

live PTW for high-risk work

DIGITAL PERMIT TO WORK | SAUDI-RULEBOOK READY

Paperless PTW with the rulebook built into every click

ePTW turns permit-to-work into a live operating system. Every issue, acceptance, gas reading, DSTI, handover, SIMOPS check, stop-work and close-out is enforced by the server - then visible to the field, HSE and leadership at the same moment.

Arabic-first field experience | Native mobile apps | Offline-capable | Multi-tenant cloud

LIVE PERMIT CONTROL LAYER

One system of record for high-risk work

From request to close-out, nothing moves until the right person, control, condition and signature are in place.

- ✓ PTW clauses enforced in code
- ✓ SIMOPS screened at creation and policed again at start
- ✓ 5-minute Sentinel watchdog on every live permit
- ✓ One-tap stop work with emergency cascade and alerts
- ✓ Sealed permit dossiers for audit, claims and close-out proof

27

PERMIT TYPES

11

AUDITED STATES

5 min

WATCHDOG CYCLE

1,800+

AUTOMATED CHECKS

54

ENCRYPTED FIELDS

iOS+Android

OFFLINE-CAPABLE

CUSTOMER VALUE

Turn permit lag into work-front velocity

High-risk work gets expensive when the permit process becomes the bottleneck: idle crews, waiting equipment, missed work windows and late visibility into blockers. ePTW removes the paper chase from the critical path without weakening control - the policy becomes executable, the field acts on the phone, and the live board shows what is safe, blocked, late or stopped.

START FASTER

No paper queue before the work can begin

Issue, accept, brief, test, start and revalidate through mobile or browser. A refusal tells the team exactly which gate is holding the job.

SEE LIVE WORK

One truth for field, HSE and leadership

Every permit status, checkpoint, anomaly, SIMOPS conflict and Sentinel warning updates the same operating picture in real time.

DEFEND EVERY DECISION

Audit-ready by architecture

Every signature, reading, refusal, stop and close-out step is timestamped, attributed and sealed into a verifiable dossier.

COMMERCIAL OUTCOME

Fewer delays, less chasing, stronger control

- Reduce waiting time between permit request and safe start
- Expose blockers early: expired training, stale gas readings, live SIMOPS conflict
- Keep work moving with offline field capture that still syncs through the real gate services
- Close with a sealed dossier instead of a folder of disconnected forms

BEST FIT

Large, high-risk sites where delay is costly

- Major construction and infrastructure programs
- Turnarounds, shutdowns and high-density work fronts
- Hot work, confined space, lifting, excavation and electrical isolation
- Contractor-heavy projects needing one auditable PTW rulebook

Paperless where it should be. Hard-gated where it must be.

ePTW is not a form digitizer. It is a server-enforced permit operating layer: mobile at the work front, real-time in the control room, clause-traceable for compliance, and tamper-evident for every closed record.

LIFECYCLE

Full permit lifecycle, no side doors

11 audited states across 27 permit types - issue, accept, gated start, daily revalidation, close-out and countersign - with every transition timestamped.

PHONE-FIRST

Field actions from phone to live board

Accept, DSTI, gas tests, control ticks, spot checks, isolation clearance and fire-watch close-out run on native iOS/Android, with offline sync that never bypasses a gate.

SIMOPS

3D conflict detection at start and live

Co-location, overlapping windows and work directly above or below other permits are screened against your prohibited / controlled / acceptable matrix.

SENTINEL

A watchdog on every live permit

The Permit Sentinel re-checks deterministic hazard rules every 5 minutes - expiry runway, certification drift, silence, missed cadence, gas/wind trend and SIMOPS posture.

STOP WORK

Emergency stop beats hierarchy

Anyone on site can stop work. Cascades and alerts reach concurrent permits, with critical escalation if a linked permit remains active.

SAUDI STANDARDS

Your rulebook encoded, not interpreted

Procedures are encoded one-for-one, with clause-level traceability, Arabic RTL, PDPL-aligned handling and 7-year sealed dossiers.

LIVE JOURNEY

A complete permit demo in under ten minutes

- **1. Issue** - procedure, validity cap, MSRA, crew and equipment gates
- **2. Accept** - separation of duties, training and appointment re-checked
- **3. Start** - gas / wind / DSTI / SIMOPS gates must open
- **4. Monitor** - checkpoints, spot checks, Sentinel warnings and triage
- **5. Close** - fire-watch hold, isolation clearance, countersign and sealed dossier

DASHBOARDS & RISK

The number the board sees is the number the field sees

- ✓ Live operations board with expiry countdowns, blocked gates and watch levels
- ✓ Anomaly triage inbox for undeclared SIMOPS, missed checkpoints and KRI/KCI breaches
- ✓ 5x5 risk register where mitigations are connected to testable controls
- ✓ Role-aware dashboards: Command, Compliance, Analytics, Assurance and Executive
- ✓ Monthly ePTW report gated by sign-off, generated from the same metrics engine

SEE IT LIVE

From permit request to sealed record - live on phone and board.

Bring one controlled procedure. We will show the form, the clause, the gate and the field action side by side.