XF Solutions
Mission Focused Results

XF App Suite User Guide

V3.42.0

Every app in the XF App Suite, step by step, with desktop and phone screenshots from the demo organisation.

Every name, site and record shown is invented sample data. The same guide is inside the suite under Settings › Help & support › User Guide.

XF Solutions Limited · xfsolutions.tech · info@xfsolutions.tech

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How to use this guide

Each app has a short description, step-by-step instructions for the main tasks, and screenshots. Every screenshot shows the **desktop** layout on the left and the **phone** layout on the right, because the suite works the same on both. All names, sites, companies and figures are invented demo data. You can follow along yourself: open the app, choose **See it in action** on the sign-in page, and every app opens with these sample records.

This guide is also inside the suite: choose ⚙️ **Settings > Help & support >** 📖 **User Guide**, or 📖 **Read more in the user guide** from the **?** help on any page. *Appendix A* summarises every app on one page, and *Appendix B* lists every release.

Things that work the same in every app

- **+ New** (top right) starts a record. Some apps offer a choice of record type or a template from the arrow beside it.
- **Open** on a list line opens the record. The ⋯ button beside it offers quick actions such as copy or delete.
- **Save** stores the record on your device straight away and sends it to the cloud when you have signal. **Sync** forces a send and fetch.
- **PDF** produces a branded report of the record. **Copy** duplicates it. **History** shows every change, who made it and when.
- **More** holds import, export, templates and settings for that app.
- The tiles at the top of each list are filters: tap *Overdue*, for example, to see only overdue records.
- The **?** button (bottom right) opens help for the page you are on.

In the app, the guide shows the apps your organisation uses, with the general chapters. Tick **Show all apps** to see the others, marked *Not on your plan*. **Print** gives a guide for your account; the Word download is the full guide.

1. Getting started

Onboarding and training

Settings > Onboarding and training (or **Start onboarding** on the welcome card) walks you through the suite for your account: a module for getting around, one for each app you use, administration for administrators, and getting help.

1. Open a module. It explains the app in numbered steps with a screenshot.
2. Choose **Try it in the app** to open the app with the steps in a panel at the bottom left; tick them off as you go and choose **Back to onboarding**.
3. Tick **I have worked through this and understand it**, then **Next**. If you do not use an app in your role, choose **I don't use this app**.
4. When every module is done, **Sign off**: tick the three statements, enter your name and sign. It is recorded in **Training and Competence** as *XF App Suite onboarding*, and **Certificate** prints or saves it.

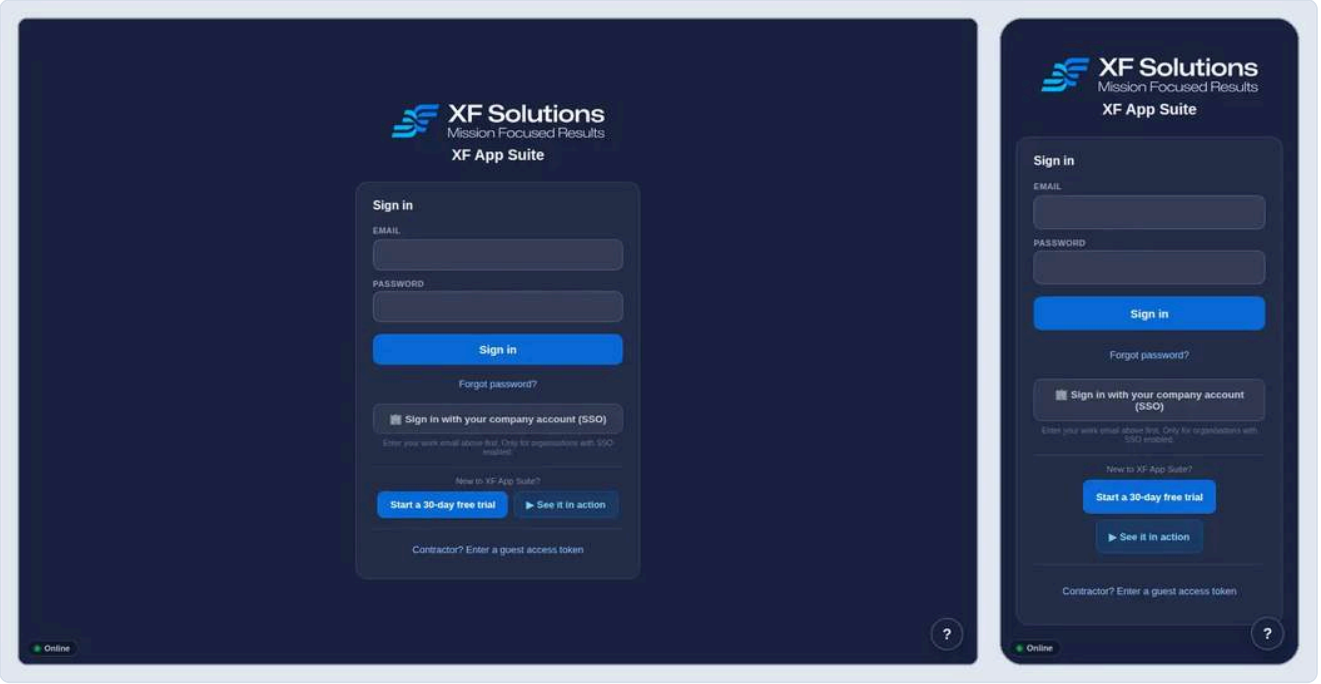
When new apps are added to your account, onboarding lists them and asks you to work through them and sign off again. Administrators and managers see who has completed it under **Team progress**.

Set up your organisation (administrators, from Settings or the welcome card) lists the setup steps: apps on the licence, people and roles, logo, sites, importing existing data, the inspector home and onboarding for the team. Each step opens the place to do it and ticks itself off.

Plain-language help: an **(i)** beside a technical field explains the term in a sentence or two.

Sign in

1. Open the suite in any modern browser on a PC, tablet or phone.
2. Enter your work email and password and choose **Sign in**, or choose **Sign in with your company account (SSO)** if your organisation uses Microsoft Entra ID.
3. If two-step sign-in is required, enter the 6-digit code from your authenticator app.
4. To try the suite without an account, choose **See it in action**. Demo mode loads sample data and nothing you do is saved.



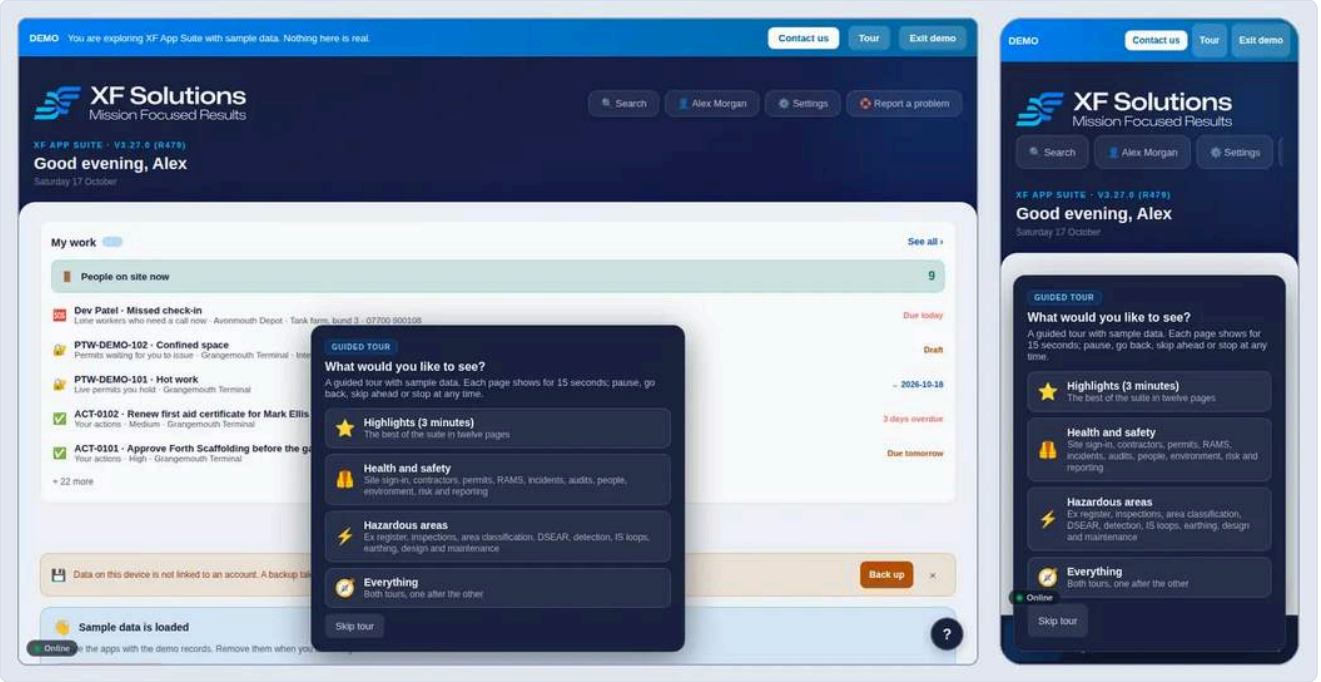
The sign-in page

Guided demo tours

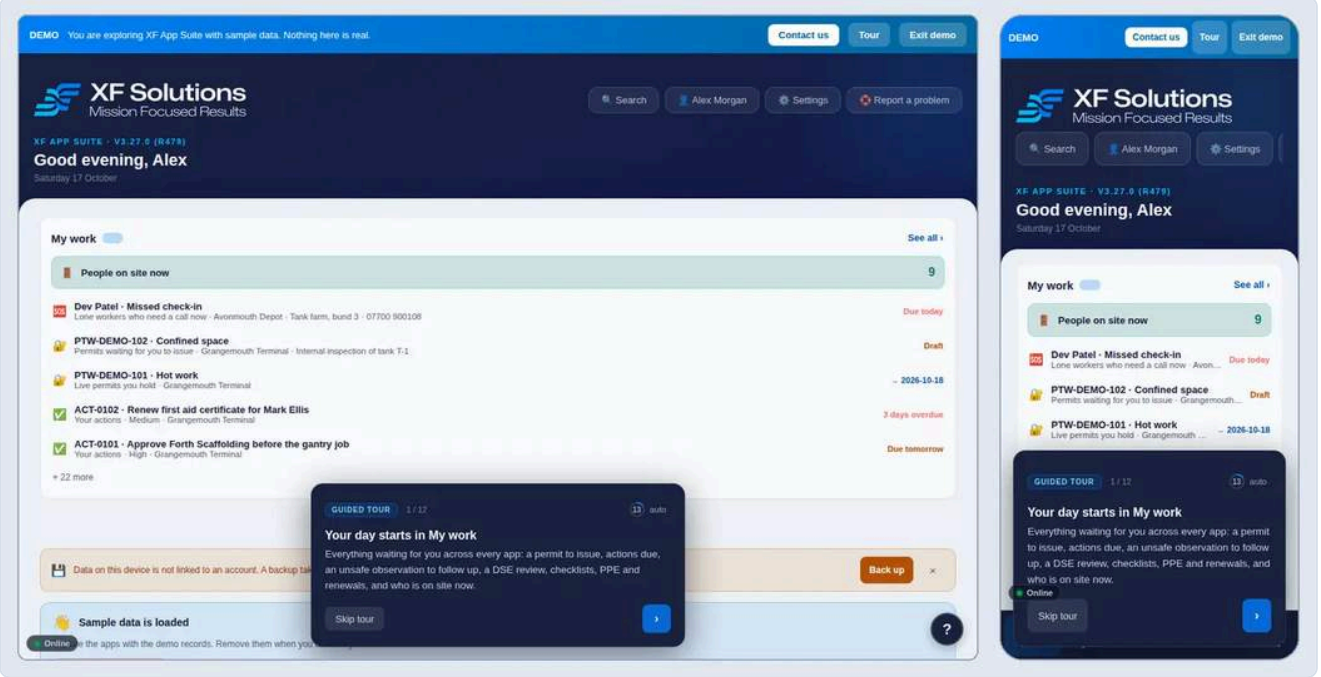
When you choose **See it in action**, a guided tour offers four routes through the suite. Each page shows for 15 seconds, then moves on by itself.

1. **Highlights (about 3 minutes).** Twelve pages covering the best of the suite: My work, QR scanning, permits, incidents, the Equipment Register, inspections, electrical testing, work orders, the site map, barriers, reports, and the end summary.
2. **Health and safety.** Site sign-in, contractors, permits, RAMS, incidents, audits, people, environment, risk and reporting.
3. **Hazardous areas.** The Ex register, inspections, electrical testing, area classification, DSEAR, detection, IS loops, earthing, design and maintenance.
4. **Everything (about 13 minutes).** Both tours, one after the other.

Use **‹** to go back a page, **›** to skip ahead, the timer to pause, and **Skip tour** to stop at any point. Choose **Tour** in the demo banner to start again.



Choosing a guided tour



A tour page with back, next and pause

Install it like an app: in Chrome or Edge choose *Install* in the address bar; on an iPhone use *Share > Add to Home Screen*. It then opens full screen and works offline.

Home

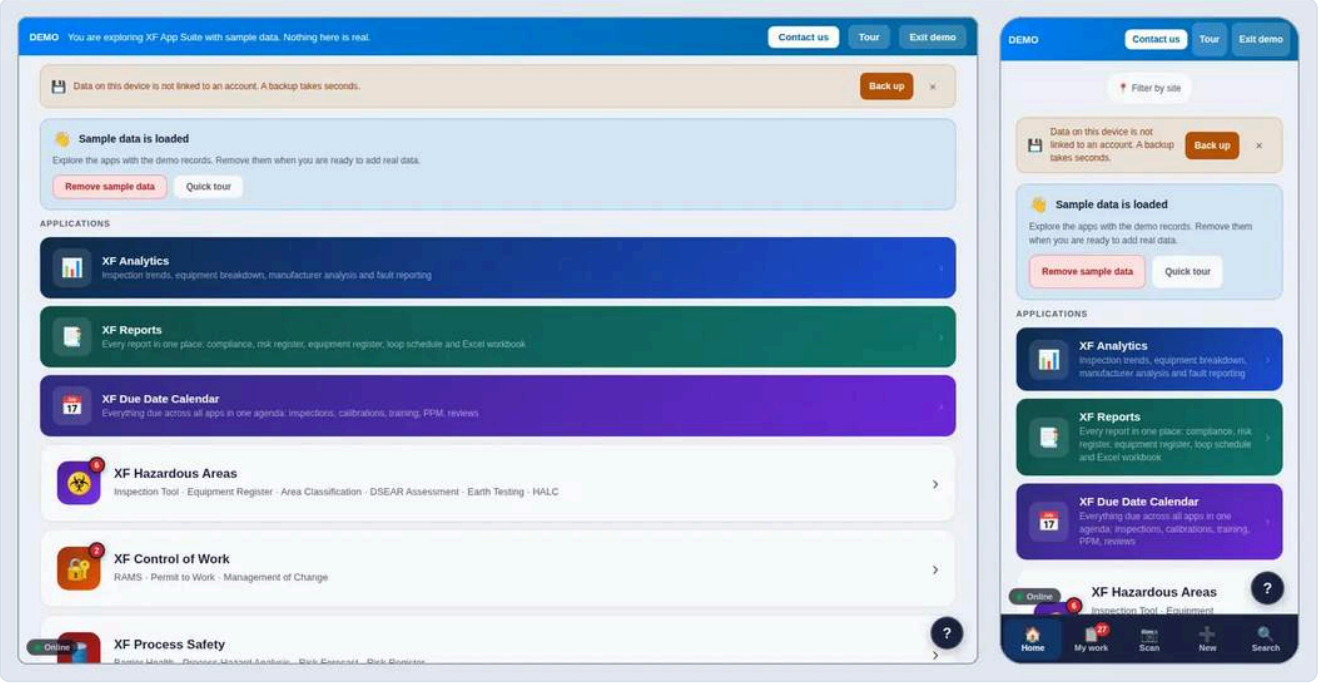
The home screen greets you, shows a summary of **My work**, and lists your apps. Once you have more than eight apps they are grouped into **hubs** (see below), so the list stays short on a phone. On a phone the bar at the bottom gives one-tap access to **Home, My work, Scan, New** and **Search**.

Inspector home: administrators choose **Settings > Inspector home** to set the apps, their order, the pinned apps and the sections (My work, dashboard figures, quick actions and so on) that inspectors and viewers see on home, then **Save** or **Save and preview**. Administrators and managers keep the full home. This sets the home screen only; what each person can open still follows their licence and role.

Management and Inspector views: administrators and managers have a **View** switch at the top of home. **Management** shows everything, with dashboards and reports; **Inspector** shows the home your inspectors see. The choice stays on the device.

Pinned apps: choose **Settings > Arrange and pin apps** and tap the apps you use most, including ones inside a hub (up to 12). They sit in a **Pinned** strip under My work, each with its count of items needing attention. Drag a pinned app to move it; **Edit** on the strip changes the choice.

Theme: Settings > Appearance offers **Automatic**, which follows your device and changes with it (dark at night if your phone does), or **Light** or **Dark**. Reports and PDFs are always on white.

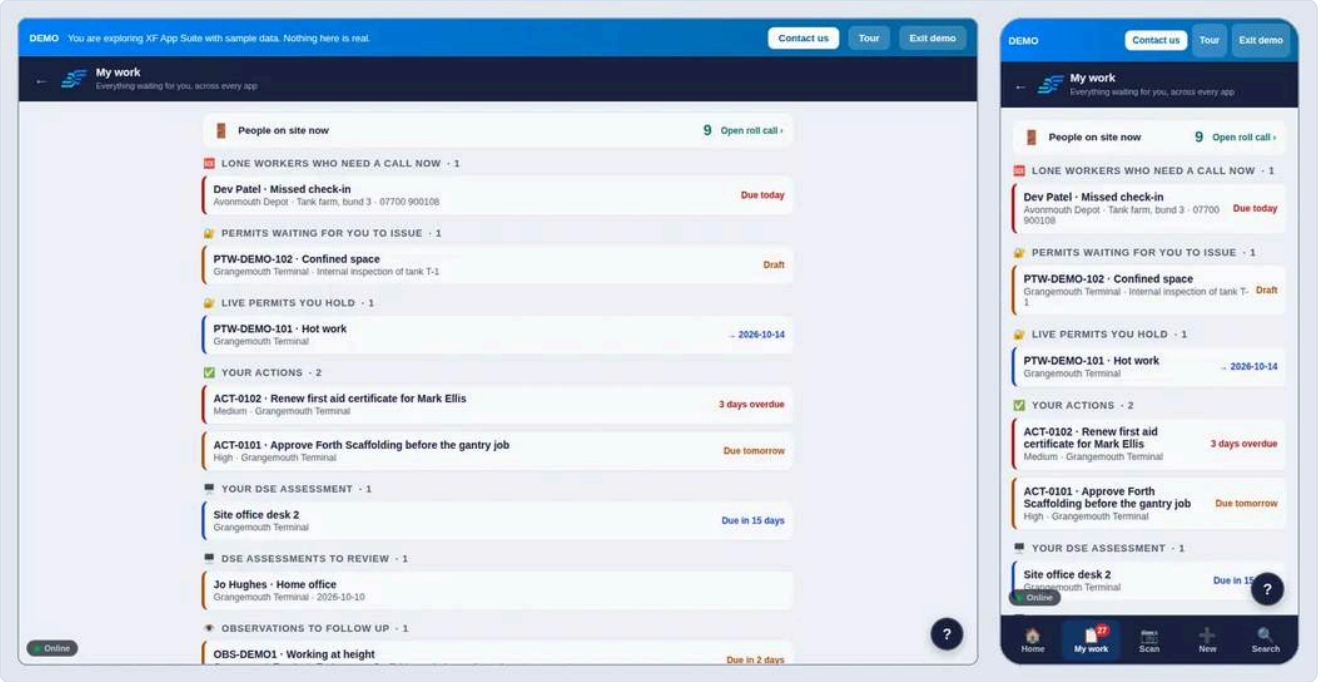


Home, with the apps grouped into hubs

My work

My work gathers everything that needs you, from every app, in order of urgency: people on site, lone workers who have missed a check-in, permits waiting for you to issue or hold, your actions, DSE reviews, observations to follow up, inspections and examinations due, training expiring, and PHA revalidations.

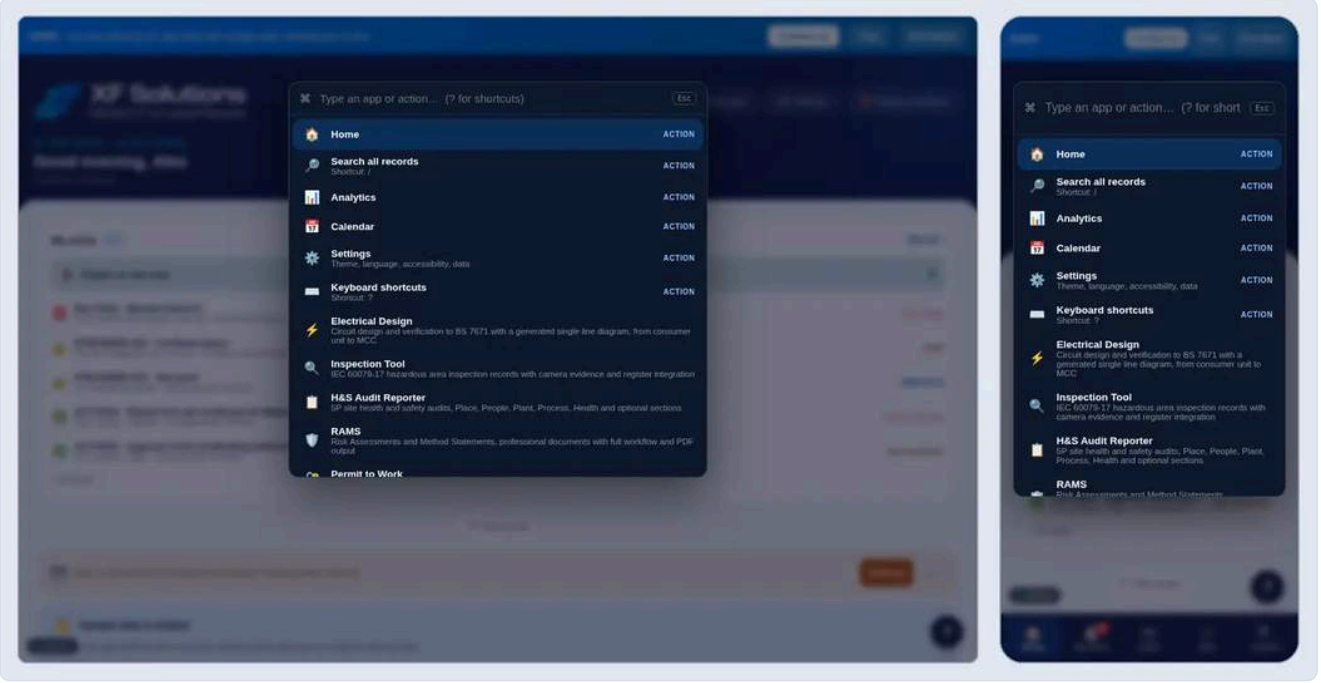
1. Tap **My work** (or *See all* on the home card).
2. Tap any line to go straight to that record.
3. Use **Filter by site** to narrow it down, and the buttons at the top for **Overdue**, **Due this week** or **No due date**.
4. ⏰ snoozes an item for a day or a week; ✓ marks it done. A done item comes back by itself if its due date or title changes. **Snoozed and done** at the bottom lists them, with **Bring back**.



