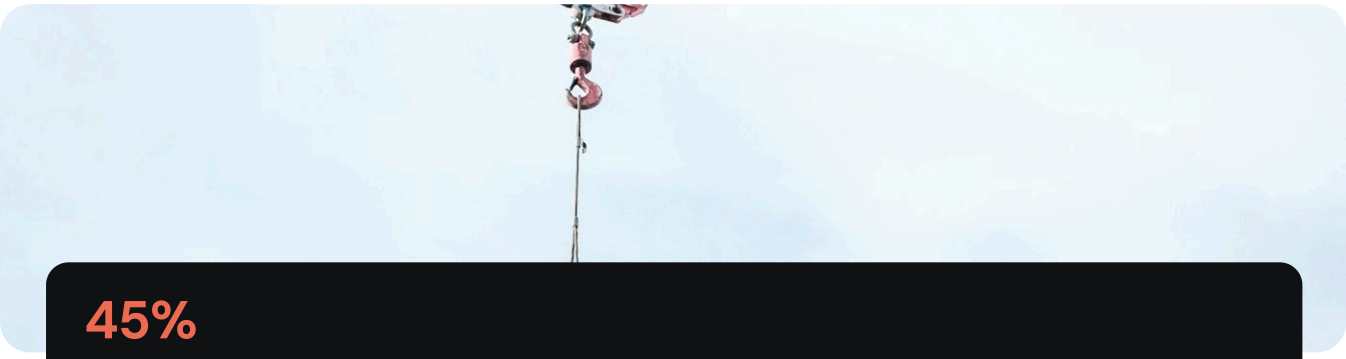
Oil & Gas · UAE

An oil and gas operator improved lifting equipment compliance by 45% across field sites

A UAE oil and gas operator registered its cranes, slings, shackles and other lifting gear, inspects each item on schedule, and quarantines anything that fails until it is repaired or retired.



45%
improvement in asset compliance

AT A GLANCE

INDUSTRY
Oil & Gas

REGION
UAE

SIZE
Large energy enterprise

LOCATIONS
Many field sites and processing units

FEATURES USED
Assets · Maintenance

01 The client

The client is a large energy company with high-value assets across many field sites, operational facilities and processing units.

Heavy lifts are part of daily work: mobile cranes, chain blocks, slings, shackles and spreader beams move between rigs, yards and plants. Each item must be inspected and certified, and using one that is out of date is a safety and regulatory breach.

02 The challenge

Lifting gear records were split across site registers and contractor paperwork. Items moved between locations and their certificates did not travel with them.

- No one could say where every item of lifting gear was at a given moment.
- Inspection records had gaps, and expired items could stay in use.
- Condition reports were not linked to the item they described.
- Preparing for an audit meant collecting paper from every site.

03 What they set up in Asset Infinity

The operator put every item of lifting equipment in Asset Infinity's register, with inspection plans, certificates and condition on its record, visible by site.

Assets

Each item tagged and registered

Every crane, sling and shackle has a record with its rated load, site, certificates and documents, and a label that field crews scan.

Maintenance

Scheduled thorough examinations

Inspection plans by date raise each examination when due. The checklist records findings, photos and the inspector's signature.

Assets

Quarantine on failure

An item that fails is marked damaged and taken out of use, and corrective work is raised to repair or retire it.

Assets

Verification rounds at each site

Site crews scan the gear in their stores to confirm it is there, marking items verified, moved, not found or damaged.

04 How it works day to day

Lifting gear now passes through these checks.

LIFTING EQUIPMENT COORDINATOR

Registers new gear

A new sling or shackle gets a record with its rated load, certificate and home site, and a label is attached before first use.

SYSTEM

Calls up the examination

The inspection plan raises a work order when an item's examination falls due, for the site where it is held.

COMPETENT INSPECTOR

Examines the item

The inspector scans the label, works through the checklist, adds photos and signs. The new certificate is attached to the record.

COMPETENT INSPECTOR

Fails what is unsafe

An item that fails is marked damaged, and corrective work is raised. It stays out of use until that work is closed.

RIGGING SUPERVISOR

Checks before a lift

Before a lift, the supervisor scans each item and sees its status and last examination on the mobile app.

SITE STOREKEEPER

Records a move

When gear goes to another rig or yard, the move is recorded, so the register shows its current site.

HSE MANAGER

Runs the site audit

A verification round confirms what is on site, and the compliance dashboard lists items due, overdue or quarantined.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Records	Split across site registers and contractors	One register for all lifting gear
Examinations	Gaps in the record	Planned, with signed checklists
Failed items	Could stay in circulation	Marked damaged and taken out of use
Location	Unknown once gear moved	Moves recorded against the item
Before a lift	Paper certificate, if found	Status checked by scanning the label
Audits	Paper gathered from every site	Verification rounds and a compliance dashboard

06 How it rolled out

1

Gaps identified. Tracking and compliance practices were reviewed to find the gaps in visibility, inspections and record keeping.

2

Records consolidated. Asset, inspection and audit records were brought into one register, with categories and compliance rules set by site.

3

Ongoing support. Continuing guidance and monitoring followed, to strengthen tracking and compliance over time.

07 The results

- Inspection, audit and asset records in one structured register
- Location and condition of lifting gear visible across sites
- Failed items taken out of use on record
- Fewer delays caused by missing equipment information
- Stronger readiness for safety and regulatory audits

08 Why it worked

Compliance at the point of use

Riggers see an item's status by scanning it, so an expired sling is caught before it is used.

Failure has a clear path

A failed examination takes the item out of use and raises the work to deal with it.

Records travel with the gear

Because the record follows the item, not the site, a move between rigs no longer breaks the paper trail.

09 Looking ahead

With each item of lifting gear registered, inspected on schedule and verified on site, the operator knows what is fit to use and can show the record to any auditor.

The same approach extends naturally to other certified equipment, such as pressure relief valves and gas detectors, using the register and inspection plans already in place.

See it on your own assets

A 30-minute demo, set up for an oil and gas or energy operator.

The client's name is withheld for confidentiality. Results are as reported by the client.

Book a demo

Start a 14-day free trial