

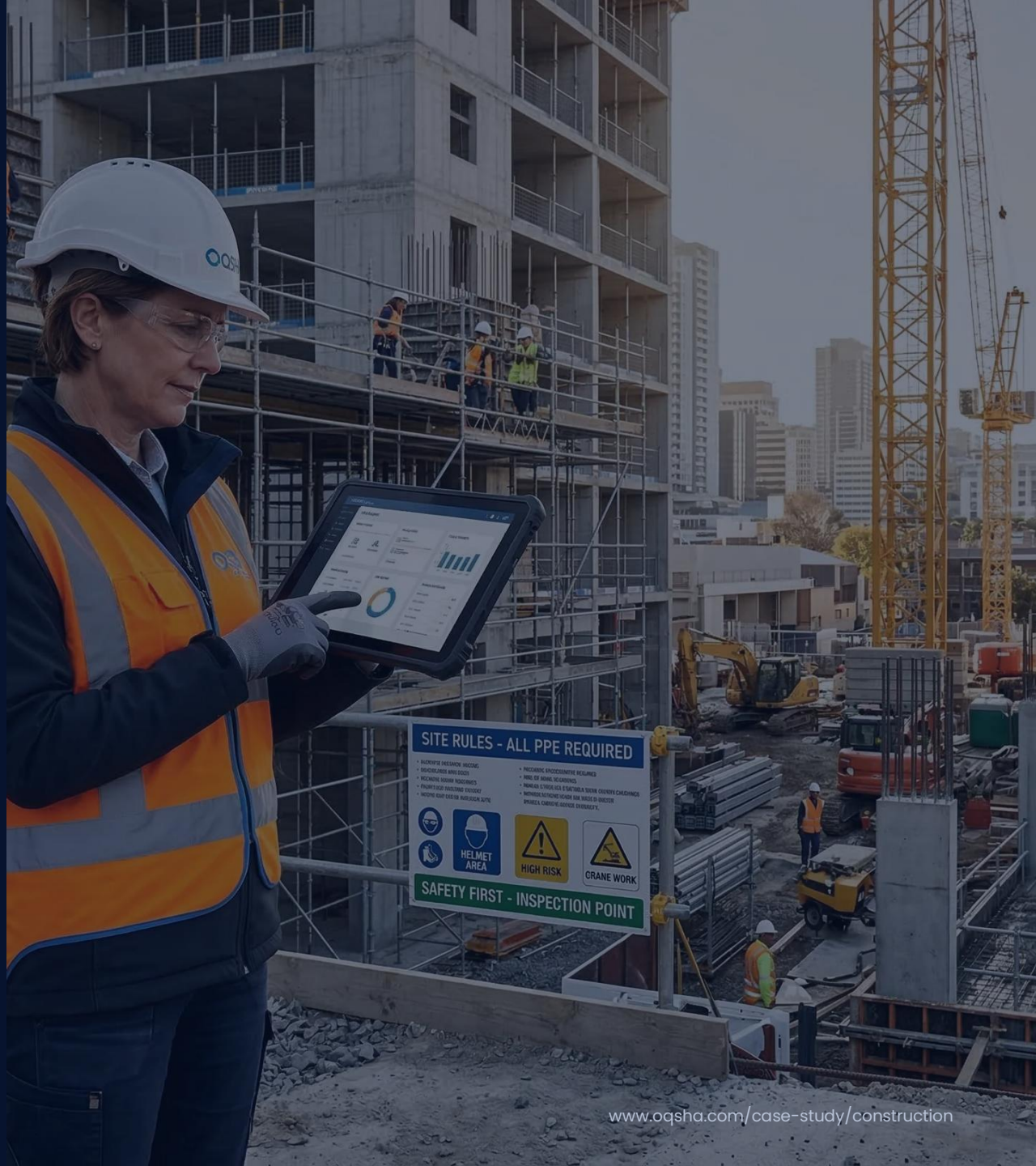
Unsafe condition reporting became real-time across multi-project sites

A large construction organization replaced supervisor-dependent reporting and manual CAPA tracking with mobile-first capture, contractor qualification workflows, and escalation-backed action closure.

Multi-project

High subcontractor intensity

6 min read



From fragmented site reporting to cross-project visibility

The case study focuses on mobile-first unsafe condition capture, contractor governance, CAPA ownership, and leadership dashboards.

Client Snapshot

- ✓ Modules: Safety Reporting, Contractor Safety, CAPA / Action Tracker, Dashboards
- ✓ Use case: Cross-project risk visibility + contractor governance
- ✓ Outcome: Higher reporting volume, faster reporting, fewer overdue actions

The Problem

- ✓ Unsafe condition reporting relied on supervisors
- ✓ Contractor qualification was document-heavy
- ✓ Leadership lacked cross-project risk visibility

What Changed

- ✓ Mobile-first reporting for workers and supervisors
- ✓ Digitised contractor pre-qualification and tracking
- ✓ Executive dashboards for project-wise performance

What Improved

- ✓ 63% increase in unsafe condition reporting
- ✓ 48% reduction in incident reporting delay
- ✓ 37% improvement in contractor safety compliance scores

Four site-control gaps were slowing prevention

Multiple active projects, subcontractor intensity, and manual closure tracking made it hard to see where risks were repeating.