My work

Search everything

Press **Ctrl+K** on a computer, or tap **Search** on a phone, then type a few letters. You can jump to any app, any record (by tag, reference or name) or an action such as *New inspection*.



Search across the whole suite

Field mode

For site work, switch on **Settings > Accessibility > Field mode**: larger text and buttons, high contrast for sunlight and room for gloved fingers. It applies to this device only.

Board view

Actions, work orders (in Planned Maintenance) and every register with a status can be shown as a board, one column per status. Press ▦ **Board** beside the search box. Drag a card to another column, or on a phone use its **Move to** list, to change its status; the usual checks still apply. Moving an action to **Closed** opens it so you can record how it was closed. Overdue actions are worked out from their due date, so nothing is moved into that column. Press ☰ **List** to go back; the choice is remembered on each device.

Map view

Any register whose records have a GPS position shows 🗺 **Map** beside the search box: each record is a pin, coloured as its card is, named on hover. Tap a pin to open the record. Search and filters apply to the map too. Records without a position are counted under the map; open one and use its location field to add it. ⤓ on the map keeps the area for offline use.

Importing a spreadsheet

More > Import from CSV opens the import wizard. First match each column to a field (the wizard guesses from the headings; choose **Don't import** for columns to leave out). Then check the rows: dates (dd/mm/yyyy, yyyy-mm-dd or Excel numbers), numbers and choices that are not one of the field's options are marked in red. Fix a cell in place, or untick the row to leave it out; rows that still have problems are not imported. Imported records are held out of analytics until verified. If an import was wrong, **More > Undo last import** moves the whole batch to the Bin in one step.

Voice entry

Press the microphone beside a field and speak. Voice entry runs a free, open speech model **on your device**: it understands English in any accent, from Yorkshire and the North to Scotland, Wales, Ireland and South Africa, works in every browser including Brave, keeps working offline, and the audio never leaves the device. The words appear a moment after each phrase. Where the device has a graphics chip the browser can use, the model runs on it, which is several times faster.

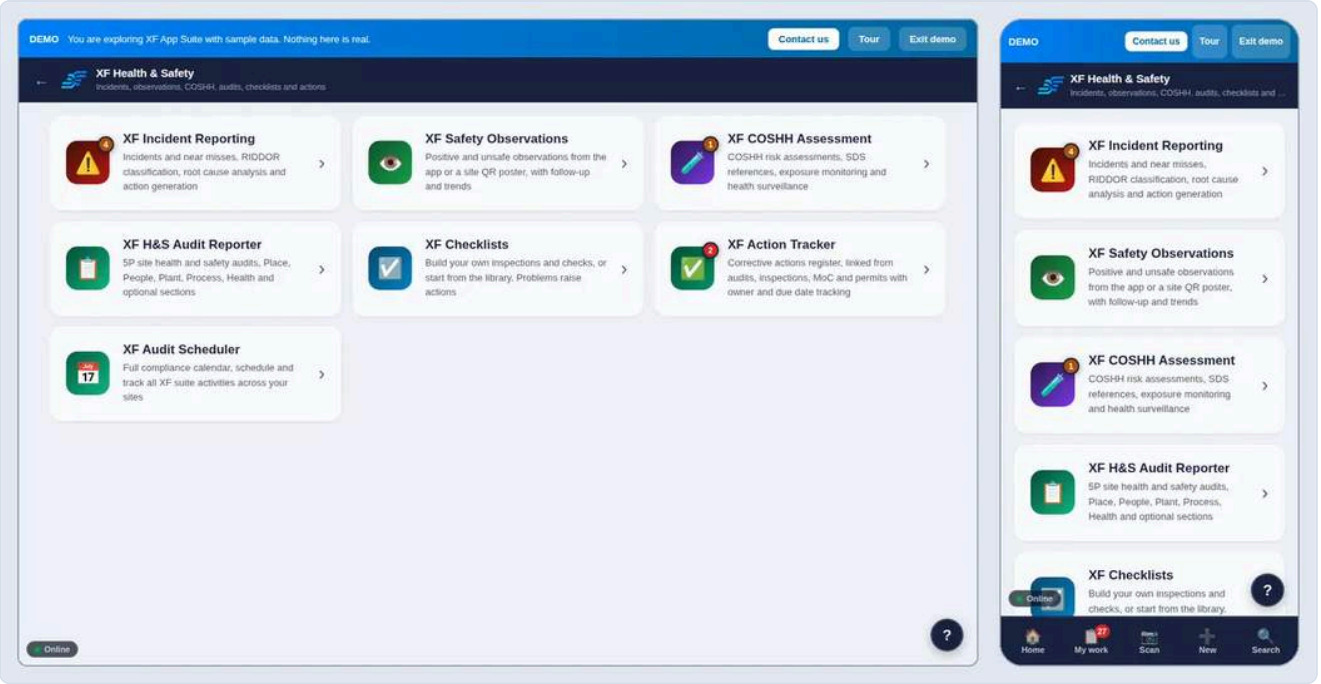
The first use downloads the model once (roughly 40 MB on a phone, up to 110 MB on a computer with graphics acceleration). Under **Speed and accuracy** choose **Automatic** (the fastest this device can do well), **Most accurate** or **Fastest**. To do that in advance on Wi-Fi, open **Settings > Help & support > Voice input** and choose **Get voice ready now**. The same place lets you choose the browser's own engine instead (words appear as you speak, but it is weaker with some accents) and the accent and spelling it uses.

If the model cannot be downloaded (for example no signal on first use) and the browser has no speech service of its own, a dictation box opens instead: use your device dictation (**Windows key + H**, the keyboard microphone on a phone or tablet, or **Fn** twice on a Mac), then choose **Use this text**.

Hubs

Apps are grouped into ten hubs: *Hazardous Areas*, *Control of Work*, *Process Safety*, *Health & Safety*, *People*, *Maintenance & Registers*, *Fire & Emergency*, *Environment*, *Insight & Setup* and *Your Apps* (apps built in App Builder).

1. Tap a hub to see its apps. A hub lists only the apps your organisation has, and its red badge adds up what is overdue inside it.
2. Open an app; its back arrow returns you to the hub.
3. The apps you opened most recently sit in a row above the hubs, one tap away.
4. To change this, open **Settings > Data > Group apps into hubs** and choose *Automatic* (hubs once you have more than eight apps), *Always* or *Never*. A hub with only one of your apps shows that app directly.



The Health & Safety hub

Offline, sites, languages and roles

- **Offline.** Everything you open is kept on the device. The pill at the bottom left shows *Online* or *Offline*; changes queue and send when you reconnect.
- **Sites.** Records belong to a site, and your admin decides which sites you can see.
- **Languages.** English, French, German, Dutch, Spanish, Italian and Polish, under *Settings*.
- **Roles.** Inspectors and users record work, managers approve, admins manage people and security.

2. Hazardous areas

XF Equipment Register

The ATEX and IECEx register of every piece of Ex equipment, to IEC 60079-17.

Add equipment

1. Choose **+ New**, or **Scan Nameplate** to read the details from a photo of the rating plate.
2. On **Details**, enter the tag, description, manufacturer, model, site and location. Choose **Capture GPS position** so it shows on the map.
3. On **Certification**, enter the zone, protection concept (Ex d, Ex e, Ex ia and so on), gas group, temperature class and certificate number.
4. Set the lifecycle state (*Commissioned, In service, Mothballed, Decommissioned*) and **Save**.

Checked before saving: as you fill in the asset, the Ex suitability check shows above the form: amber for data to verify, red when the equipment is not suitable for its zone on the data entered. Saving an asset that fails asks you to acknowledge it first, even when it is marked satisfactory, because the data or the equipment may be wrong. The acknowledgement is recorded on the asset and in its **History**.

Row colours: red rows are a big concern (unsuitable for the zone, failed or C1/C2 at the last inspection, defective, or overdue); amber rows are a warning (Ex data to verify, such as a missing temperature class or one that differs from the Ex marking, due within 30 days, C3, or awaiting repair). Hover over a row to see why. The flags match the Ex suitability list in Analytics.

Tidy zone values: More > Tidy zone values sets imported zones such as *1*, *Z2* or *Safe area* to *Zone 1*, *Zone 2* and *Non-hazardous*. Imports and saves use the same spelling from now on.

Bulk update: choose **Select**, tick the assets, then **Bulk Update** to set the site, location or zone for all of them, choosing an existing value or entering a new one.

Imported assets: a spreadsheet import is shown in the register but marked *Not in analytics* until it is verified. Each asset is brought in when it is inspected, passes and the inspector signs the inspection and confirms that its register details match the equipment; the verification is recorded in its **History**. To verify a whole import at once, choose **Request cleanse** on the banner above the list.

Automation (IACS) assets: PLCs, safety PLCs, HMIs, SCADA servers, engineering workstations, network switches, firewalls and remote access gateways are registered with the asset class **Automation (IACS)**. Their **Cyber (OG86)** tab, set out against HSE OG86 and IEC 62443, records:

- firmware and application versions, the application checksum and the validated version it must match;
- IP and MAC address, the security zone and its conduits, and how the device is connected;
- whether it is part of a safety system or could contribute to a major accident, and when vendor support ends;
- the last backup, where it is kept and when a restore was last tested; the last patch and advisory review; default passwords, access control, removable media, malware protection, physical security and remote access.

The tab lists what needs attention, and the row goes red for a safety device with no backup or untested restore, default passwords, a running version that differs from the validated one, a connection to the business network or an overdue review; amber for the rest. **Record a review** walks the OG86 checks and sets the next review date. The tab also lists the safety functions the device serves, with their LOPA, HAZOP and bow-tie barriers. Changing the firmware or application version flags those safety functions for review and offers to raise a Management of Change. **More > OG86 automation report** prints the inventory, zones and gaps for the organisation.

Network diagram

More > Network diagram (or **See the network diagram** on a device's Cyber tab) draws the site's control network as a single line diagram for the cyber security assessment under HSE OG86 and IEC 62443-3-2.

1. Choose the site. Each automation asset sits in the zone named in its **Security zone**; each zone sits in a band for its level: business, DMZ, site operations, supervisory, control, safety (SIS) or field.
2. Set each zone's **Level** and its **SL-T** (target security level, SL 1 to SL 4) from your cyber risk assessment. **+ Zone outside the control system** adds the business network or a vendor.
3. Check the **Conduits**: the links between zones with their **Boundary device** (the firewall's tag), protocols, whether it carries remote access, and notes such as *read only*. They are suggested from the conduits recorded on the devices until you save the design.
4. **Save design** (administrators and managers) keeps it for the organisation with a revision number.

Each level is a band, labelled on the left; each security zone is a dashed box with its SL-T, its devices drawn as icons (firewall, switch, gateway, server, workstation, PLC, safety PLC) on a single line. Conduits cross each boundary through the firewall shown, with its tag; purple dashed lines carry remote access, and a red dashed line has no boundary device. A device with OG86 points open has a red or amber outline; a device in a hazardous area shows its Ex zone. The legend, the zones with their SL-T and a status count sit on the right. **Findings** list weak points: a link with no firewall, a business link straight to the control system, a safety system link not recorded as read only, remote access without a recorded control, devices with no zone and zones with no SL-T. **Print or PDF** gives the diagram, zones, conduits and findings for the assessment; **Download diagram** saves it as SVG.

Check the Ex marking: type or paste the marking from the nameplate into **Ex Marking**, for example *II 2 G Ex db eb IIC T4 Gb*. The register reads it into the protection concept, group, temperature class, EPL and ATEX category, and:

- flags a marking that contradicts itself (an ATEX category 3 marking claiming Gb, or Ex ic claiming Gb);
- shows any field where the record disagrees with the marking;
- offers **Fill blank fields from the marking**, which never overwrites what is already there.

Specific conditions of use: when the certificate number ends in **X**, Certification asks for the conditions from the certificate. Every inspection of the asset shows them and asks whether they are met. A certificate ending in **U** is a component certificate and is flagged: record the certificate for the complete equipment.

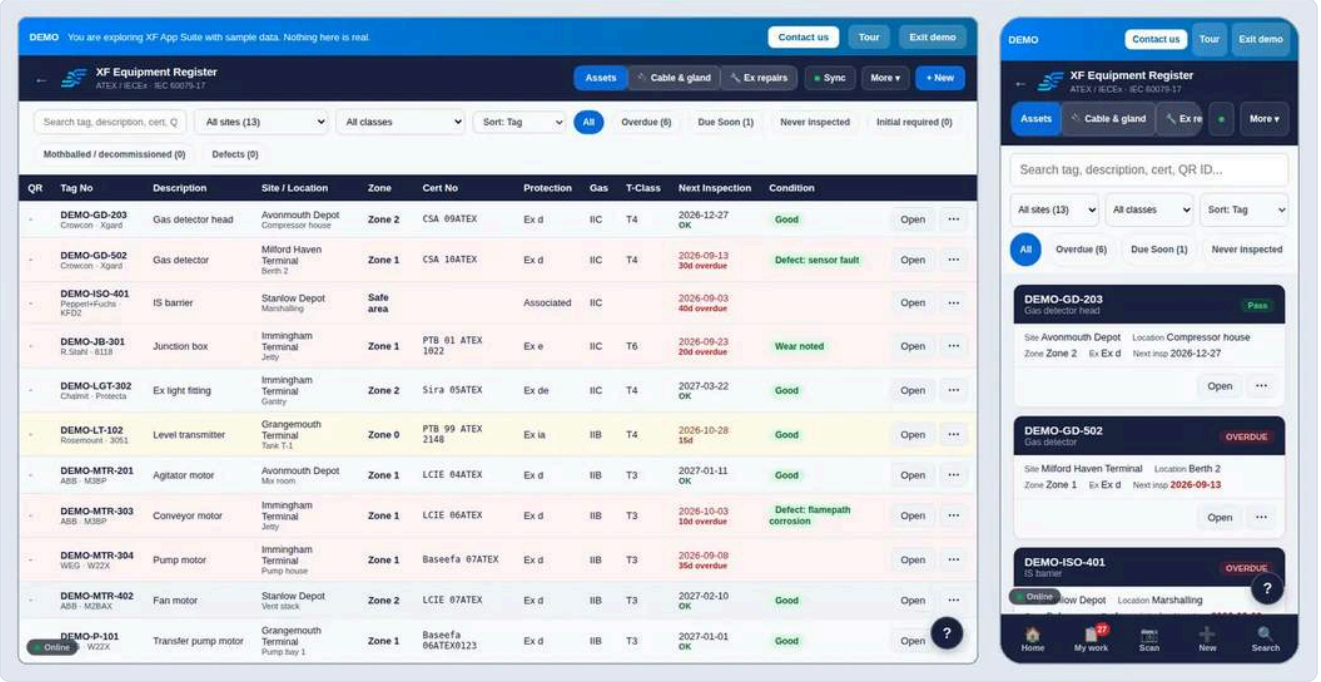
Read the certificate with AI: on **Certification**, choose **Read the certificate with AI** and pick the certificate PDF or a photo of it. AI reads the certificate number, Ex marking, group, temperature class, EPL, ambient range, specific conditions of use and schedule of limitations. Before anything is filled in,

the suite's own rules check what was read: the marking against the group, temperature class and EPL, an X certificate without its conditions, a U certificate, a different certificate number from the record, and the equipment against its zone. Tick the values to use, then **Use the ticked values** and save. AI assist must be on for your organisation.

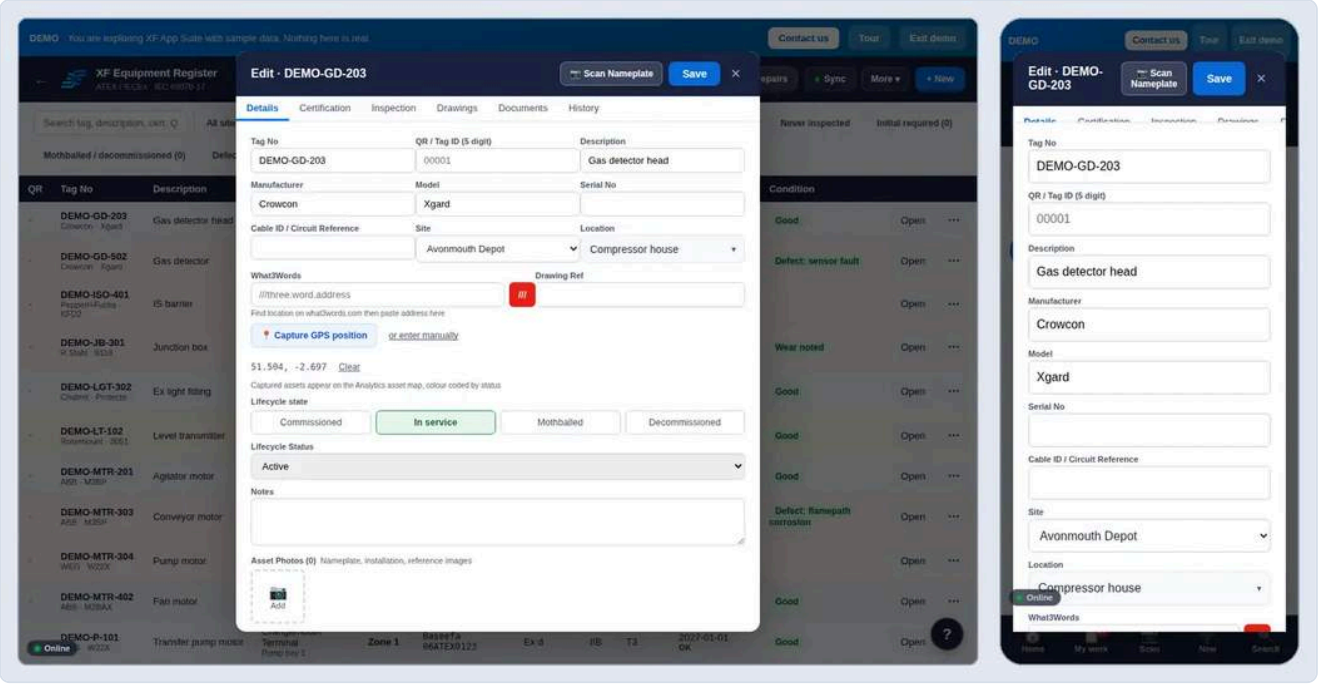
NFC tags: on an Android phone in Chrome, an asset's record has **Write NFC tag**. Hold the phone to an NFC sticker on the equipment: the tag gets the same link as the QR label and the tag number. Holding a phone to the tag later opens the asset, in or out of the app. The button does not show on iPhones or desktops, which cannot write NFC from a web app.

More > Check Ex markings and certificates lists every asset whose marking or certificate needs a look, and opens each one on Certification. The certificate and nameplate remain the authority.

Find and act on equipment: use the search box and the site, zone and status filters; the *Overdue* and *Due soon* tiles show what needs inspecting. Print QR tags from **More**, then scan a tag with **Scan** to open the asset or start its inspection.



The register: grades, zones and next inspection dates

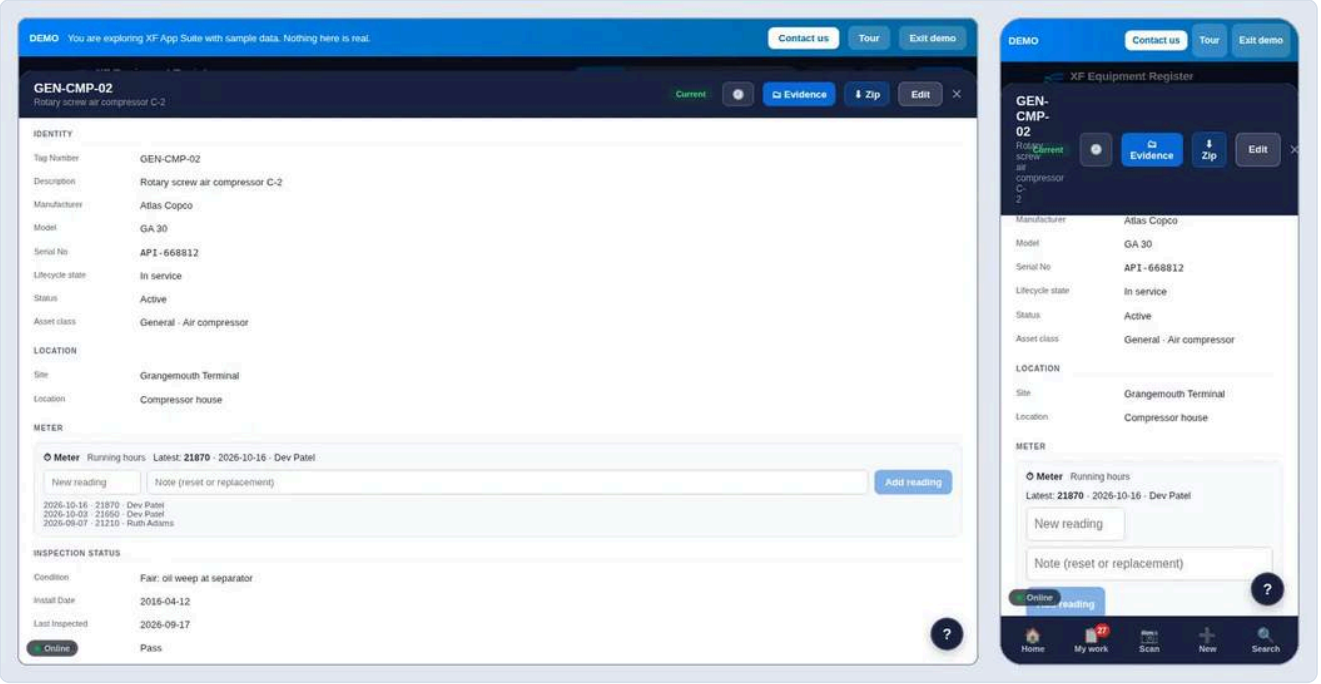


An asset record with its details and certification tabs

General assets and meter readings

The register also holds ordinary plant that is not in a hazardous area, such as compressors, air handling units, pumps and lifting equipment.

