF 13 SAMPLE ORDERS CORRECT · 154 FIELDS CHECKED AGAINST THE SOURCE

From the reference case to a fuel supplier.

PROVEN IN THE REFERENCE CASE

IN A PETROLEUM PROVIDER

Multi-format intake

Fleet, station and industrial orders in any format

Three-way match: order, quote, CRM

Order, contract price and customer account

Surcharge and exemption rules

Tax and fee lookup, exempt customers first

Catalogue check on every part

Product grades and lubricants validated

229 units split into 7 delivery lines

Scheduled deliveries split by site and date

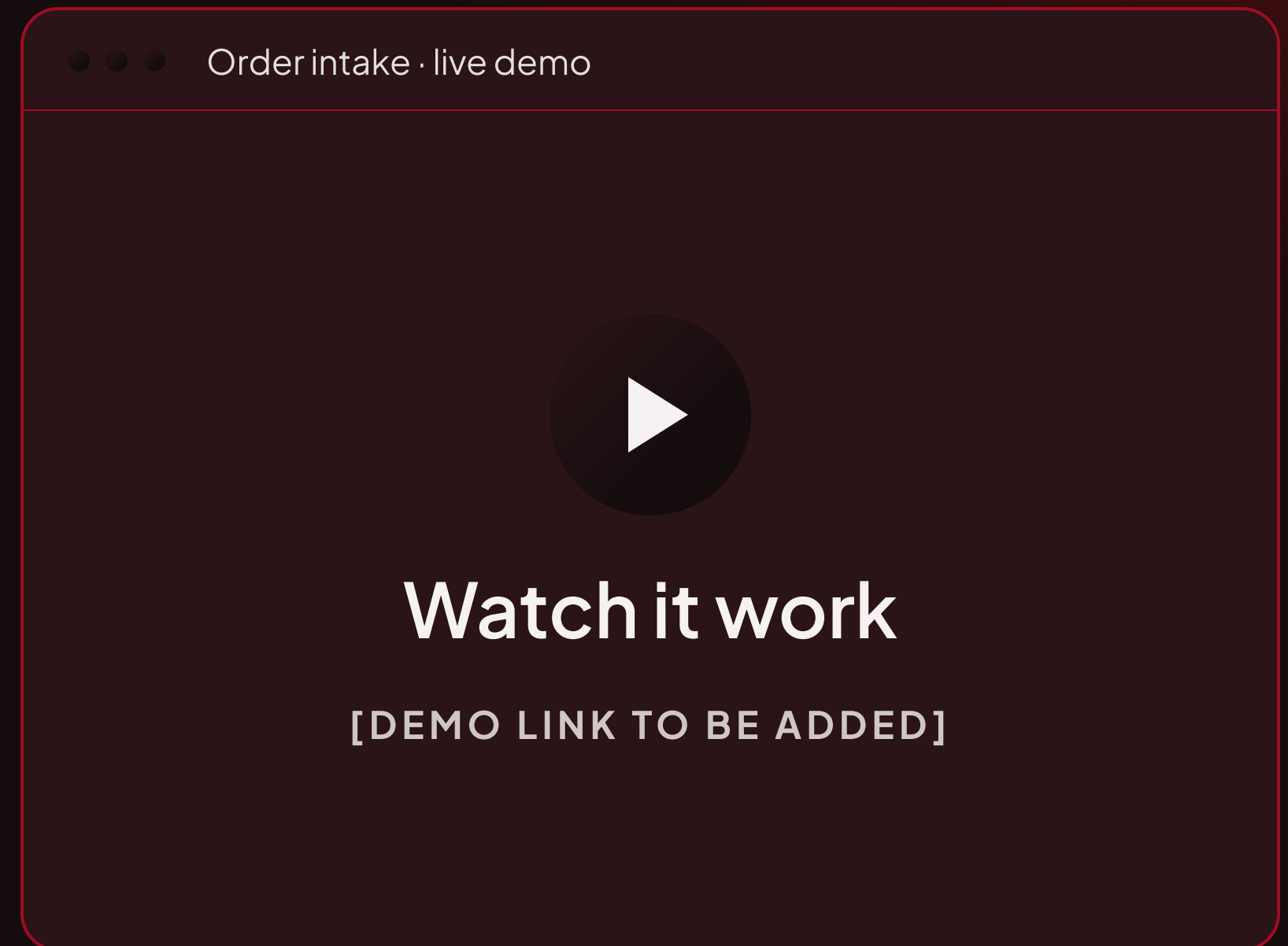
Approval gates and exception routing

Credit limits, depot constraints and holds

WORKING HYPOTHESES · CONFIRMED IN DISCOVERY

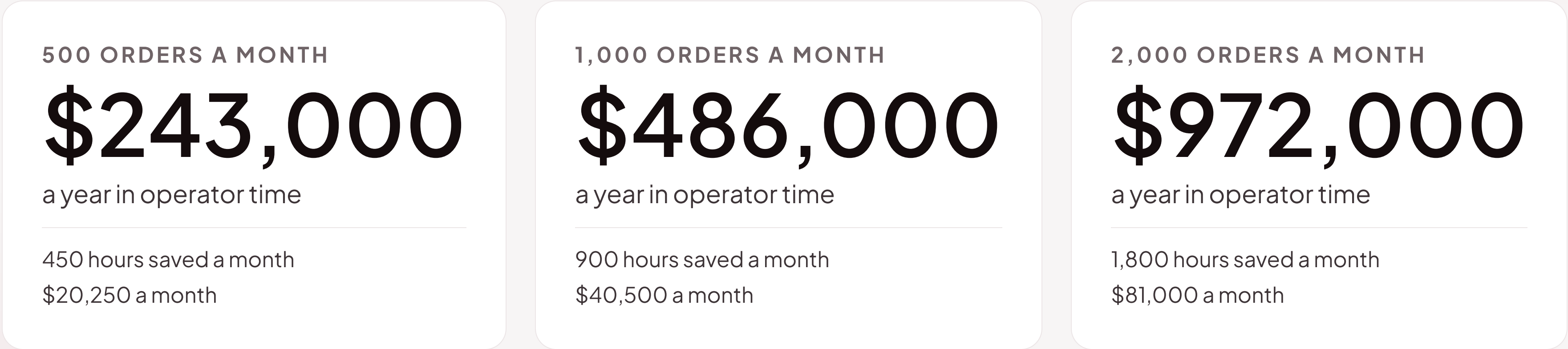
See an order go from inbox to ERP.

- 01 An order arrives**
A real purchase order lands in the inbox, in whatever format it came.
- 02 The agents read and match**
Customer, contract price and items are found and checked.
- 03 Doubts are highlighted**
The operator sees one validated order with uncertain fields flagged.
- 04 One click to approve**
Approve, correct or regenerate. Then it posts, once.



Hours saved, worked out on your volume.

Illustrative. The 60 to 6 minutes is reported. Volume and cost are planning assumptions: 54 minutes saved per order at \$45 an hour.



LABOUR ONLY · THE LARGER VALUE IS LIKELY FASTER DELIVERY AND FEWER DISPUTES

10 · CASE STUDY 2 · SALES KNOWLEDGE ASSISTANT