Visibility gaps

Leadership could not see risk patterns across projects in real time.



Underreporting

Unsafe conditions depended on supervisor reporting, so issues stayed invisible.



Contractor friction

Qualification checks were slow and inconsistent across sites.



Closure discipline

Actions slipped because tracking lived in manual registers and spreadsheets.

Context & Constraints

SITES

Multiple active projects

CONTRACTOR INTENSITY

High

SOP ALIGNMENT

Strict requirement

OFFLINE MODE

Enabled for basements

A standardized field-safety and CAPA engine

Configured across active project sites to make reporting easier, contractor checks more consistent, and action closure more visible.



Field Safety Reporting

Configured for real-time capture by workers and supervisors across sites.

Key Workflow Controls

- ✓ Guided unsafe condition templates: category, zone, severity
- ✓ Photo and voice evidence captured at source
- ✓ Auto-routing to responsible owner: area, contractor, or trade

Audit Proof Captured

- ✓ Time-stamped record history
- ✓ Evidence attached inside the record



Contractors + CAPA Engine

Configured for predictable closure and contractor governance across projects.

Key Workflow Controls

- ✓ Contractor pre-qualification scoring + document checks
- ✓ Performance tracking by contractor and project
- ✓ Action tracker with due dates and reminders

Audit Proof Captured

- ✓ Clear ownership, due dates, and escalation trail
- ✓ Export-ready action packs in PDF/Excel

From site observation to verified closure

The workflow moved unsafe condition capture, review, evidence, closure, and dashboard visibility into a single traceable loop.



Operating principle

The record becomes the evidence: location, owner, proof, closure comments, reopen history, and project-wise trend visibility stay connected.

Mobile capture and project dashboards

Representative views show the two control layers: evidence capture from the field and leadership visibility across projects.



Unsafe condition capture view

Evidence + routing for faster ownership.



Cross-project dashboard view

Overdues, repeats, hotspots, and contractor scorecards.

AI-generated sample screens; actual screens can be seen in a live demo.

What improved after rollout

The improvements came from lowering reporting friction, enforcing ownership, and making closure performance visible.

63%

More reporting

Increase in unsafe condition reporting

What enabled it

Low-friction mobile capture + guided templates

Role-Based Access Control

48%

Faster reporting

Reduction in incident reporting delay

What enabled it

On-site submission + instant routing

Immutable Audit Trail

44%

Fewer overdues

Reduction in overdue corrective actions

What enabled it

Due dates + escalations + owner tracking

PDF/Excel Exports Available

37%

Contractor governance

Improvement in contractor safety compliance scores

What enabled it

Pre-qualification scoring + performance tracking

Offline Field Capture

Four levers changed day-to-day behaviour

The implementation improved safety follow-through because it changed how issues were captured, owned, escalated, and reviewed.

1

Lower reporting friction

Workers and supervisors could raise unsafe conditions from mobile, with evidence attached immediately.

2

Clear ownership

Each action had an owner, due date, record history, and escalation path.

3

Contractor governance

Pre-qualification scoring and project-wise performance gave leaders a more reliable compliance view.

4

Leadership visibility

Dashboards converted scattered site records into comparable trends across projects.

Case-study takeaway

When every unsafe condition has a route, owner, proof, and status, project-level safety performance becomes easier to govern.

Common rollout questions answered

These are the practical questions teams clarify before moving from pilot to rollout.

How long does it take to go live?

Typically 2-6 weeks, depending on sites, workflows, and data migration. Most teams start with a pilot, then scale site-by-site.

What hardware do we need?

No special hardware. Field users can use phones or tablets, and admins can use a browser on a laptop or desktop. Optional QR stickers can be used for assets.

Does it work offline?

Core workflows need internet for real-time approvals, alerts, and audit trail. Offline support can be discussed based on site constraints.

Where is our data stored?

Stored securely in the cloud with encryption in transit and at rest, plus role-based access controls. Deployment options can be shared on request.



READY TO STANDARDISE YOUR SAFETY WORKFLOWS?

See OQSHA on your sites, not just ours.

In a 30-45 minute session, OQSHA can map one current safety workflow and help estimate time saved across reporting, contractor checks, CAPA, and audit closure.

- ✓ Map one workflow live: reporting, CAPA, or contractor checks
- ✓ Review project-wise dashboards and escalation logic
- ✓ Take a security brief back to IT

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