1. Open or create an asset and set **Asset class** to **General**. Ex fields, the certification tab and Ex suitability checks are hidden for general assets, and a **GENERAL** chip shows on the card and in the table.
2. In **Meter**, choose the unit (running hours, miles, cycles and so on) and use **Add reading** to record the value. A reading lower than the last one is flagged unless you note a reset or replacement.
3. Daily plant checks that record hours update the meter automatically.
4. Inspections of general assets use the **General** checklist (16 items) in the Inspection Tool.



A general asset with its meter readings

XF Inspection Tool

IEC 60079-17 initial, periodic and sample inspections (visual, close or detailed).

Working through an inspection: the first question is the grade (Visual, Close or Detailed); the checklist follows it. To change it later, choose **Change grade**; you are asked to confirm once items are answered. The tabs run Details, each checklist section, then **Sign off**, and each turns green when done. At the bottom of every tab are **Next**, **Back to top** and the tabs again. **Save draft** keeps the inspection to finish later; **Complete inspection** checks every item is answered and signs it off.

Filled in for you: the inspector is the person signed in, the company is your organisation and the test instrument is the one you used last. The zone is chosen from the real zones. For inspectors, the interval and next inspection date follow the site's regime and the asset's history when the inspection is completed; managers and admins can set them. **Equipment type** sets which checklist items apply (Motor, Lighting, Heating or none); only admins and managers add types, in the register. **Measured readings** follow the protection concept: flamepath gaps for Ex d only, insulation only for intrinsically safe circuits, and insulation and earth loop for the rest.

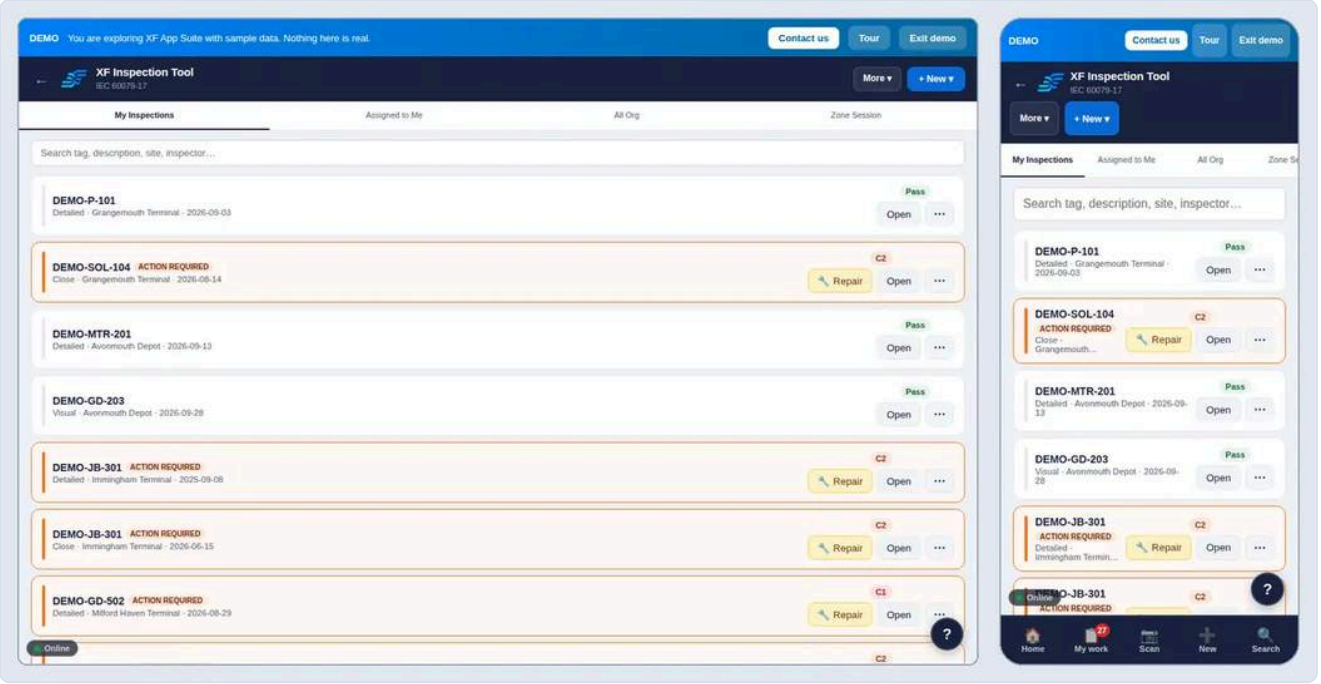
Copy as new inspection (the three dots on an inspection, or at the foot of a completed one) starts a new draft for you, dated today, with the asset and set-up carried over and every answer cleared.

1. Choose **+ New**, scan the asset's QR tag, or on an Android phone choose **+ New > Read an NFC tag** and hold the phone to the asset's tag.
2. Pick the grade of inspection (Detailed, Close or Visual). The checklist follows the IEC 60079-17 schedule for the asset's protection concept: Ex 'd'; Ex 'e', 'n' and 't/tD'; both for equipment such as Ex db eb; Table 2 for Ex 'i' (including 'nL'); Table 3 for Ex 'p' and 'pD'. Each item shows its reference (A.1, B.6 and so on) and starts unanswered: every item needs Pass, a grade, X or N/A before the inspection can be finished, and Save takes you to any still unanswered. Heating checks (B.14 to B.22) appear only when the equipment type is Heating.
3. Mark each item *Pass* or grade it C1, C2 or C3 by urgency, adding a comment and photo.

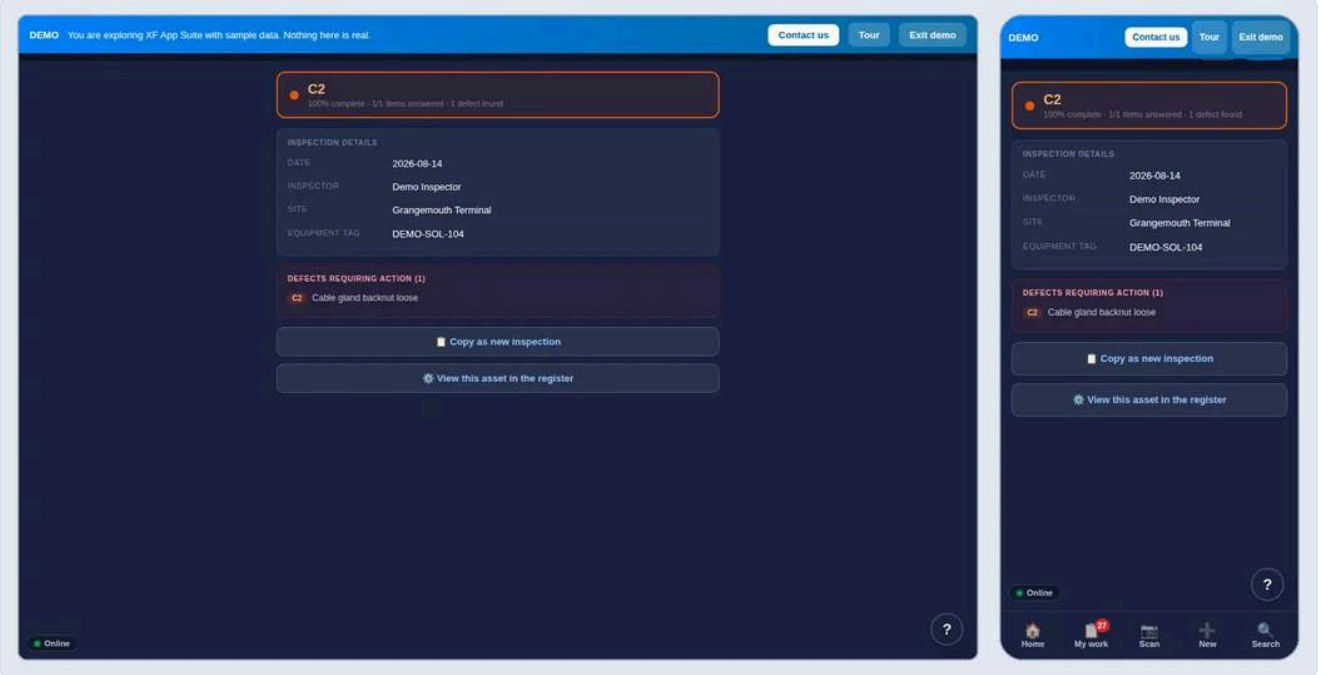
4. Grade an item **X** when it cannot be inspected (no access, or conditions prevent it) and say why. X items stay out of the overall result. If the asset has specific conditions of use, answer **Met** or **Not met** under Overall Assessment. 4a. On a **Detailed** inspection, record the figures under **Measured readings**: **Flamepath gap** against the permitted maximum from the manufacturer's documentation or certificate; **Insulation resistance** with the test voltage (minimum 0.5 MΩ at 250 V, 1 MΩ at 500 V and 1000 V by default, from BS 7671 Table 64; change it where your procedure sets another); **Earth loop impedance** against the maximum for the protective device. Each shows **Pass** or **Out of limit** as you type. The next inspection of the same tag offers last time's readings and limits, and a reading out of limit is offered as a High action, due in 14 days, when you finish. 4b. Each section shows the photos from the **last inspection** of the same tag. Choose **Compare side by side** to see last time and this time together. 4c. With AI assist on, **Suggest defects from the latest photo** looks at a gland or enclosure photo against the section's checklist and suggests a grade (C1, C2 or C3) for each item with what it saw. Nothing is graded until you press **Apply grade**, which sets the grade and adds the reason to the item's comment. AI never marks an item as a pass; you remain responsible for the grade.
5. Finish to see the overall result. Each C1, C2 and C3 item is offered as its own action (C1 Critical, next day; C2 High, 14 days; C3 Medium, 90 days), with follow-ups for X items and for conditions not confirmed. After a failed Visual or Close inspection, the actions offered include a **Detailed inspection** of the equipment within four weeks, as IEC 60079-17 expects.
6. Use **Zone session** (on the home quick actions) to walk an area and inspect many items in one go. Pick the site and zone, then **Start next**; when you finish each inspection you come back to the session with the next asset ready, until the zone is done.

Ex suitability in the inspection: the tag has its own box at the top. As you enter the zone and protection concept, the inspection runs the same suitability check as the register and Analytics, using the asset's register record for its EPL, gas group and temperature class. Equipment that is not suitable for the zone (Ex d in Zone 0, for example) shows red before you save. Completing it asks you to acknowledge the finding, records it on the inspection and offers a High action; the asset then shows red in the register and Analytics until a later inspection clears it.

CompEx competence gate: an admin can switch this on in **Training and Competence > CompEx gate**. Close and Detailed inspections then check the inspector's CompEx units in the training register: Ex01 to Ex04 for gas and vapour equipment, and Ex05 and Ex06 as well for dust (Ex t, Zones 20 to 22), unless you choose other units for your scheme. The check shows under the inspector's name, and the gate either warns or stops the save. The result is recorded on the inspection.



Inspections, with graded results needing action



A completed inspection with a C2 defect

XF Job Packs

A job pack is the work for one site visit, built from the register and assigned to an inspector. It replaces the spreadsheet pack sent out before a visit.

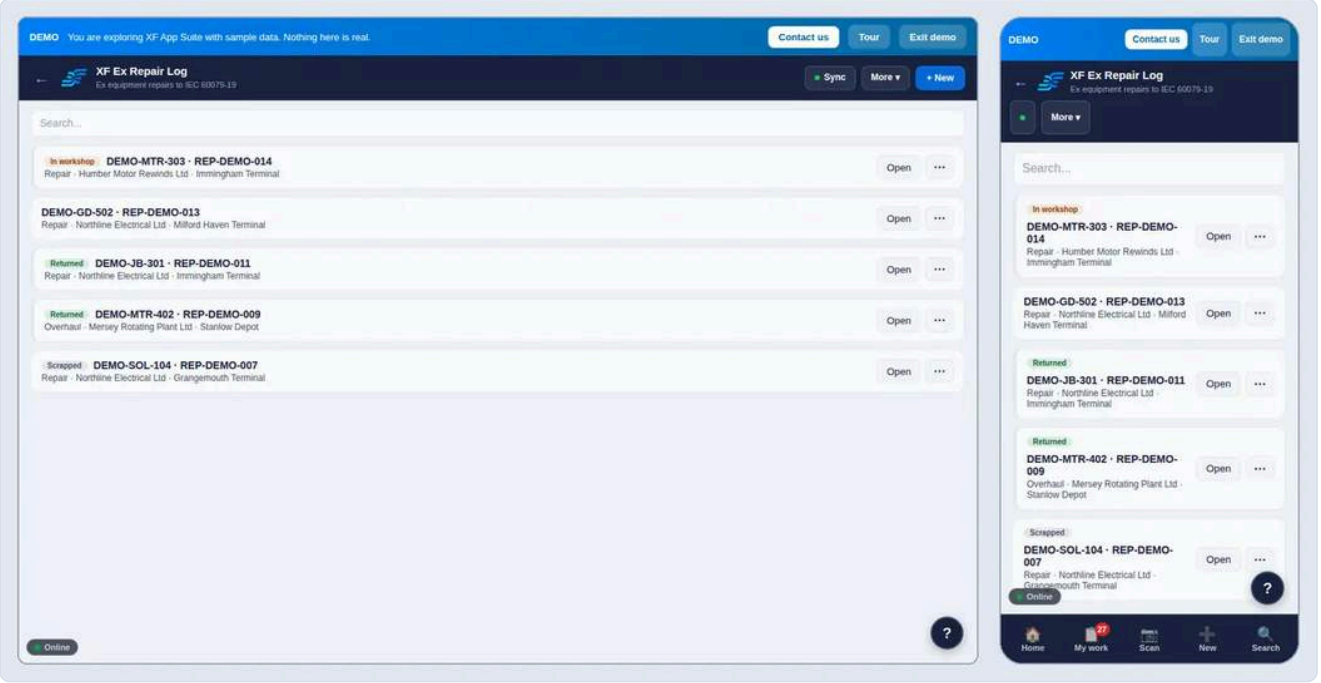
1. **Set up inspection teams** (administrators and managers): under **Inspection teams**, add each area of work, such as *Internal inspection*, *Operational inspections* or *Customer sites*, with its lead, its inspectors and, if you like, the sites it covers. Leads can then build and assign packs for their own area.

2. **Build a pack**: choose **+ New job pack**, the area of work, the site, the customer's job number, the inspection grade and the completion date. Choose what is due (overdue only, the next 30 or 90 days, the next 12 months, or everything at the site), narrow it by zone or search, and tick the equipment.
3. **Choose who does it**: one inspector, or several to split the equipment between them area by area. Each gets their own pack, and each item also appears in their **Assigned to me** list.
4. **Include** the site's cable and gland schedules (hazardous and non-hazardous), cable continuity and insulation tests, and the earth system and earth rod tests. When the work is split, these go in the first inspector's pack.
5. **Work the pack** (inspectors): open it from **My work**. **Inspect** opens the Inspection Tool with the asset loaded; it counts as done when saved. Enter cable test readings in the pack (continuity in Ω, insulation resistance in MΩ; >200 or LIM at the meter's limit; below 1 MΩ fails). **Open Earth Testing** records the earth tests for the site. All of it works offline and syncs when you have signal.
6. **Follow progress** (leads): **Team progress** shows each inspector's open packs, items done and anything overdue; overdue packs also show in the lead's My work. When everything is done, **Sign off pack**.
7. **Export job pack** downloads the pack as a spreadsheet in the job pack layout: hazardous and non-hazardous cable schedules, the detailed schedule per asset, cable test results, earth system testing and earth rod tests.

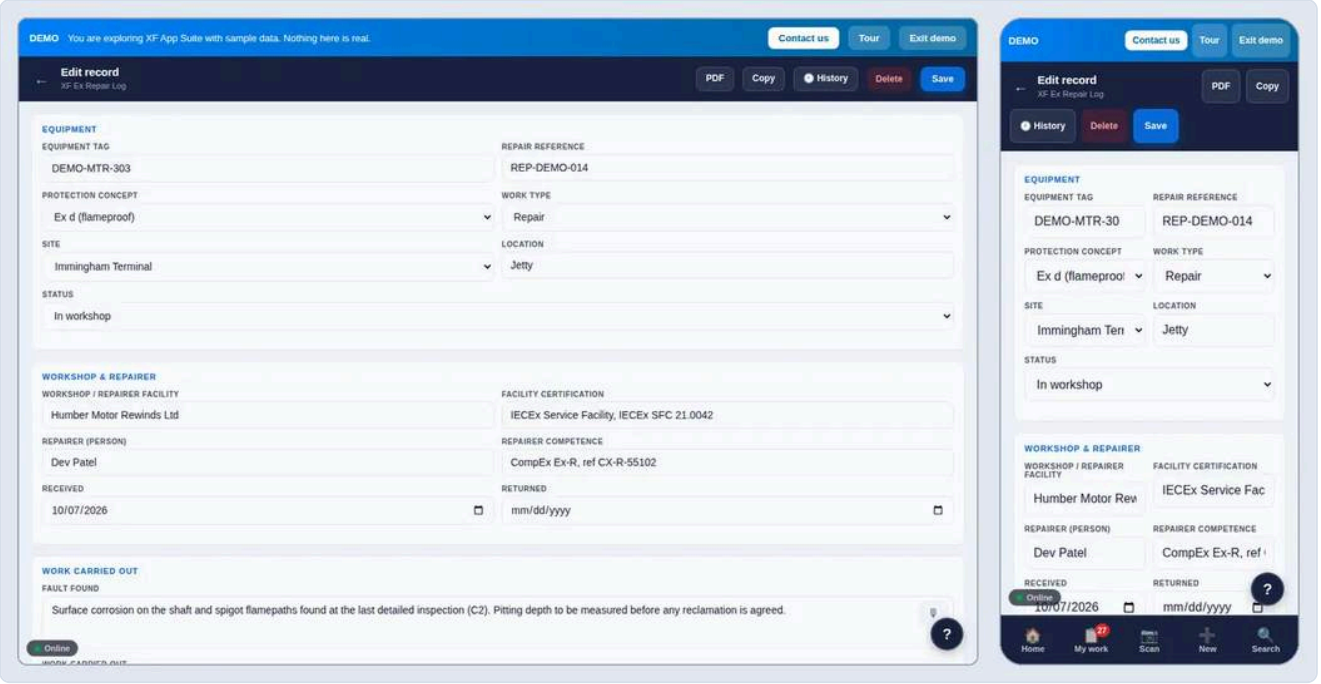
XF Ex Repair Log

IEC 60079-19 repair and overhaul records.

1. Choose **+ New** and pick the equipment tag.
2. Record the workshop, its IECEx facility certificate, what was found and what was done, and the conformity level after repair.
3. Move the status through *In workshop*, *Awaiting authorisation* and *Returned to service* (or *Scrapped*), and sign it off.



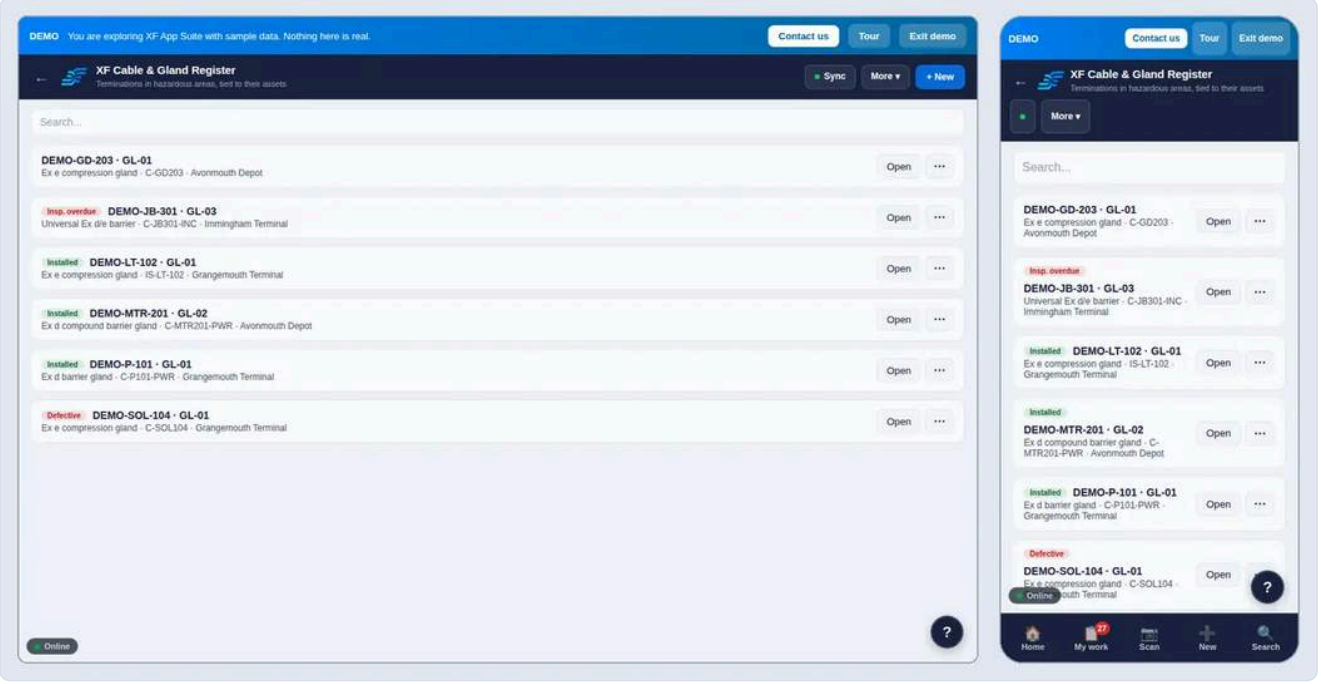
Repairs by status



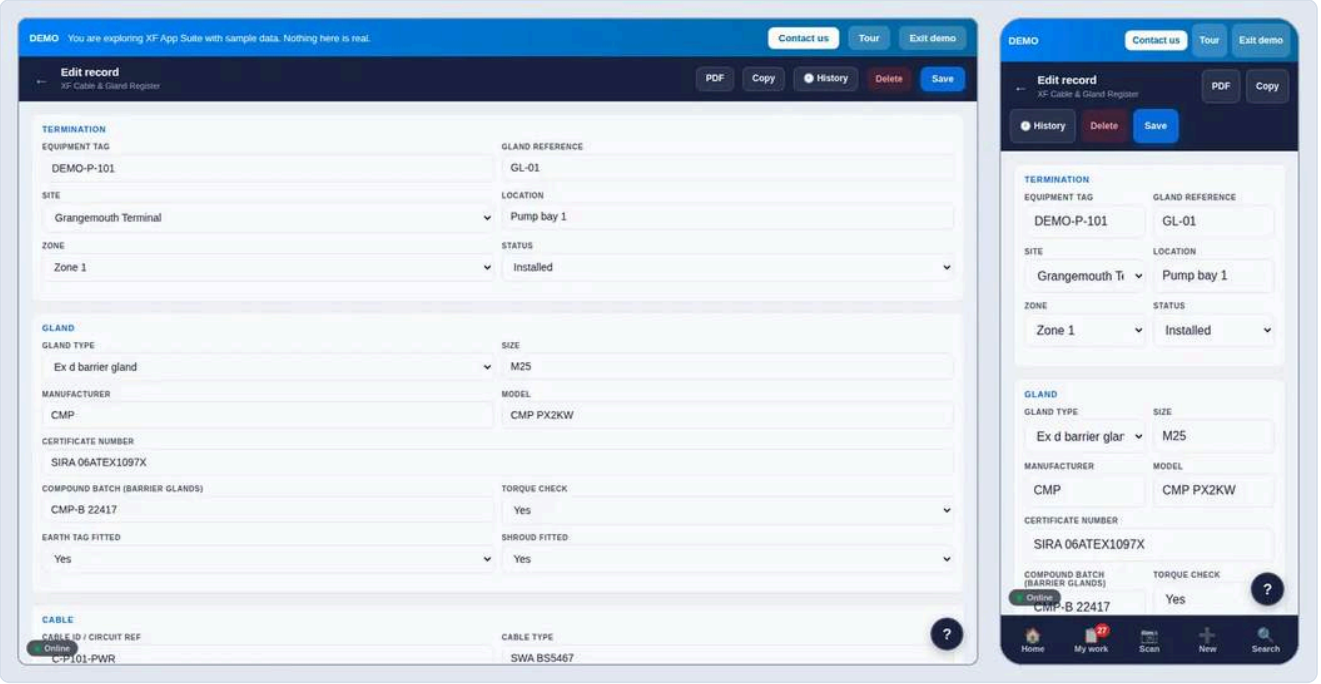
A repair record

XF Cable & Gland Register

IEC 60079-14 glanding completion records, one per termination: gland type and size, certificate, barrier gland compound batch, cable type, torque check and earth tag. Statuses show *Installed*, *Defective* or *Removed*, with the next inspection date.



