



Safety & emergency management **from prevention to recovery** — in one platform

Fawz ERMS is a Saudi platform that brings the occupational health and safety programme and live emergency response into one system with one sealed audit record. Structured on the four-phase emergency management cycle and aligned with ISO 45001 and NFPA 1660, with job hazard analysis following OSHA 3071.

Who we are: Fawz M2M Co. — a Saudi company building safety and emergency management technology, with three patents filed with the Saudi Authority for Intellectual Property.

THE PROBLEM

Two separate systems — and findings get lost in the gap

The safety programme lives in files and spreadsheets; emergencies run on WhatsApp groups and call chains. Each works alone.

TODAY	WITH FAWZ
Drill and review findings are filed in a report and come back next year.	Every finding gets an owner and a due date and returns to the risk register until closed.
Alerts go out by call chains and WhatsApp, with no proof of who was told and when.	One-press activation, acknowledgement with time and location, automatic escalation, secure in-Kingdom chat.
Paper permits, separate from the hazard analysis; clashes found on site.	A permit can require an approved JHA, with a SIMOPS matrix and a LOTO register.
Inspection sheets typed up days later; the auditor finds what's overdue.	Checklists on the phone with photo and location; overdue items show before the audit.
Near misses go unreported because the form is tedious.	Any worker reports in a few taps, or through the switchboard.
Audit week means pulling evidence from six places.	Numbered, QR-verified reports, a sealed record, and the clause named in every report.



THE PLATFORM

Four phases, connected modules

1 · MITIGATION

Risk Register
Job Hazard Analysis
Near Miss
Permit to Work
Management of Change

2 · PREPAREDNESS

Safety Inspections
Asset Readiness & Preventive Maintenance
Drills & Exercises
Action Cards
Training Management

3 · RESPONSE

Activation & Escalation
Encrypted Push-to-Talk
Secure Incident Chat
Thermal Imaging
Incident Command (ICS)
Mass Casualty (MCI)
Crowd Management

4 · RECOVERY

After-Action Reviews
Verifiable PDF Reports
Audit Chain
Follow-up & KPI Dashboards

IN THE FIELD

Built for real field conditions

No network

Every module works offline and syncs later; UHF radio for voice and short messages on ATEX devices.

Thermal imaging

A thermal camera to locate affected people in smoke and low visibility, and to spot hot equipment.

Secure chat

Multimedia chat for every incident on servers inside the Kingdom, replacing WhatsApp.

ATEX devices

Push-to-talk key and an SOS key that raises an alert in one press, for hazardous areas.

Kiosk mode

Lock the device to the platform at guard posts and field stations.

Arabic & English

Screens and reports in Arabic and English.

SECTORS

The same platform, built for each sector

Healthcare

Hospital codes, mass casualty response, and asset readiness with CBAHI and JCI evidence.

Mega-projects & construction

Permits to work, job hazard analysis, near misses, multi-contractor sites.

Hajj & mass gatherings

Last-mile crowd management: from official systems' outputs to field action and a recorded decision.

Chemical, oil & gas

Chemical and gas releases, classified areas and NFPA/GHS hazard classification, hazardous-work permits, LOTO and ATEX devices.



STANDARDS

How modules align with standard clauses

Module	ISO 45001:2018 clauses	Other references
Risk Register	6.1.2 · 6.1.4 · 8.1.2	ISO 31000
Job Hazard Analysis	5.4 · 6.1.2 · 8.1.2	OSHA 3071
Near Miss	6.1 · 10.2	—
Permit to Work & LOTO	8.1 · 8.1.2 · 8.1.4	NFPA 51B
Management of Change	8.1.3	—
Safety Inspections	7.5 · 9.1 · 10.2	—
Asset Readiness & Maintenance	7.5 · 8.1 · 9.1	NFPA 10 · 25 · 72
Drills & Exercises	8.2	NFPA 1660 · CBAHI · JCI
Activation & Incident Report	8.2 · 10.2	NFPA 1660 · ISO 22320
After-Action Reviews	10.2 · 10.3	NFPA 1660
Dashboards & injury KPIs	9.1 · 9.3	—

Reports cite clause numbers and titles only. Certification is awarded to an organisation by an accreditation body, not to software; the platform runs the programme and provides its evidence.

INTEGRATION & DEPLOYMENT

Fits your organisation

Fire panels & BMS

BACnet, Modbus and legacy protocols, down to dry-contact relays.

Single sign-on

With your user directory, in line with your IT policies.

Hosting

On-premise or in-Kingdom cloud. Your data, fully exportable.

Configuration

Checklists, action cards, codes, roles, management of change and KPIs — to your procedures.

HOW WE WORK

From demo to go-live

1
Live demo

2
Agree modules & scope

3
Configuration

4
Team training

5
Go-live drill

Request a 30-minute live demo

azamtahir@fawz.sa · +966 590 476 324 · fawz.sa · References shared under NDA.