We built an AI assistant for the sales team.

Hundreds of products, 30+ services, and terabytes of manuals and technical files. One assistant now answers from all of it.

REFERENCE CASE · NAME WITHHELD

99%

answer accuracy

Hundreds

of products covered

30+

services covered

Terabytes

of manuals and technical files

From a customer question to a precise answer.



99% ACCURACY · HUMAN-IN-THE-LOOP FEEDBACK KEEPS IMPROVING IT

Right answer, right moment, fewer hand-offs.



Accurate answers

99% accuracy across technical and support questions, from product manuals to service documents.



No more chasing

Reps stopped emailing different departments and digging through documents for each answer.



Leads scored sooner

Answering the right question at the right time let the team qualify and score leads.

Better responses for customers. Less wasted time for the team.

Petroleum has the same shape of problem.

Product ranges, data sheets, safety documents and service terms sit in many places and many teams.



Product and grade

Which lubricant meets this equipment specification?



Safety and handling

What are the storage and handling rules for this product?



Service and terms

Which delivery options and terms apply to this customer?

EXAMPLE QUESTIONS · WORKING HYPOTHESES, CONFIRMED IN DISCOVERY

We turned handwritten contracts into live data.

Every handwritten contract was read and stored. An AI system now remembers what was agreed with each customer, and acts on it.