Gland records

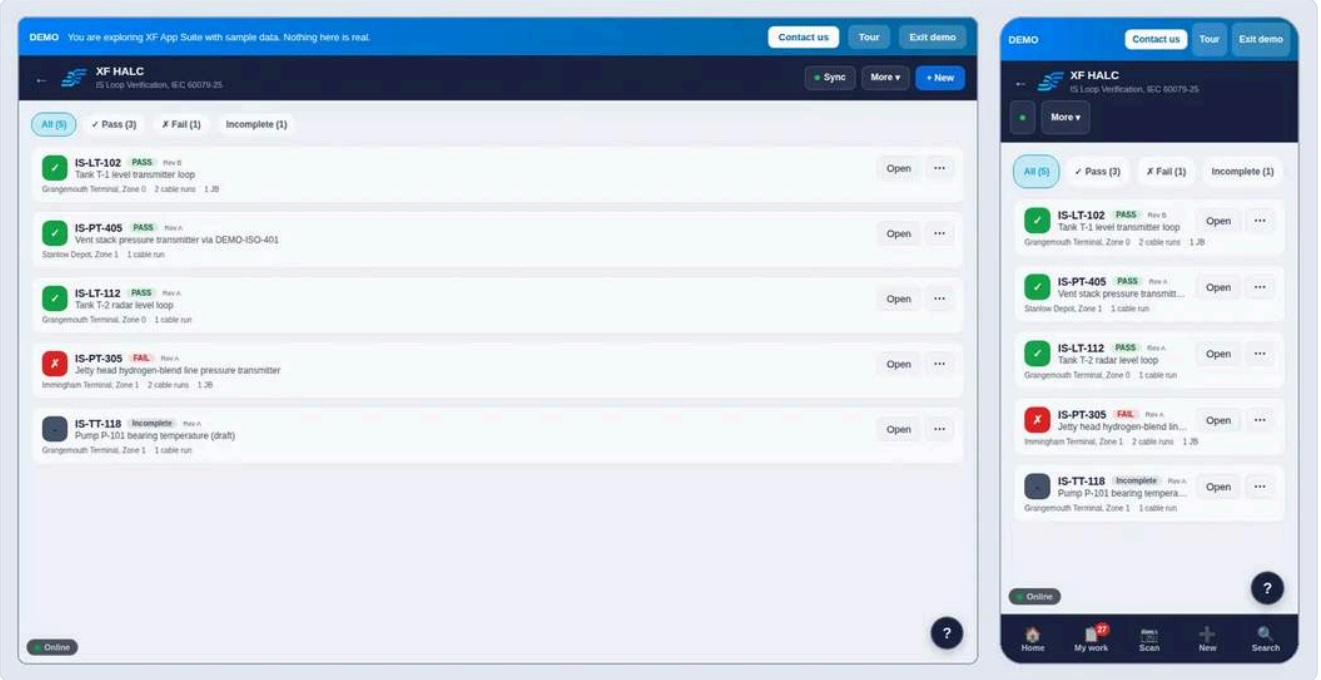


A termination record

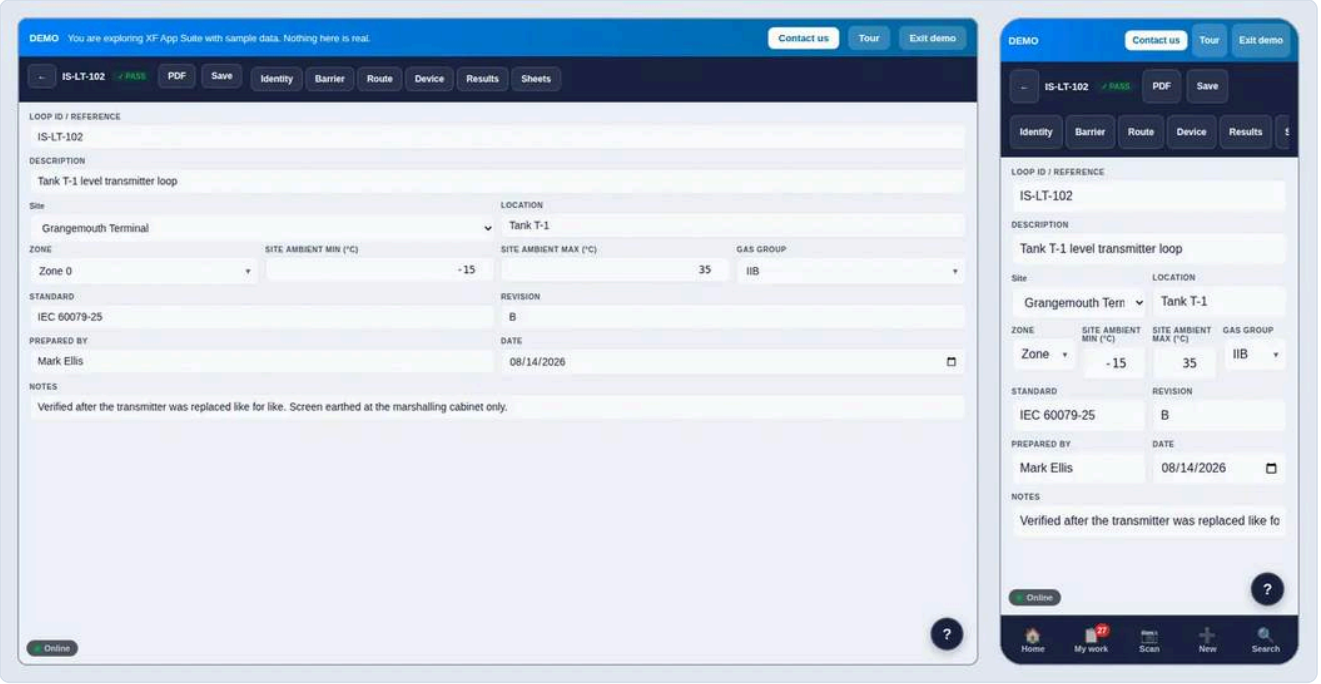
XF HALC (IS loop calculator)

Checks intrinsically safe loops against IEC 60079-25 entity parameters.

1. Choose **+ New** and fill the tabs in order: **Identity**, **Barrier** (Uo, Io, Po, Co, Lo), **Route** (cable length and parameters), **Device** (Ui, Ii, Pi, Ci, Li).
2. Open **Results** to see each check pass or fail with the margin. A failing loop shows which parameter is out.
3. **Sheets** produces the loop sheet for the file; **Save result to asset** writes the verdict to the register.



IS loops with pass, fail and incomplete



A loop record

Also in HALC

- **L/R method.** Enter the barrier Lo/Ro and the cable L/R. Where the cable L/R is within the barrier limit, inductance passes on the L/R method instead of total length, and the result shows which method was used.
- **Combined L and C.** Where both the device Li and Ci are significant, the loop is also checked against the halved capacitance limit, as IEC 60079-14 requires.
- **Cable library.** Pick a cable from the list to fill its C, L and L/R, or choose ★ **Save this cable type to the library** to reuse it. The **Cables** tab in the library holds your cable types.
- **Descriptive system document. DSD** on a loop, or **DSD for site** in the list, prints an IEC 60079-25 document with the system and zone, block diagrams, equipment and certificates, cables, the entity verification, earthing, and the approval signatures. Record the IS level, temperature class, earthing arrangement and checker on the Identity tab first.

Descriptive System Document

Intrinsically safe system, IEC 60079-25

DSD-IS-LT-102 · Grangemouth Terminal · Revision B · 17 October 2026

All loops compliant

1. System identification and area classification

LOOP	DESCRIPTION	LOCATION	ZONE	GAS GROUP	T CLASS	LEVEL	RESULT
IS-LT-102	Tank T-1 level transmitter	Tank T-1	Zone 0	IIB	T4	ia	Compliant

The system category (ia, ib or ic) is the lowest level of protection of any part of the loop and must suit the zone. Temperature class follows the field device certificate.

2. Block diagrams

IS-LT-102



3. Equipment, certificates and entity parameters

LOOP	ROLE	EQUIPMENT	TAG	CERTIFICATE	LOCATION	PARAMETERS	AMBIENT
IS-LT-102	Associated apparatus	MTL5541 galvanic isolator		BAS 01ATEX7202	Control room marshalling MC-1	Uo 28 V · Io 93 mA · Po 650 mW · Co 0.083 µF · Lo 3.05 mH	
IS-LT-102	Field device	Rosemount 3051 transmitter	LT-102	Baseefa08ATEX0129X	Tank T-1	Ui 30 V · Ii 200 mA · Pi 900 mW · Ci 0.012 µF · Li 0 mH	Ta max 70°C

4. Interconnecting cables and junction boxes

LOOP	ITEM	DESCRIPTION	TYPE	LENGTH	C	L	L/R	AREA
IS-LT-102	Cable 1	MC-1 to JB-12	Instrument cable 0.75mm² pair, SWA	220 m	120 pF/m	0.72 µH/m	25 µH/Ω	Hazardous area
IS-LT-102	Junction box	JB-12 Ex e junction box						Zone 1, Tank farm
IS-LT-102	Cable 3	JB-12 to LT-102	Instrument cable 0.75mm² pair, SWA	35 m	120 pF/m	0.72 µH/m	25 µH/Ω	Hazardous area

Where the manufacturer's cable parameters are unknown, IEC 60079-14 default values of 200 pF/m and 1 µH/m apply.

5. Verification of the entity parameters

IS-LT-102 · Tank T-1 level transmitter (Compliant)

CHECK	REQUIREMENT	VALUE	LIMIT	RESULT	WORKING
Voltage	Uo ≤ Ui	28 V	30 V	Pass	
Current	Io ≤ Ii	93 mA	200 mA	Pass	
Power	Po ≤ Pi	650 mW	900 mW	Pass	
Capacitance	Co ≥ Ci_total	0.0426 µF	0.083 µF	Pass	0.012µF (device) + 0.030600µF (cables/JBs)
Inductance	Lo ≥ Li_total	0.1836 mH	3.05 mH	Pass	0mH (device) + 0.1836mH (cables/JBs)

6. Earthing and bonding

LOOP	ARRANGEMENT
IS-LT-102	Galvanic isolator, no IS earth required. Cable screen earthed at the control room end only.

7. Installation, inspection and maintenance

Install to IEC 60079-14 and inspect and maintain to IEC 60079-17. Any change to equipment, cable type or length, or the addition of a device, requires this document to be revised and the loops re-verified before return to service.

8. Revision and approval

REVISION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
B	2026-10-12	Alex Morgan	Priya Shah	

Prepared by: signature and date

Checked by: signature and date

Approved by: signature and date

Generated by XF HALC from the loop records. A verification aide: the system designer remains responsible for the descriptive system document and the selection of equipment.

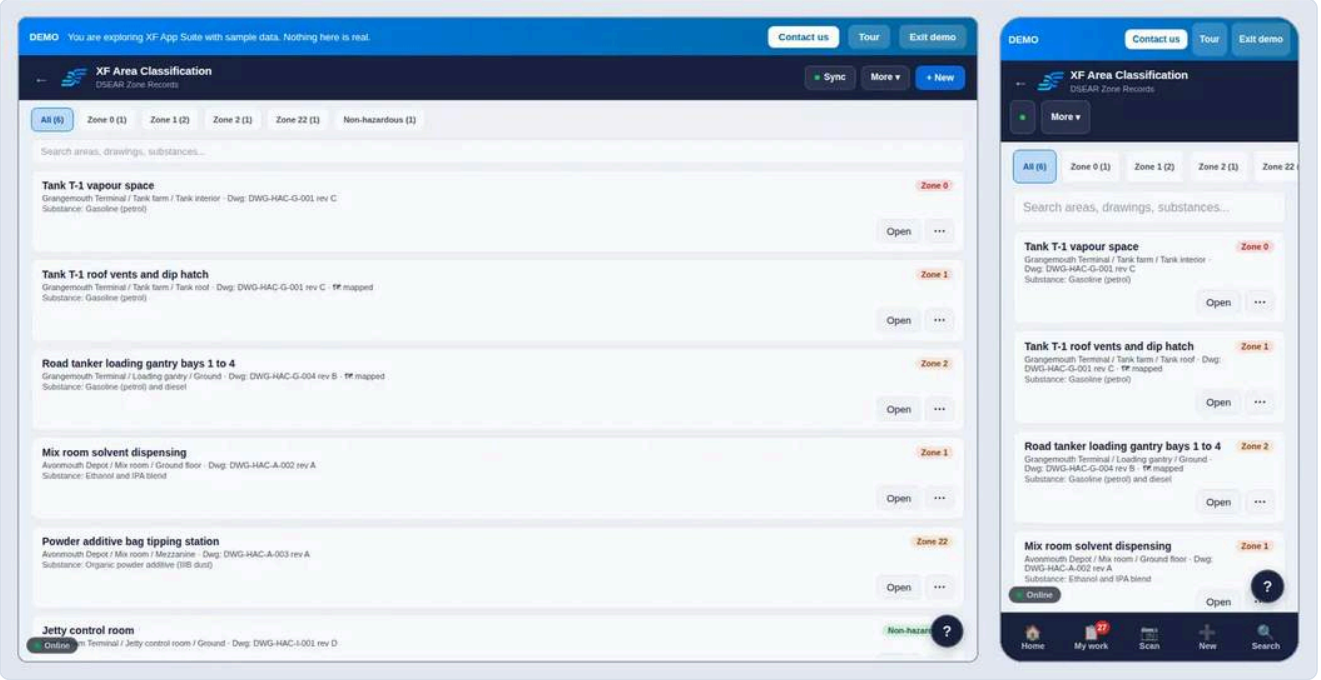
A descriptive system document

XF Area Classification

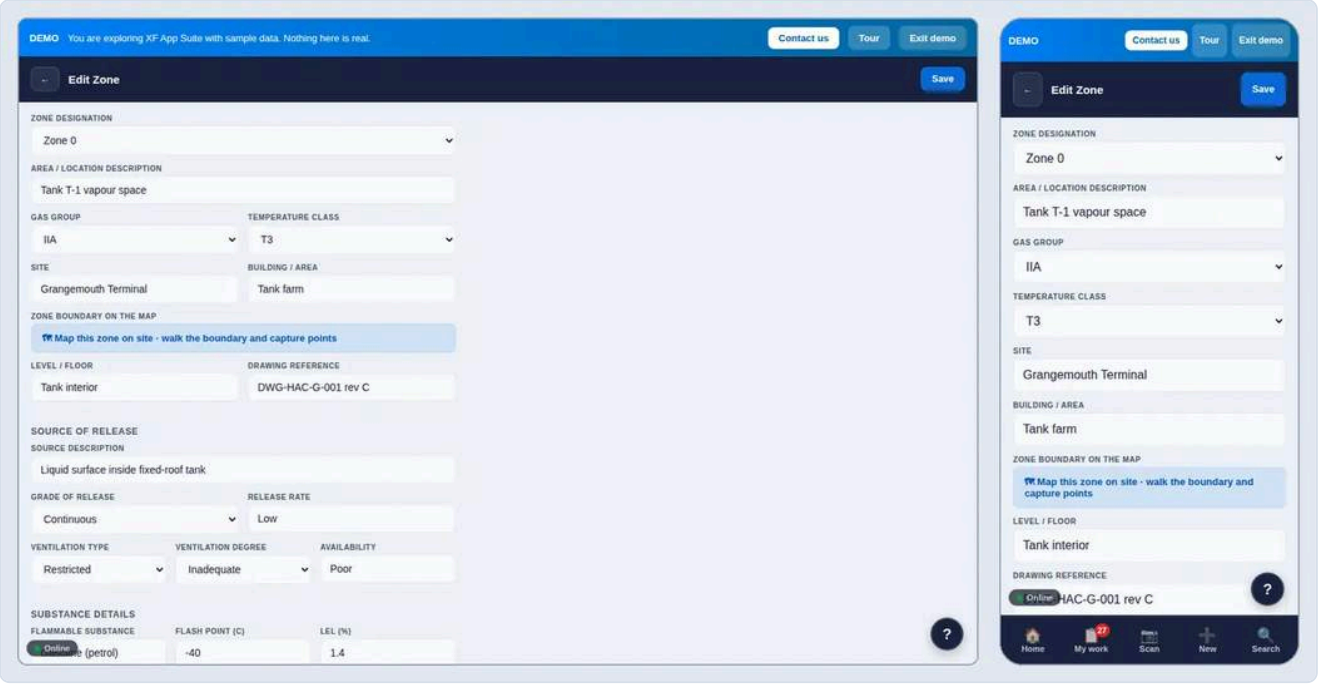
Zone records with source of release, grade, ventilation, extent and drawing reference.

1. Choose **+ New**, pick the zone and describe the area.
2. Enter gas group, temperature class and the source of release (grade, release rate, ventilation type and availability).
3. Use **Map this zone on site** to walk the boundary and capture it on the map.
4. Use **Calculate zone type and extent** under Source of Release, following IEC 60079-10-1: - enter the hole area, pressure, temperature and substance (or pick a preset such as methane or propane); the release rate shows as you type, choked or subsonic for a gas, or the liquid rate; enter a vapour release rate instead where it has been worked out; - the release characteristic Wg / (ρg·k·LFL) shows next; read the degree of dilution from Figure C.1 with your ventilation velocity and choose it; - the zone type follows from Table D.1 with the grade of release and availability of ventilation; - enter the hazardous distance you read from Figure D.1 and choose **Use my location** at the source of release; - **Record the result** keeps the zone type, release rate and distance on the record. The figures are advisory; the classification is still checked and signed by a competent person.

Overview (in **More**) shows every mapped zone on one map, with each extent as a dashed circle round its source. ⬇ on any zone map saves the area in view for offline use (see Offline maps).



Zones by site



A zone record

XF Site Plans

Your site drawings, with register assets pinned where they are, zone outlines and zone extents.

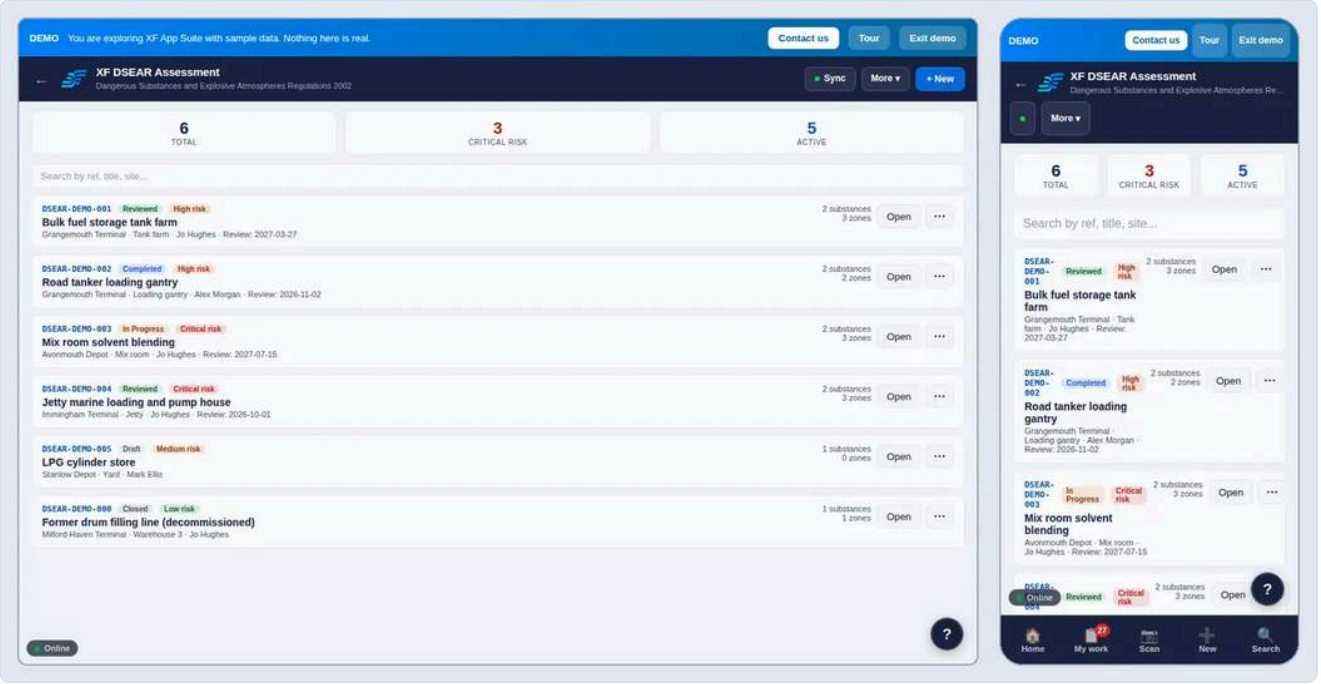
1. Choose **+ New**, give the plan a title, site and drawing reference, then **Add the plan** (an image, or a PDF whose first page is the plan).
2. **Open the plan**. Choose 📏 **Scale**, tap two points a known distance apart, enter the distance and **Set scale**.
3. 📍 **Assets**: choose an asset and tap where it is. Pins are green, amber (due within 30 days) or red (overdue) by next inspection, and ringed red when the asset is not suitable for the zone outline it sits in. Drag a pin to move it.
4. ⬠ **Zones**: link the outline to a zone record (or choose the zone), tap its corners and **Finish zone**.
5. ◎ **Extents**: choose a zone record with a hazardous distance and tap the source of release. The circle is drawn to the plan's scale.
6. **Done**, then **Save**. Tap a pin for its details and a link to the asset.

Offline maps

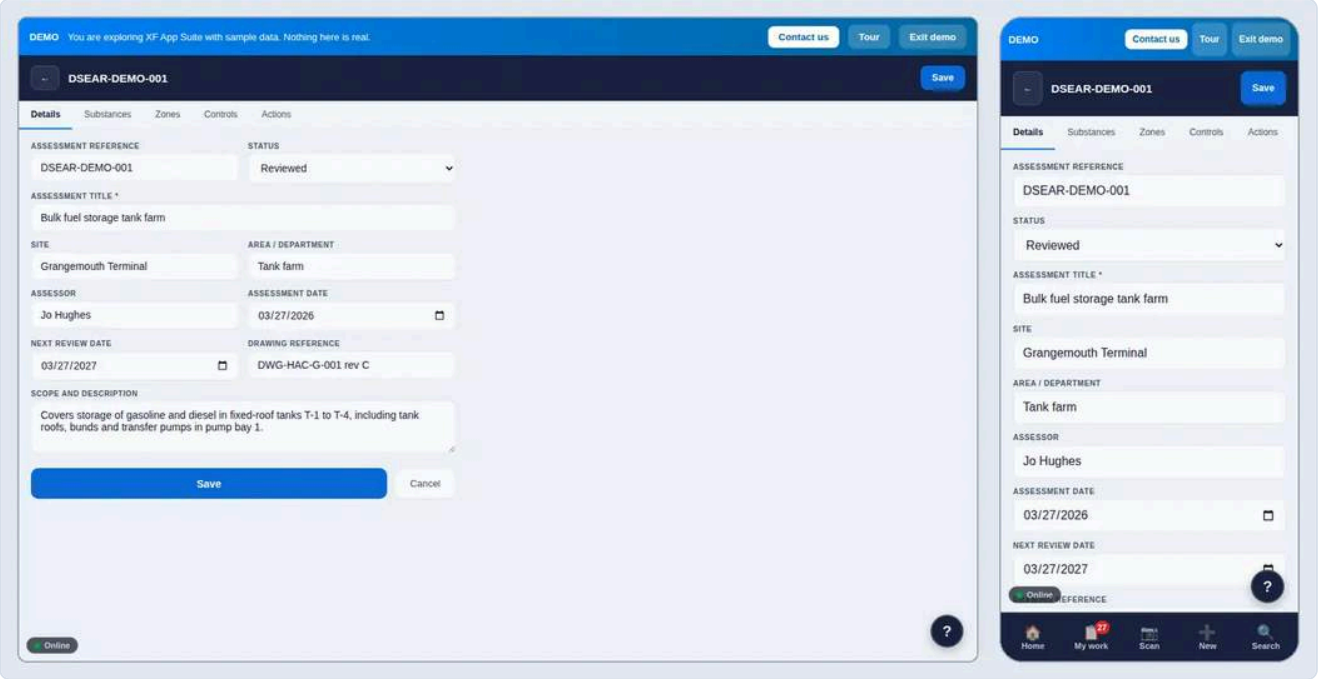
Map tiles you have looked at are kept on the device. Before going to a site with no signal, open the zone map, frame the area and press ⇩: it saves that area from two zoom levels further out to three closer, for both basemaps, and keeps it for 30 days. The installed app is needed for this.

XF DSEAR Assessment

Structured assessments under the Dangerous Substances and Explosive Atmospheres Regulations 2002, with tabs for **Details**, **Substances**, **Zones**, **Controls** and **Actions**. The tiles show total, critical risk and active assessments.



DSEAR assessments



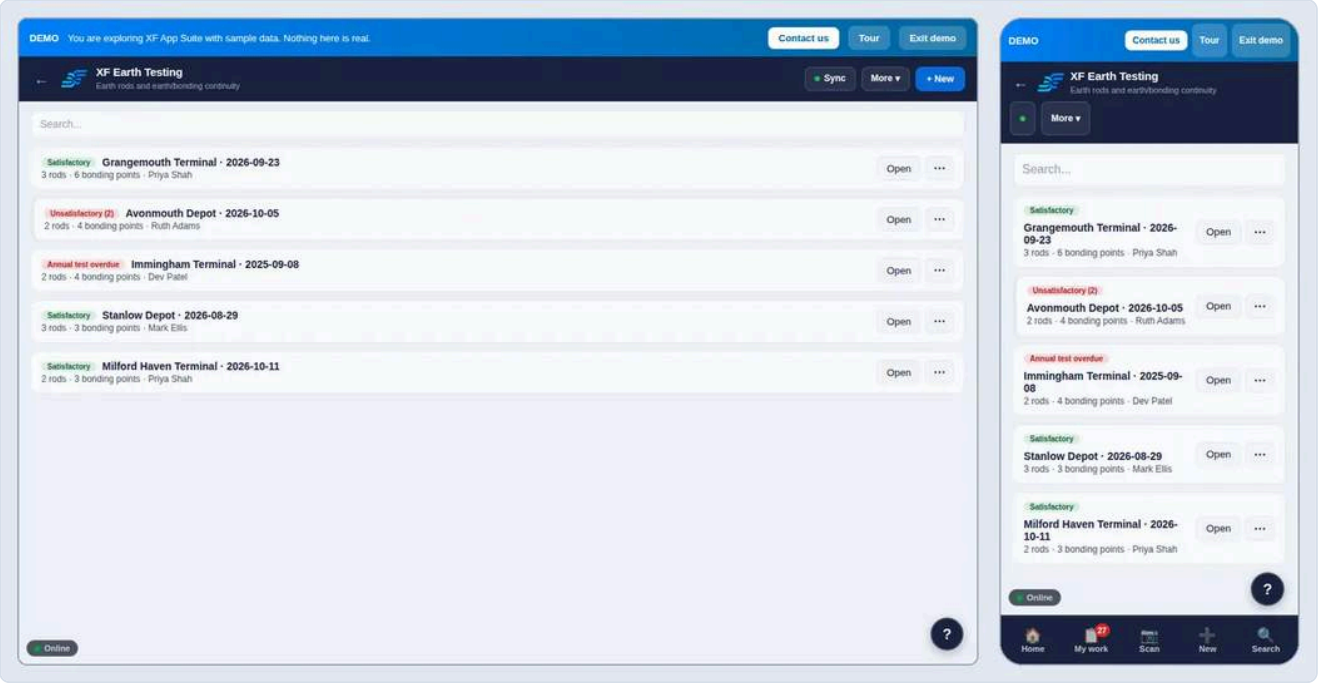
An assessment

XF Earth Testing

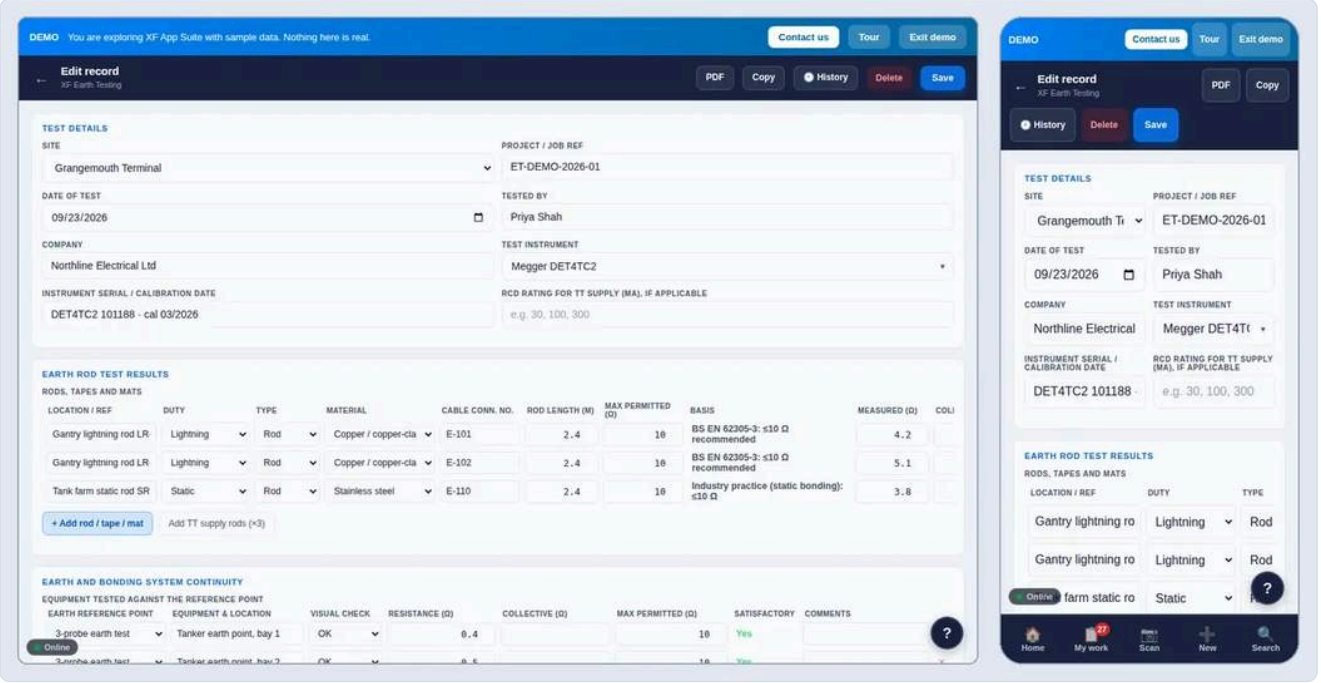
Earth rod and bonding continuity tests for hazardous area plant.

1. Choose **+ New**, set the site, date, tester and instrument.
2. Add each rod or tape with its measured resistance; the app works out the result against the limit.
3. Add bonding continuity readings. Unsatisfactory results are flagged and the next test dates are set.
4. For tanker loading and drum filling, use **Add tanker and drum checks** under **Static bonding**: clamp to earth point, clamp jaw to the vehicle or container, drum or IBC to earth, filling lance to earth (10 Ω each), hose assembly end to end (1 MΩ), clamp and reel condition, and whether the earth

verification interlock stops the transfer. Defaults follow IEC TS 60079-32-1; a stricter site value takes precedence.



Tests by site, with unsatisfactory results flagged



A test record with rod and bonding results

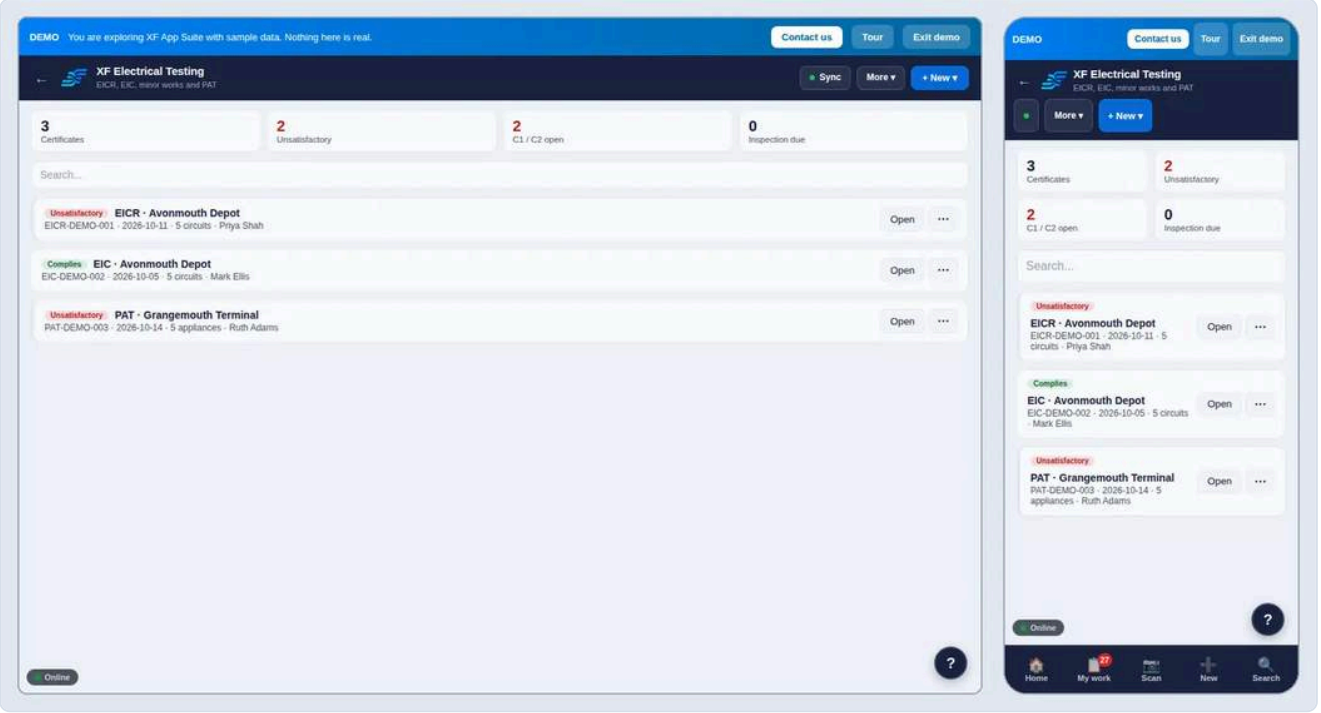
XF Electrical Testing

Certificates for non-hazardous electrical installations and appliances: EICR (periodic inspection), EIC (new work), Minor Works and PAT. Open it from 🔌 **Electrical tests** in the Inspection Tool, from the app list, or from 🔌 **Test and certify** in Electrical Design.

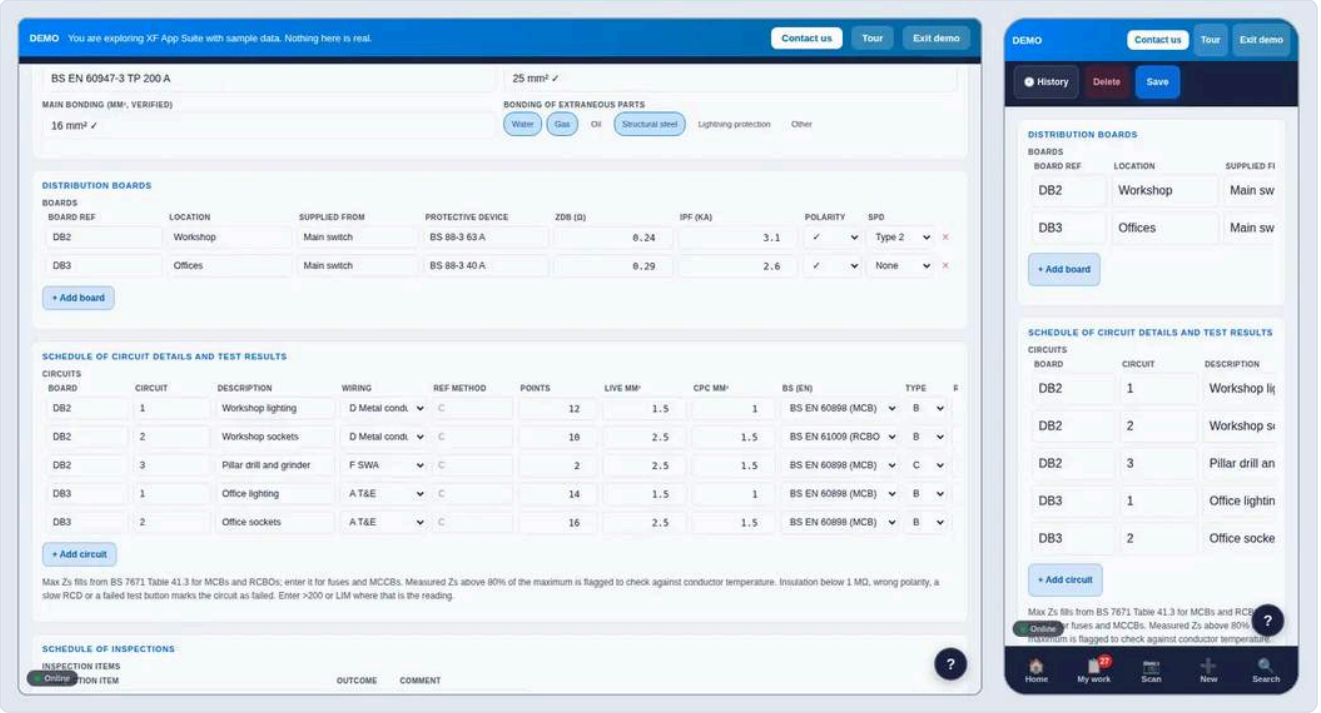
1. Choose **+ New** and pick the certificate type.

2. Fill the client, address, premises type, supply details and the instrument used. The premises type sets the recommended next inspection date.
3. Add boards and circuits, or choose **Fill from design** to copy the supply, boards and circuits from an Electrical Design.
4. Enter the test results for each circuit (Zs, insulation resistance, polarity, RCD times, ring continuity). Each line is checked as you type: Zs above the BS 7671 maximum fails, and above 80% of it is flagged for a check against conductor temperature.
5. Complete the schedule of inspections and add observations with codes C1, C2, C3 or FI. Any C1, C2 or FI makes an EICR **Unsatisfactory**.
6. For PAT, list each appliance with its class, earth continuity and insulation resistance.
7. **Print** produces the certificate. Unsatisfactory results raise an action in the Action Tracker automatically.

The tiles at the top show the number of certificates, how many are unsatisfactory, open C1 and C2 codes, and inspections falling due.



Electrical certificates



Entering circuit test results

Electrical Installation Condition Report

BS 7671:2018+A2:2022 periodic inspection and testing

EICR-DEMO-001 · Avonmouth Depot · 2026-10-11

XF Solutions
Mission Focused Results

Overall assessment: Unsatisfactory

DETAILS

CERTIFICATE NO. EICR-DEMO-001	SITE Avonmouth Depot
CLIENT XF Demo Ltd	ADDRESS Avonmouth Depot, workshop and offices
DATE 2026-10-11	INSPECTOR Priya Shah
COMPANY Northline Electrical Ltd	SCHEME NICEIC D-123456
INSTRUMENT Megger MFT1741+ · MFT1741 202214 · cal 02/2026	

PURPOSE, EXTENT AND LIMITATIONS

PURPOSE Periodic inspection	PREMISES Industrial
AGE OF WIRING 18 years	ALTERATIONS Yes
RECORDS AVAILABLE Yes	EXTENT Workshop DB2 and office DB3, all final circuits.
LIMITATIONS Ceiling voids above the office not accessed. Fixed wiring in the compressor house covered by the hazardous area inspection.	

SUPPLY CHARACTERISTICS AND EARTHING

EARTHING TN-C-S	LIVE CONDUCTORS 3-phase, 4-wire
U0 230 V	PFC 4.2 kA
ZE 0.18 Ω	SUPPLY DEVICE BS 88-3 200 A
MEANS OF EARTHING Distributor's facility	MAIN SWITCH BS EN 60947-3 TP 200 A
EARTHING CONDUCTOR 25 mm² ✓	MAIN BONDING 16 mm² ✓
BONDED TO Water, Gas, Structural steel	

DISTRIBUTION BOARDS

BOARD	LOCATION	SUPPLIED FROM	DEVICE	ZDB Ω	IPF KA	POLARITY	SPD
DB2	Workshop	Main switch	BS 88-3 63 A	0.24	3.1	✓	Type 2
DB3	Offices	Main switch	BS 88-3 40 A	0.29	2.6	✓	None

SCHEDULE OF TEST RESULTS

DB	CCT	DESCRIPTION	LIVE	CPC	DEVICE	MAX ZS	RCD	R1+R2	IR L-L/L-E	POL.	ZS	RCD MS	CHECK
DB2	1	Workshop lighting	1.5	1	BS EN 60898 B 10 A	4.37		0.78	>200 / >200	✓	1.02		✓
DB2	2	Workshop sockets	2.5	1.5	BS EN 61009 B 32 A	1.37	A 30 mA	0.28	>200 / >200	✓	0.52	24	✓
DB2	3	Pillar drill and grinder	2.5	1.5	BS EN 60898 C 16 A	1.37		0.35	>200 / 0.6	✓	0.59		✗ Insulation L-E 0.6 MΩ below 1 MΩ
DB3	1	Office lighting	1.5	1	BS EN 60898 B 6 A	7.28		1.10	>200 / >200	✓	1.39		✓
DB3	2	Office sockets	2.5	1.5	BS EN 60898 B 32 A	1.37		0.37	>200 / >200	✓	0.66		! Ring r1 0.55 and rn 0.71 differ by more than 0.05 Ω: check for an interconnection

SCHEDULE OF INSPECTIONS

ITEM	OUTCOME	COMMENT
3.3 Main protective bonding conductors: size, connections and labelling	✓	
4.6 RCD quarterly test notice; alternative supply and mixed-wiring warning notices	C3	Mixed wiring colours notice missing at DB3
5.8 Additional protection by 30 mA RCD for sockets and mobile equipment outdoors	C2	Office sockets DB3/2 not RCD protected
5.3 Condition of insulation of live parts and cable sheaths	C2	DB2/3 insulation L-E 0.6 MΩ

OBSERVATIONS AND RECOMMENDATIONS

REF	OBSERVATION	LOCATION	CODE	RECOMMENDATION
5.8	Office socket circuit DB3/2 has no 30 mA RCD additional protection	Offices, DB3	C2	Replace the MCB with a 30 mA RCBO
5.3	Low insulation resistance L-E on the pillar drill circuit (0.6 MΩ)	Workshop, DB2/3	C2	Isolate, trace the fault (suspect the drill flex) and retest
5.7	Office ring end-to-end r1 and rn differ by 0.16 Ω	DB3/2	FI	Check for a loose connection or an interconnection
4.6	Mixed wiring colours warning notice missing	DB3	C3	Fit the notice

C1 Danger present. Risk of injury. Immediate remedial action required · **C2** Potentially dangerous. Urgent remedial action required · **C3** Improvement recommended · **FI** Further investigation required without delay

GENERAL CONDITION

Generally fair for its age. Two C2 items and one further investigation make the report unsatisfactory until remedied.

Next inspection recommended no later than: 2029-10-10

Prepared in XF App Suite on the structure of the BS 7671 Appendix 6 model forms. The inspector named is responsible for the inspection, the test results, the classification codes and the outcome.

INSPECTED AND TESTED BY: PRIYA SHAH

Signature

Produced by XF App Suite on 17 October 2026 at 20:48 · Alex Morgan. All record changes are held in a tamper-evident audit log.