REFERENCE CASE · CUSTOMER NAME WITHHELD



Ingested

Every handwritten contract read and stored



Tracked

What was decided with each customer



Linked

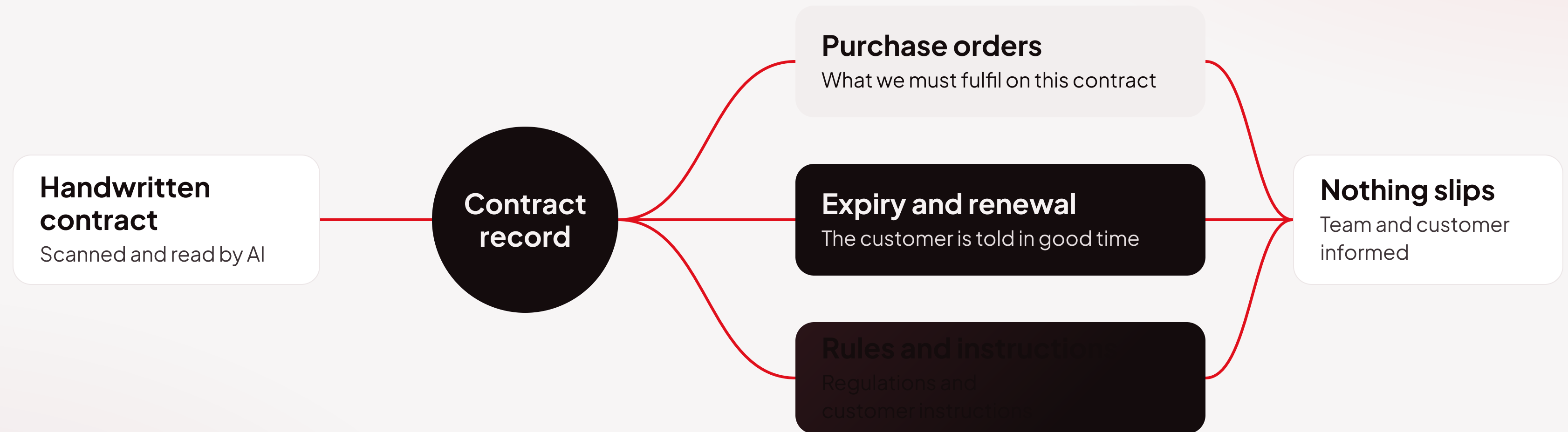
Purchase orders to fulfil, contract by contract



Alerted

Expiry flagged, and the customer told in time

From signed paper to tracked obligations.



READ ONCE · TRACKED FOR THE LIFE OF THE CONTRACT

In petroleum, the contract sets the price.



Terms and prices

Supply terms, price rules and volume commitments, captured from the signed contract.



Orders and deliveries

Every purchase order is checked against its contract, and open deliveries are tracked.



Expiry and rules

Renewal dates, regulations and customer instructions are tracked and flagged.

This is what lets order intake price every order against the right contract.

WORKING HYPOTHESES · CONFIRMED IN DISCOVERY

One contract. One order. One answer.



Contracts

CASE STUDY 3

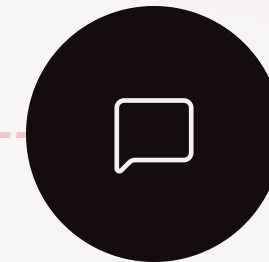
Terms, prices and expiry are read from the signed contract



Orders

CASE STUDY 1

Each order is priced against its contract



Answers

CASE STUDY 2

Sales answers questions on products, terms and orders

PROPOSED · EACH USE CASE ALSO STANDS ON ITS OWN

Discovery first. Then proof. Then production.

01

Discovery

Map your orders, contracts and documents. Set the baseline.

02

Proof of concept

A free working proof on your own sample data, built to look like your systems.

03

Production

On approval, move to a billable production project.

04

Extend

Roll out to more sites, then add the next workflow.

Order intake proof of concept: 10 to 15 real, anonymised orders. Success measures agreed up front: field accuracy, time per order, and orders needing no correction.



REALLYTICS.AI
REAL TIME ANALYTICS

NEXT STEP

Let's pick the first workflow to automate.

Start with a short discovery. We'll show a working first version on your own sample data.

reallytics.ai · aireallytics@gmail.com · [UK +44 7415 072044](https://www.reallytics.ai/uk) · [PK +92 305 4129775](https://www.reallytics.ai/pk)