A printed EICR

3. Control of work

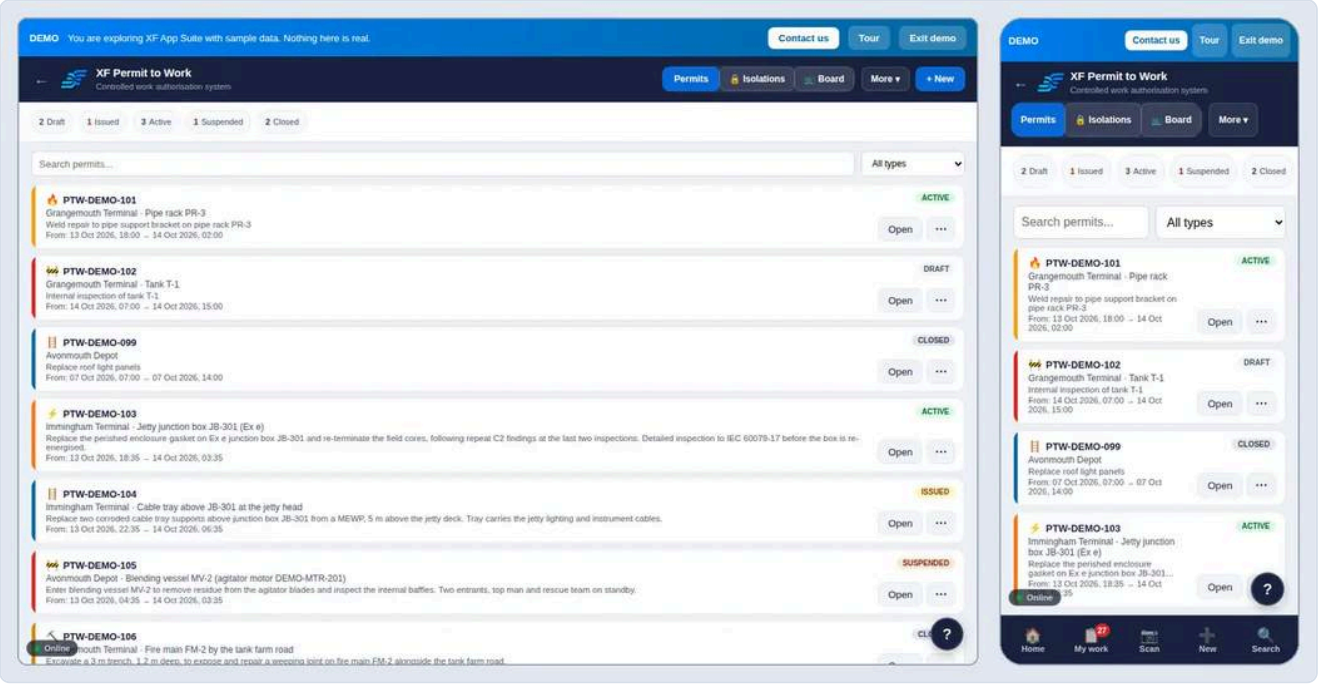
XF Permit to Work

Digital permits for hot work, confined space, electrical isolation, working at height, excavation, cold work and more.

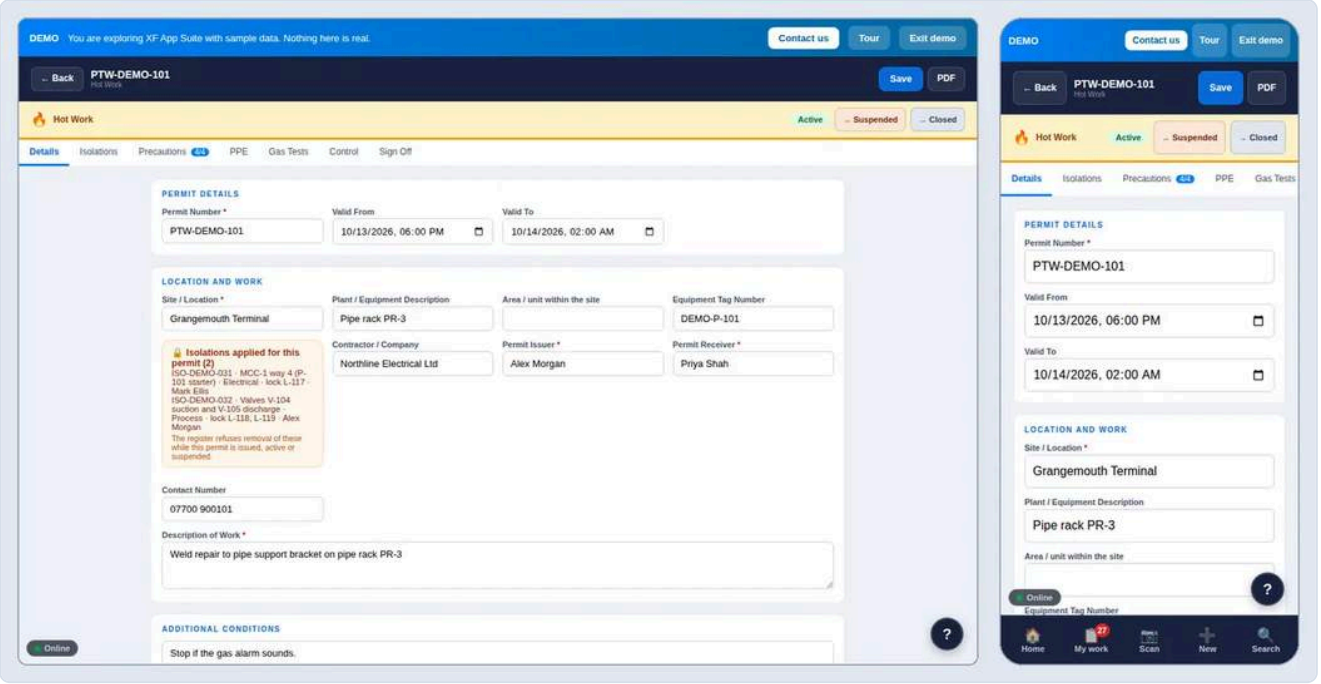
Raise and issue a permit

1. Choose **+ New** and pick the permit type.
2. On **Details**, enter the validity, location, equipment, contractor, issuer and receiver, and describe the work.
3. Work through **Isolations**, **Precautions**, **PPE** and **Gas Tests**.
4. On **Sign Off**, the issuer and receiver sign on screen. The status changes to *Active*.

While the work is live: use **Suspended** at the top to pause the permit (for example at the end of a shift) and **Active** to reinstate it. When the work is finished, the receiver hands back and the issuer signs to close it. Permits past their end time show *Expired*.



Permits by status



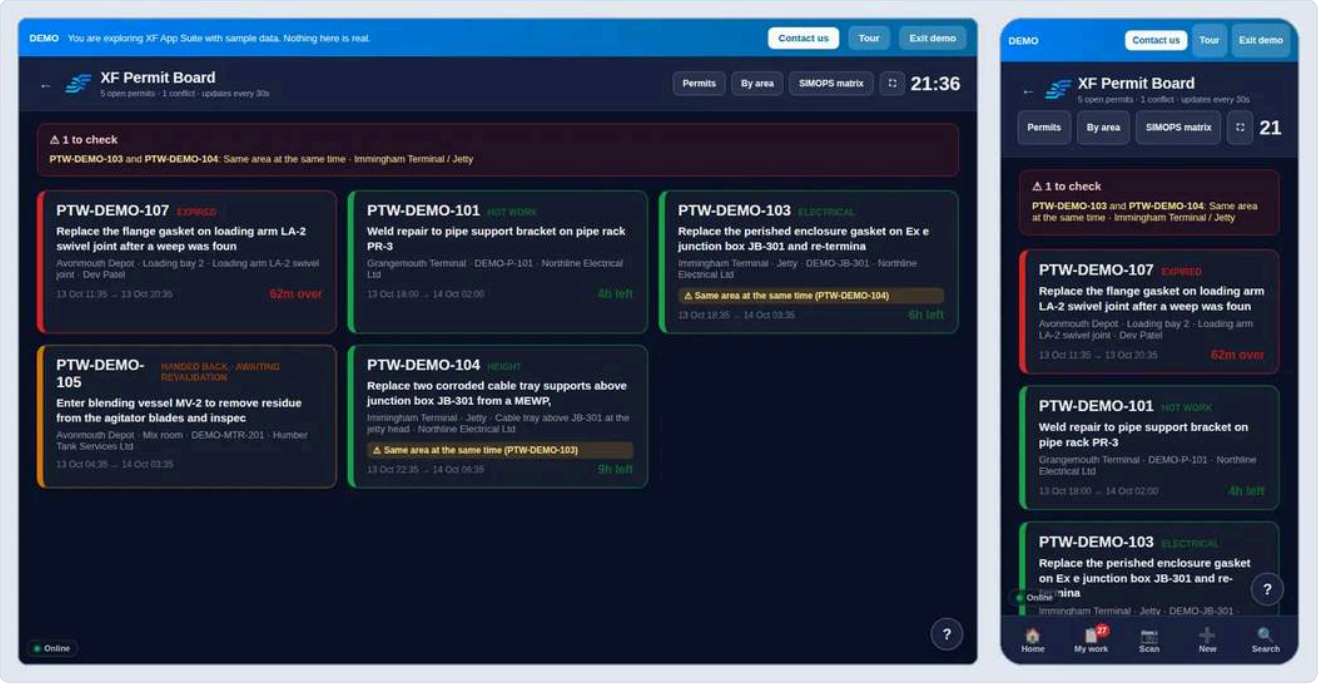
A live hot work permit

Training gate: an administrator can switch on **Training and Competence > Training gate for permits to work**. A permit is then issued or made active only when the permit holder has in-date training for the work type in the training register (for example *Hot work* for hot work, *Confined space* for confined space entry); it warns or blocks, as chosen. The check shows under the permit holder on the permit.

Spot checks: on an issued or active permit, open **Spot checks** and **Start a spot check** at the work location. Answer the twelve questions Yes, No or N/A; the score is the Yes answers over Yes and No. Saving adds it to the permit and raises an action for each question not met. Save the permit to keep it. The permit list shows the average score for the last 90 days by site and by contractor.

Permit board

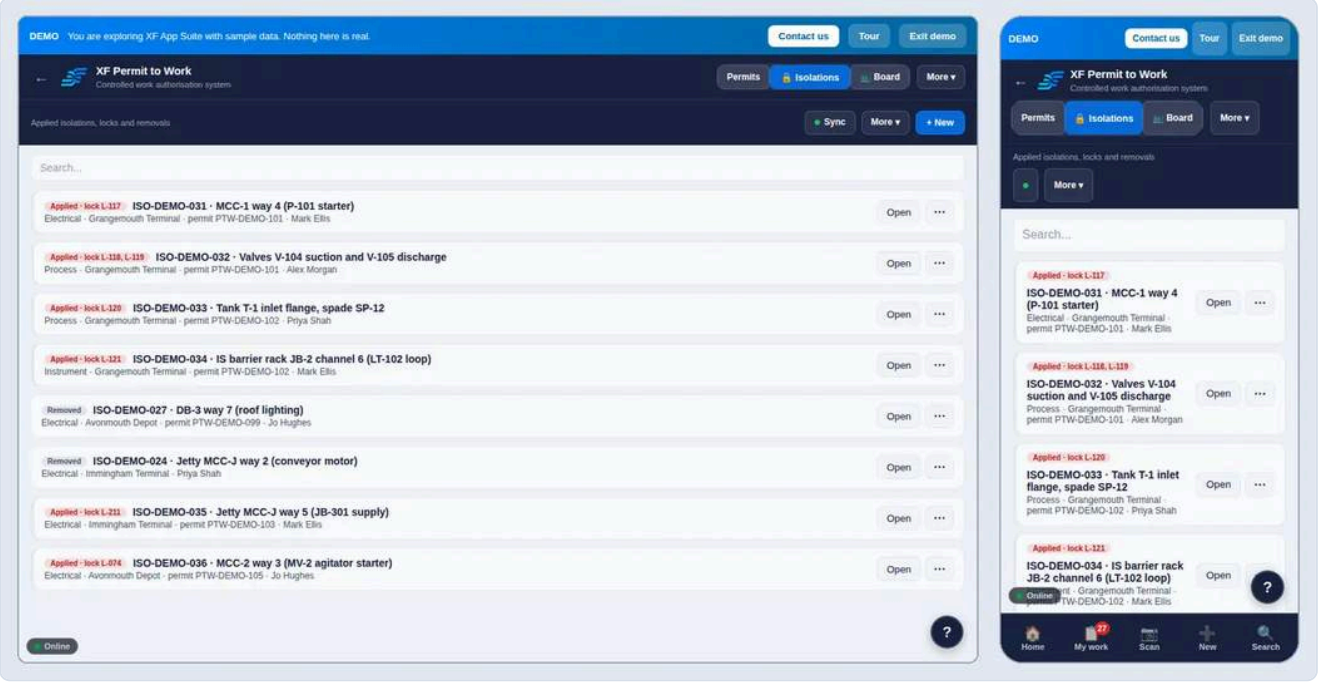
The board shows every live permit on one screen for a control room display, refreshing every 30 seconds. **SIMOPS matrix** and the *To check* banner flag conflicting work in the same area at the same time.



The live permit board

Isolations

Isolations sit on the **Isolations** tab in Permit to Work. Each records the isolation point, method, lock number, who applied and proved it, and the linked permit. An isolation cannot be removed while the permit it protects is still live.

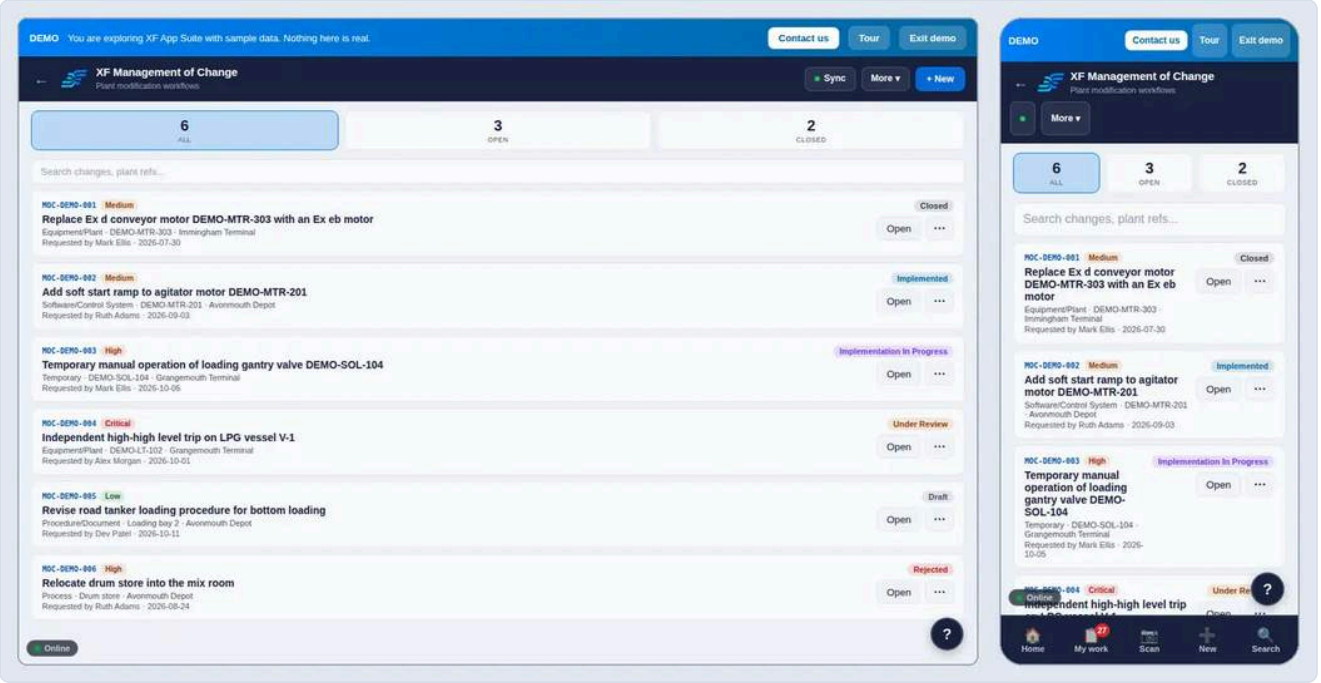


The isolation register

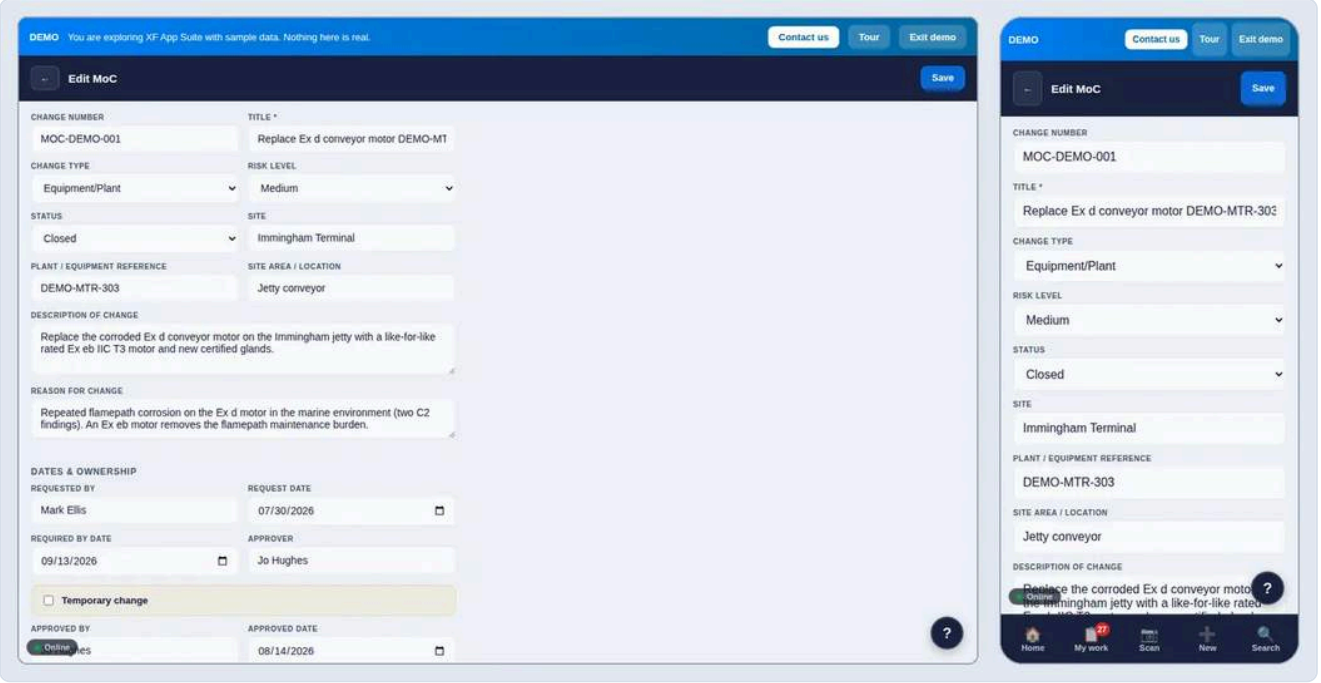
XF Management of Change

1. Choose **+ New**, describe the change, the reason and the plant affected, and set the risk level.
2. Tick **Temporary change** if it must be reverted, and set the revert-by date.

3. Move it through *Under Review*, *Approved*, *Implementation In Progress*, *Implemented* and *Closed*. Linked actions must be finished before close-out.



Changes by status



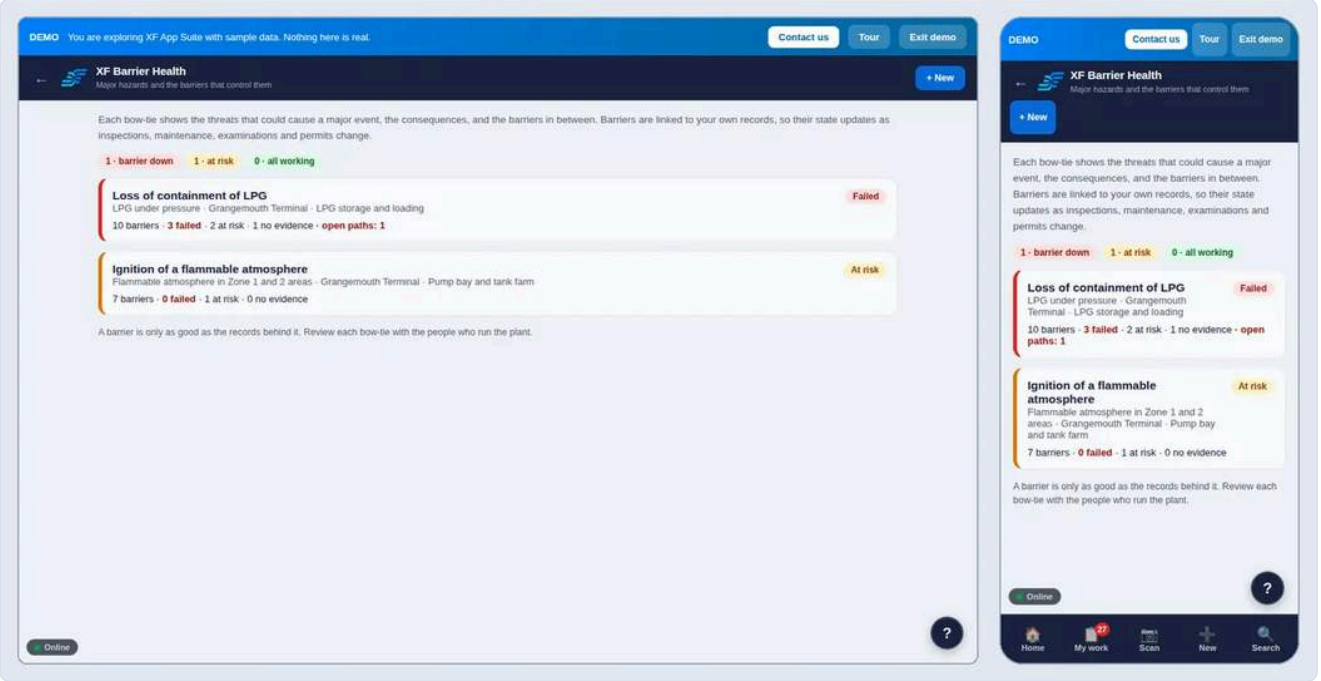
A change record

4. Process safety

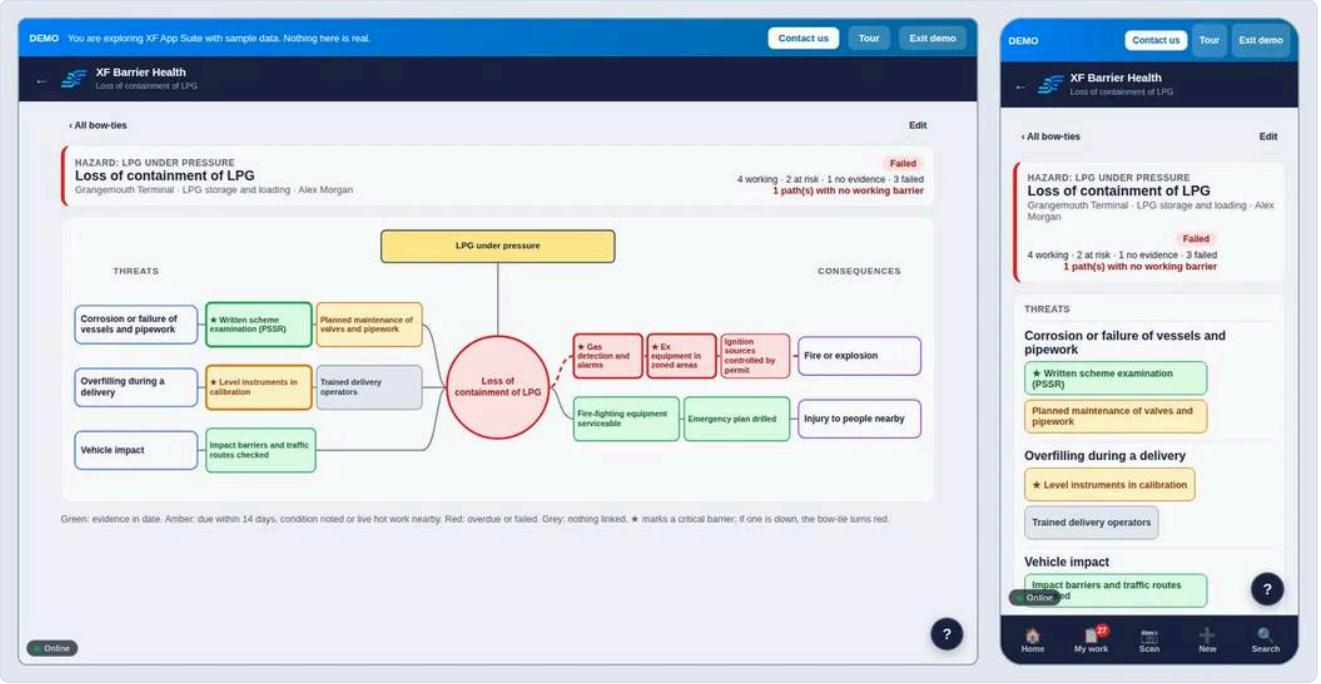
XF Barrier Health

Bow-ties for major hazards, with each barrier's state worked out live from your records.

1. Choose **+ New** and start from a template or blank.
2. Add threats, consequences and the barriers between them. Link each barrier to its evidence: Ex inspections, PPM tasks, gas detector tests, LEV examinations, permits or safety functions.
3. Open a bow-tie to see each barrier as *working*, *at risk*, *failed* or *no evidence*, and any open path where every barrier on a line is down.
4. Open a barrier to see the records behind it. The buttons at the top filter them by *failed*, *at risk* and *working*; tap a record to open it in its own app. **Link records** suggests registers from the barrier's name (gas detection for "Gas detection and alarms", training for an operator barrier and so on): search, tick the records that make up the barrier and **Link the ticked records**, or **Link every match** for the words typed. A link with no words takes every record at the bow-tie's site, and says how many, so a barrier is not swamped by the whole register.



Every bow-tie and its live state



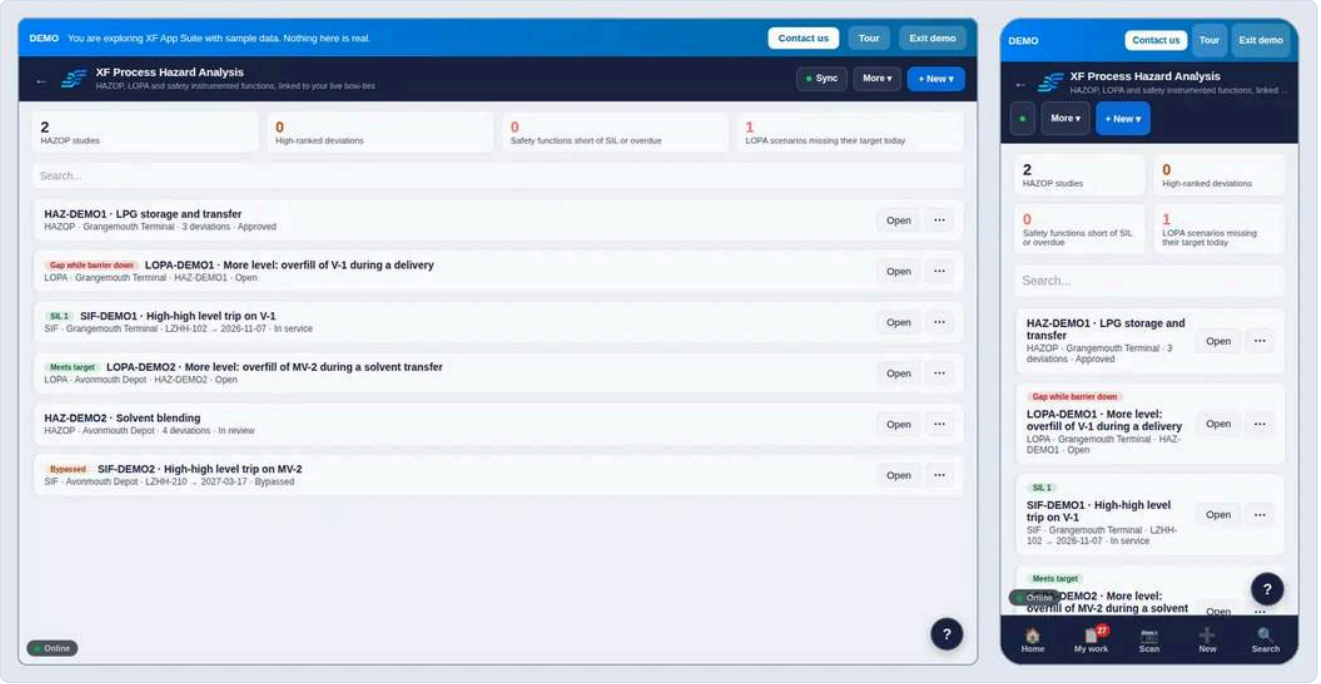
One bow-tie, showing failed barriers

XF Process Hazard Analysis

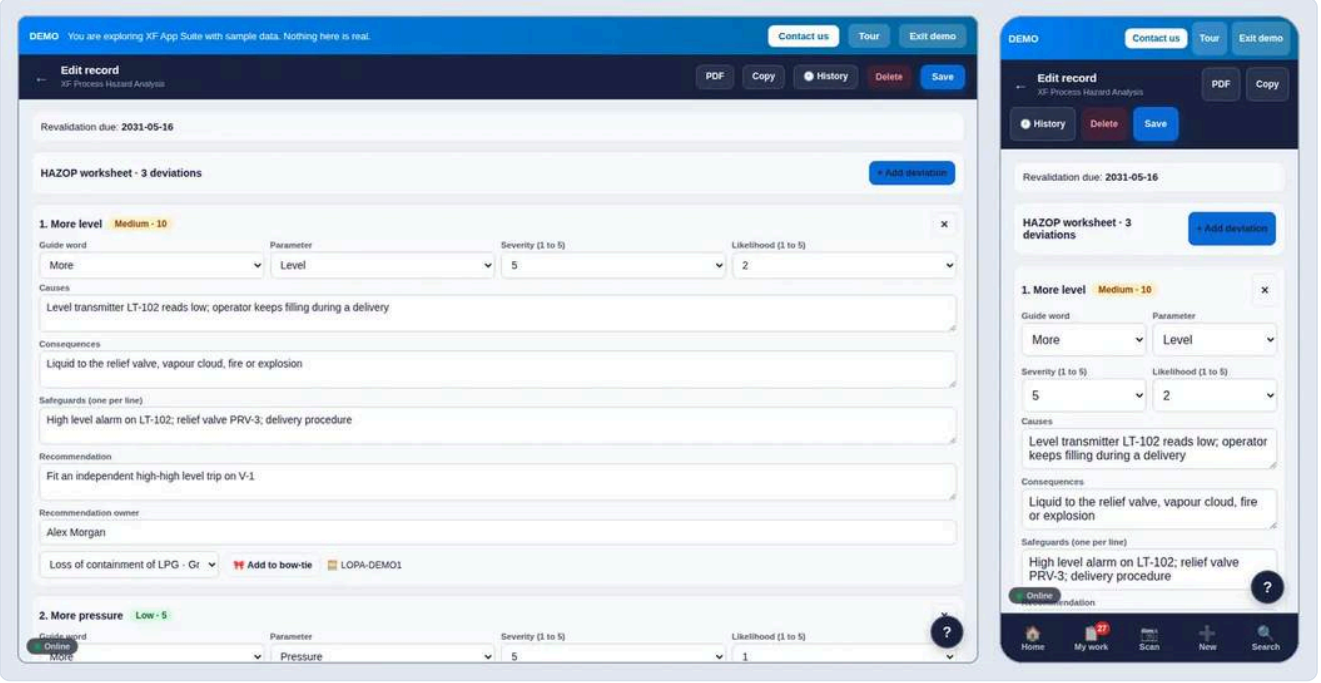
Three record types from **+ New**:

- **HAZOP.** For each node, add deviations by guideword and parameter with causes, consequences, safeguards, severity, likelihood and recommendations. **AI suggestions** proposes rows to accept or ignore. **Add to bow-tie** and **Start a LOPA** carry a row forward.
- **LOPA.** Enter the initiating event and frequency, conditional modifiers and each independent protection layer with its probability of failure on demand. The result shows the mitigated frequency against your target, both as designed and on today's live barriers.
- **Safety function.** Sensors, logic solver and final elements with voting and failure rates give the PFD and achieved SIL, with proof test interval and next test date.
- **Equipment.** Pick the function's sensors, logic solver and final elements from the Equipment Register. Each shows its live state (Ex inspection, calibration, OG86 for the logic solver), and the function and its bow-tie barrier take the state of the worst. **Behind this function** shows the LOPA, the HAZOP it came from and the bow-tie barriers it supports. After a version change on its logic solver, the function shows *Review after change* until someone marks it reviewed.
- **Proof test and audit. Proof test and audit** on the function (or **Inspection Tool > New > SIF proof test and audit**) inspects the whole function in one signed record: sensors (Ex inspection and calibration in date, trip point as found and as left, response), the logic solver (versions against the validated version and the OG86 checks), final elements (Ex inspection, stroke test, closure time against the required time, leak test) and the whole function (end-to-end trip as found and as left, response time against the process safety time, voting, bypasses, demands since the last test, and the procedure's steps). It cannot be saved until everything is answered. Saving adds it to the proof test history, sets the next test date, records the logic solver's OG86 review, raises an action for every finding and updates the bow-tie barrier; **Print or save PDF** gives the signed record.
- **Proof tests.** Under the subsystems, record the proof test procedure (reference, steps with what is expected, and the proof test coverage it achieves). Coverage below 100% leaves the failures the test cannot find to build up over the mission time (20 years unless you enter another), and the PFD

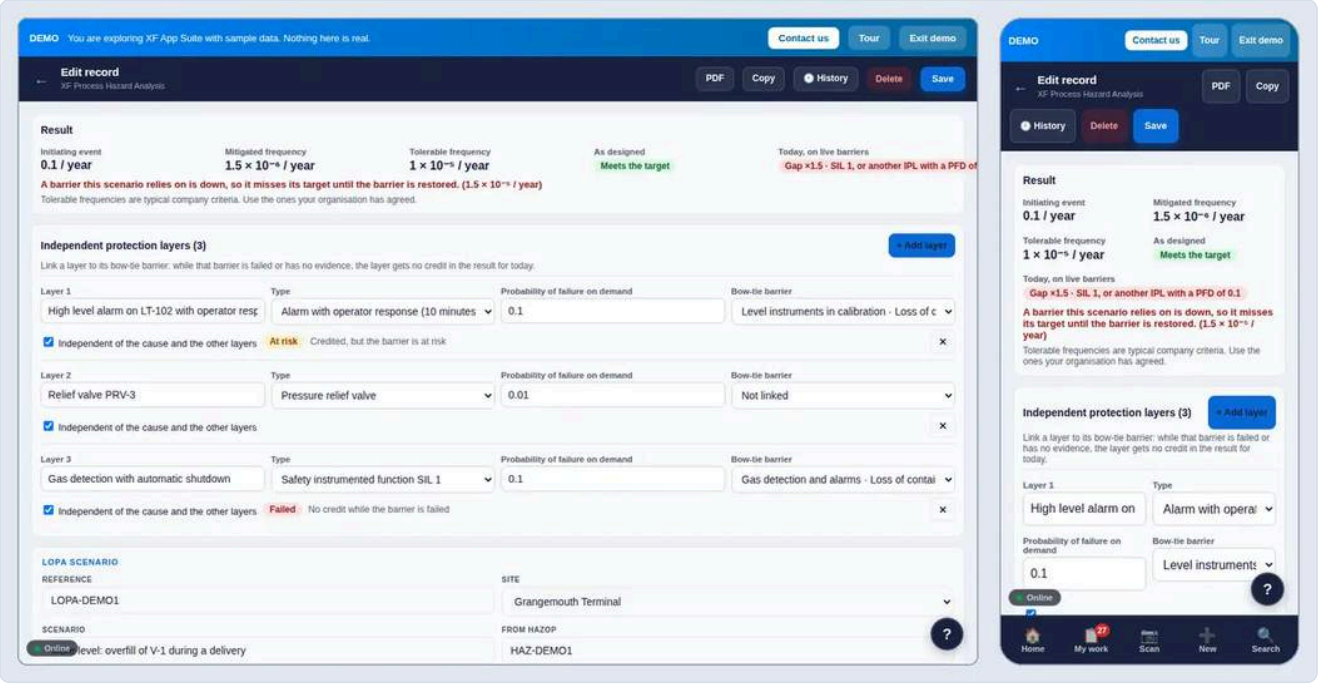
includes them; a subsystem's own coverage takes precedence. **Record a proof test** marks each step as found and as left: found failed but left working is *Pass with actions*, which raises an action to find the cause and check the failure rate; left failed is *Fail*. The history lists every test, and the latest sets the next due date.



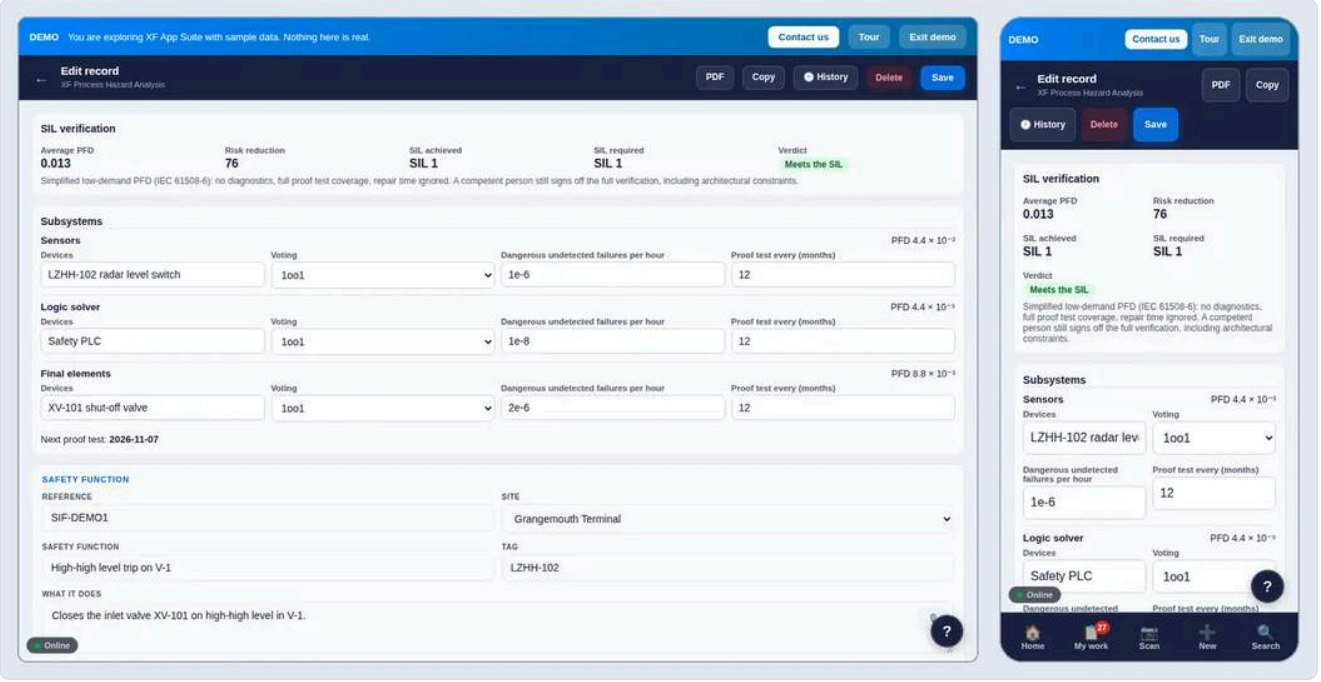
HAZOPs, LOPAs and safety functions



A HAZOP worksheet



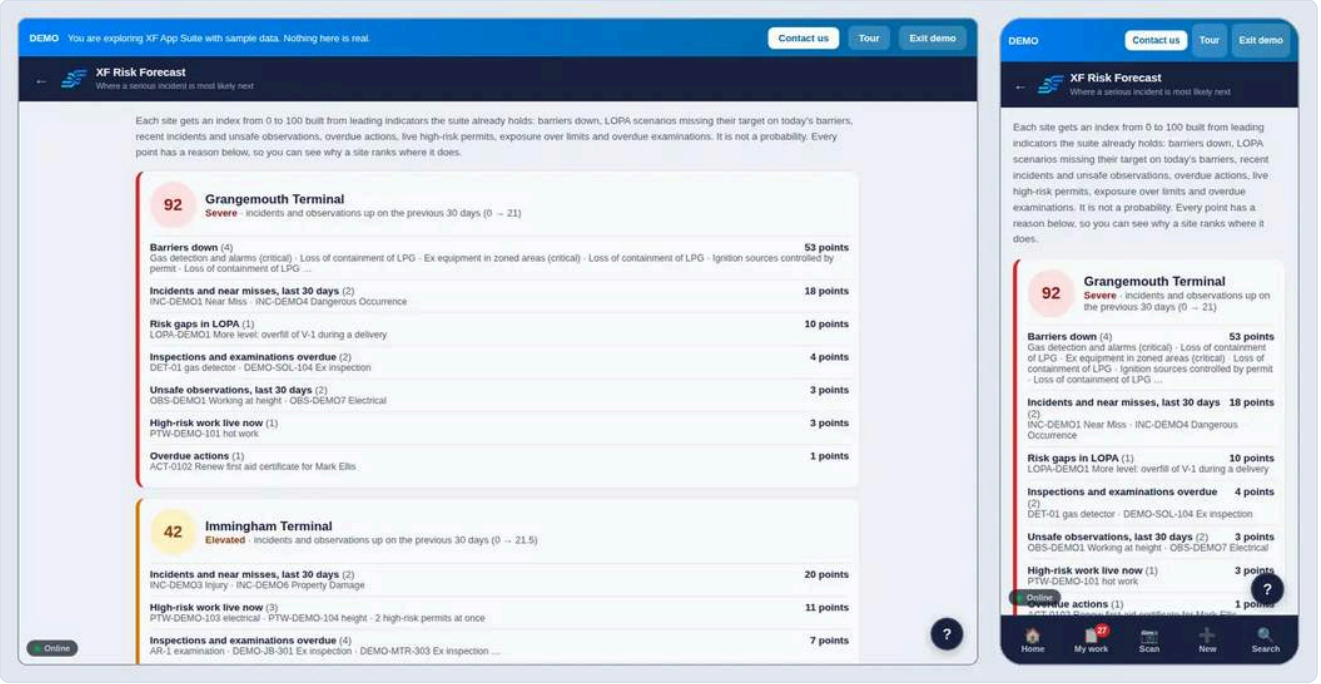
A LOPA, design against live



A safety function and its SIL

XF Risk Forecast

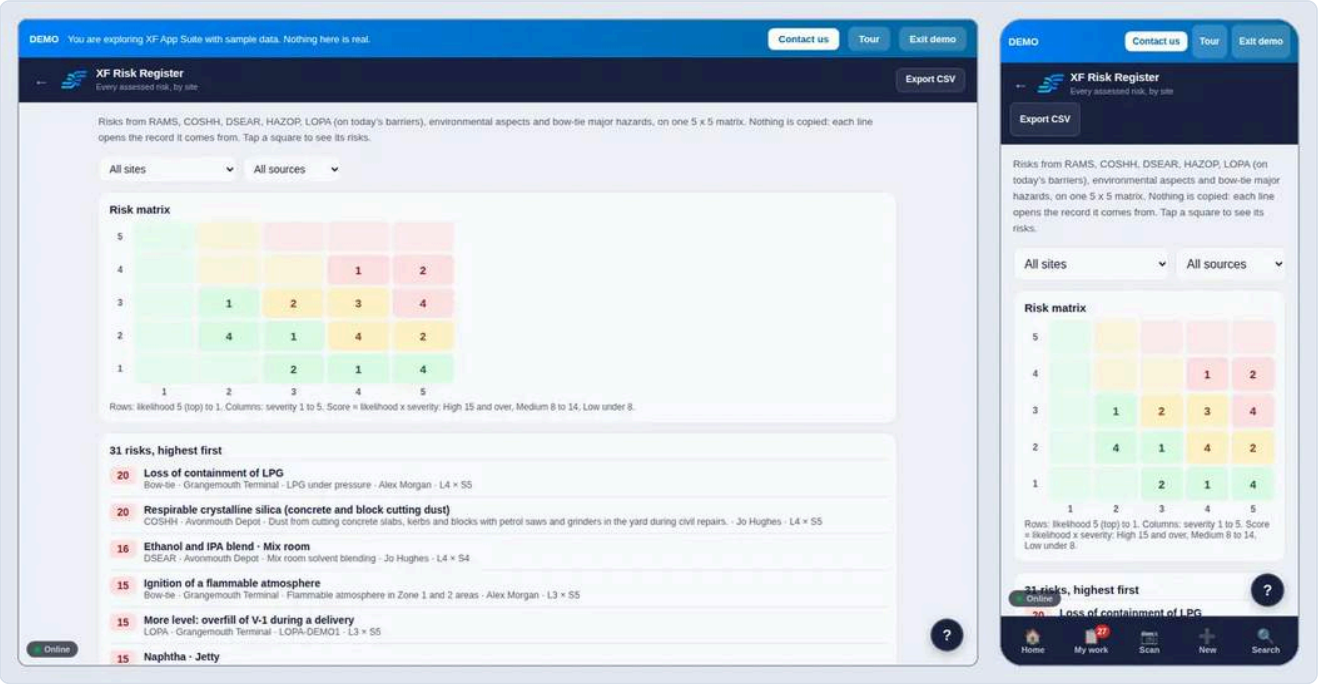
A 0 to 100 index per site of where a serious incident is most likely next, built from barriers down, LOPA gaps, safety functions, recent incidents and observations, overdue actions, live high-risk permits, exposure and environmental exceedances, and overdue examinations. Each driver links to the records behind it.



Sites ranked, with the reasons

XF Risk Register

Every assessed risk on one 5 × 5 matrix. Filter by site or source, tap a cell to list its risks, open a line to go to the record, and **Export CSV**.



The matrix and ranked list

5. Health and safety

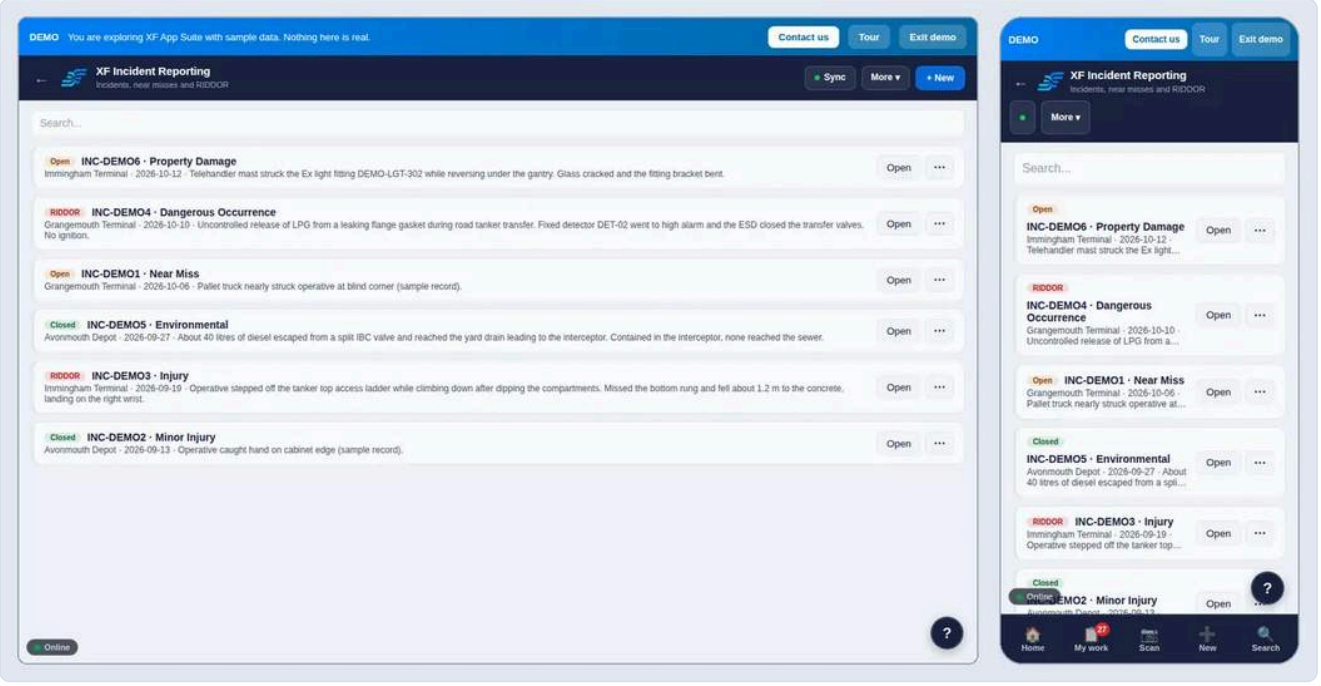
XF Incident Reporting

Report an incident

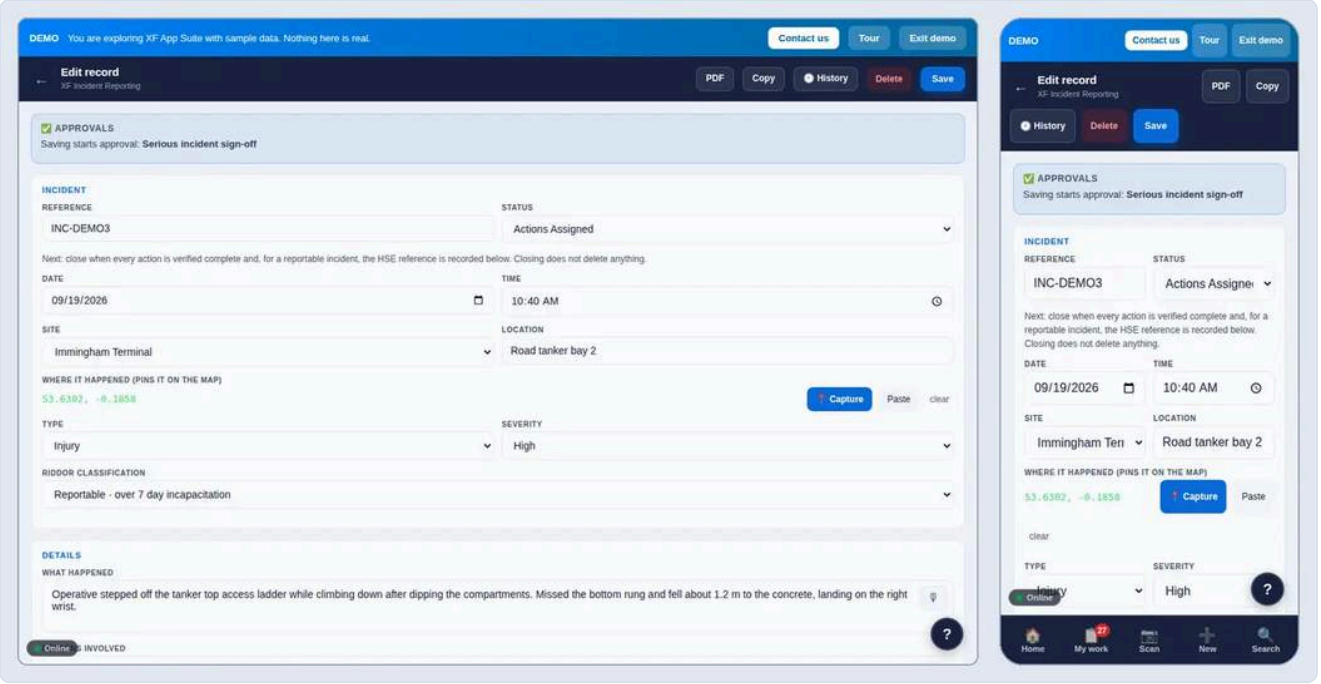
1. Choose **+ New**. Enter the date, time, site and location; **Capture** records where it happened.
2. Choose the type and severity and describe what happened. Add people involved, injuries, photos and witnesses.
3. Pick the RIDDOR classification. Reportable incidents build the HSE report.
4. Move through *Reported*, *Under Investigation*, *Actions Assigned* and *Closed*. Workflow approvals show at the top.

Investigate: the investigation section takes the root cause, contributing factors and actions. **AI** and the **root-cause assistant** can help (see Tailoring).

Possible repeats: when an incident is like others from the last two years (the same place, the same kind of accident or a similar description), a 🔁 **Possible repeat** box lists them with the reasons. Open one to see whether its actions worked before you close this one.



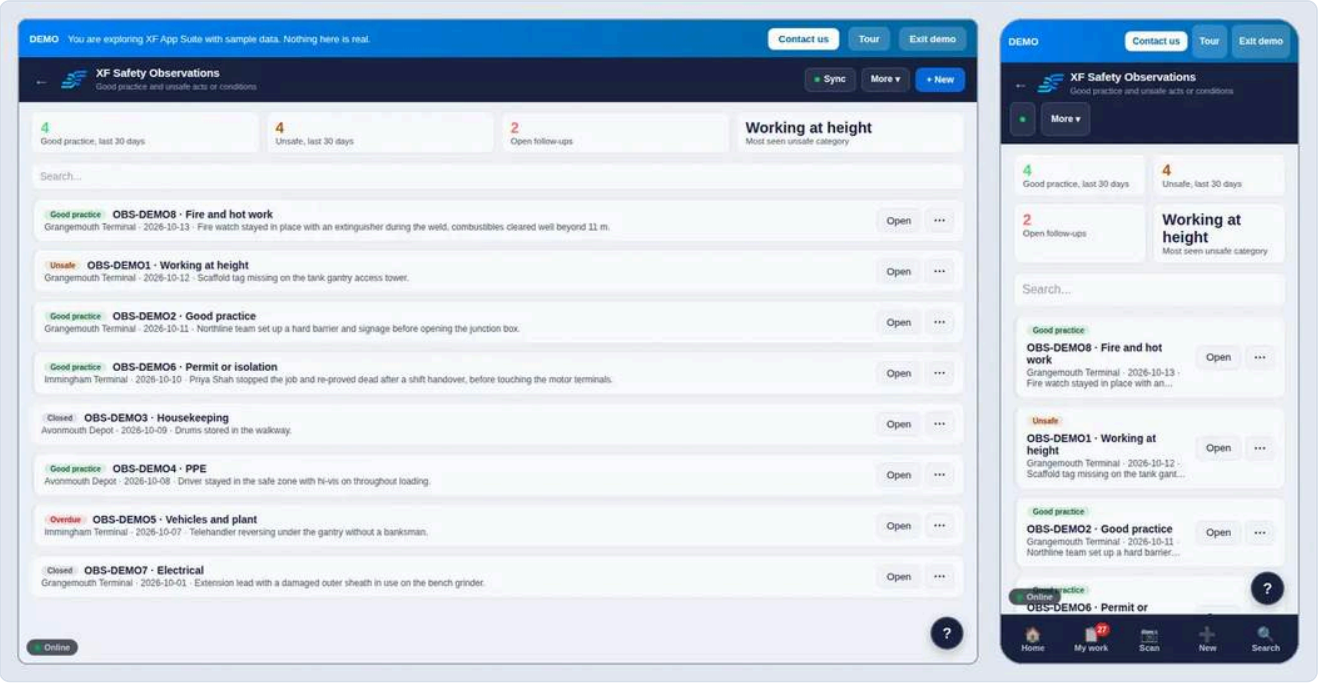
Incidents by status



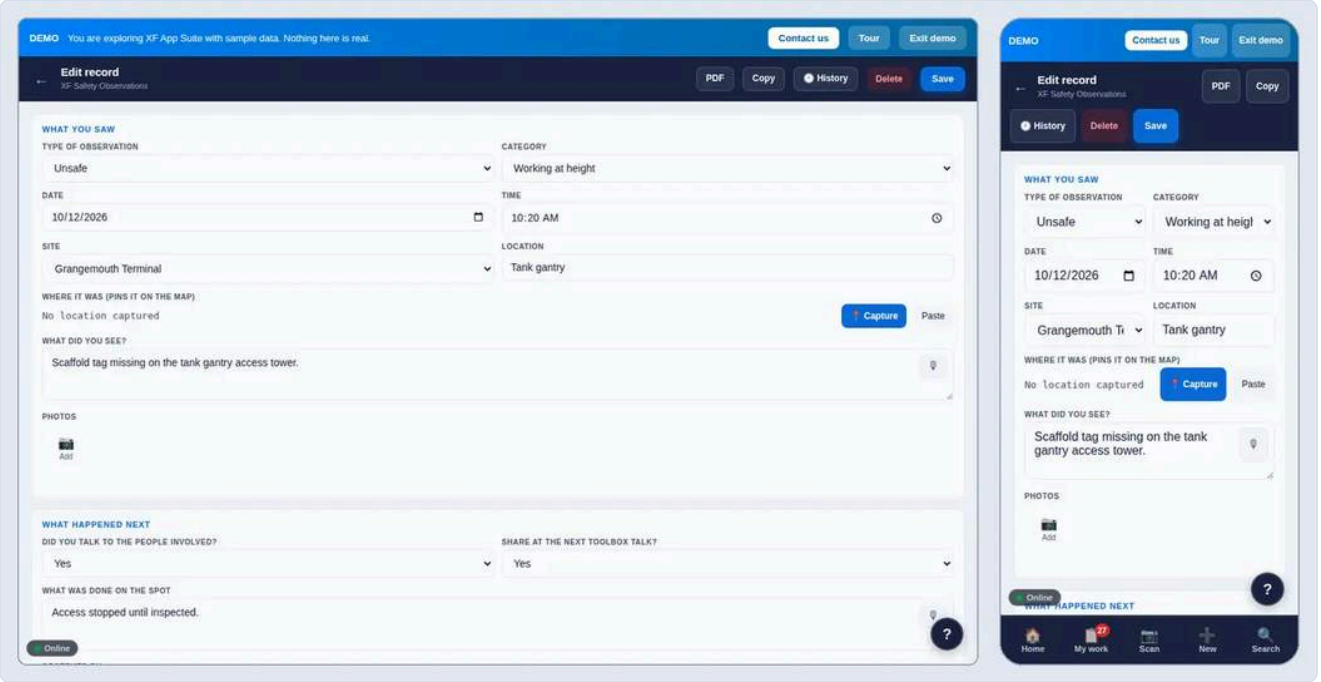
A RIDDOR over-7-day injury under investigation

XF Safety Observations

1. Choose **+ New**, or scan the site QR poster.
2. Pick *Good practice* or *Unsafe*, the category and the location, describe what you saw and add a photo.
3. Record what was done on the spot and whether to share it at the next toolbox talk.



Observations, with the most common category

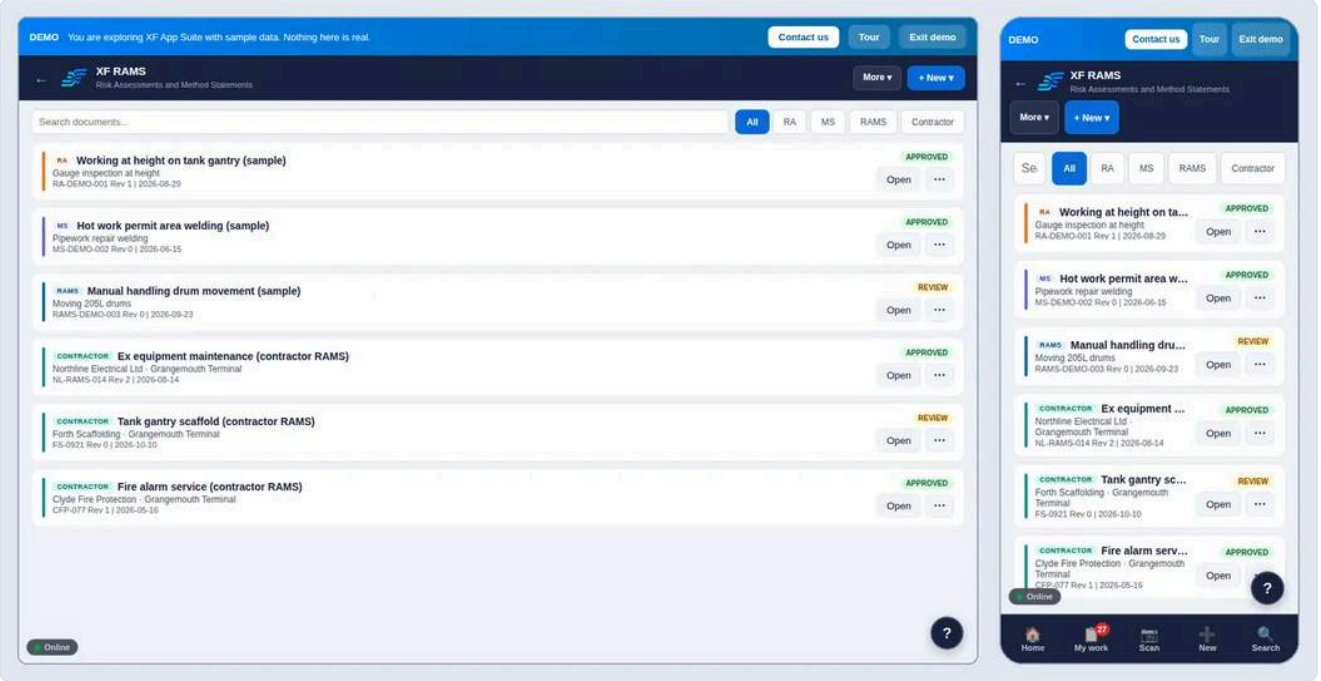


An unsafe observation

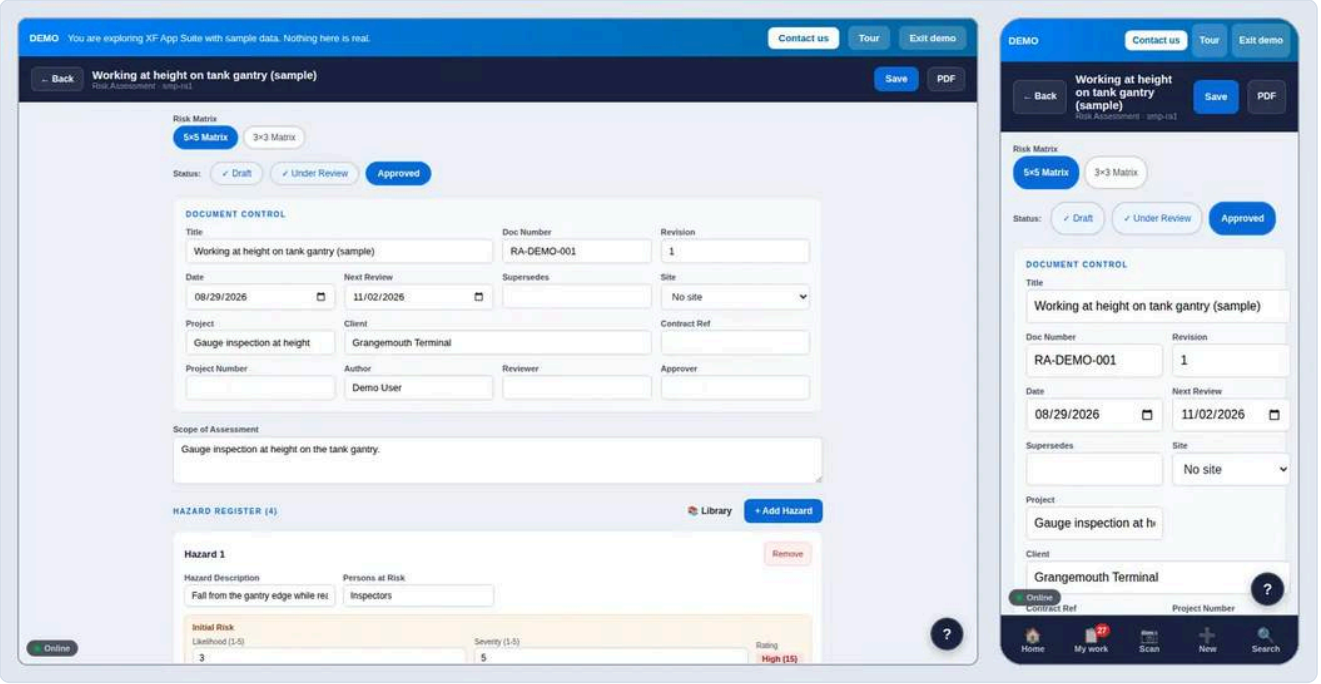
XF RAMS

Risk assessments, method statements and combined RAMS, plus contractor RAMS received.

1. Choose **+ New** and the document type.
2. Fill **Document control**: title, number, revision, dates, project and client.
3. In the hazard register, choose **+ Add Hazard** or pick from the **Library**. Score likelihood and severity before and after controls.
4. For a method statement, build the sequence of operations from the library or free text.
5. Set the status (*Draft*, *Under Review*, *Approved*), collect signatures and choose **PDF**.



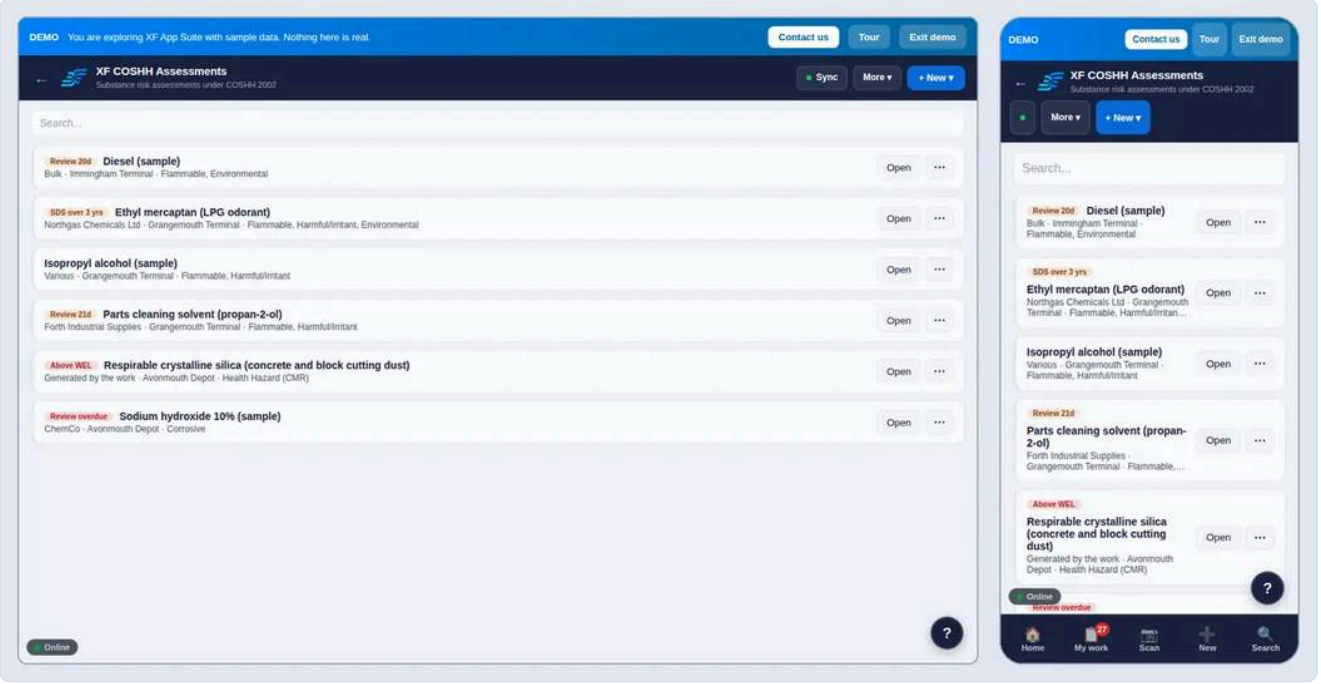
RAMS documents



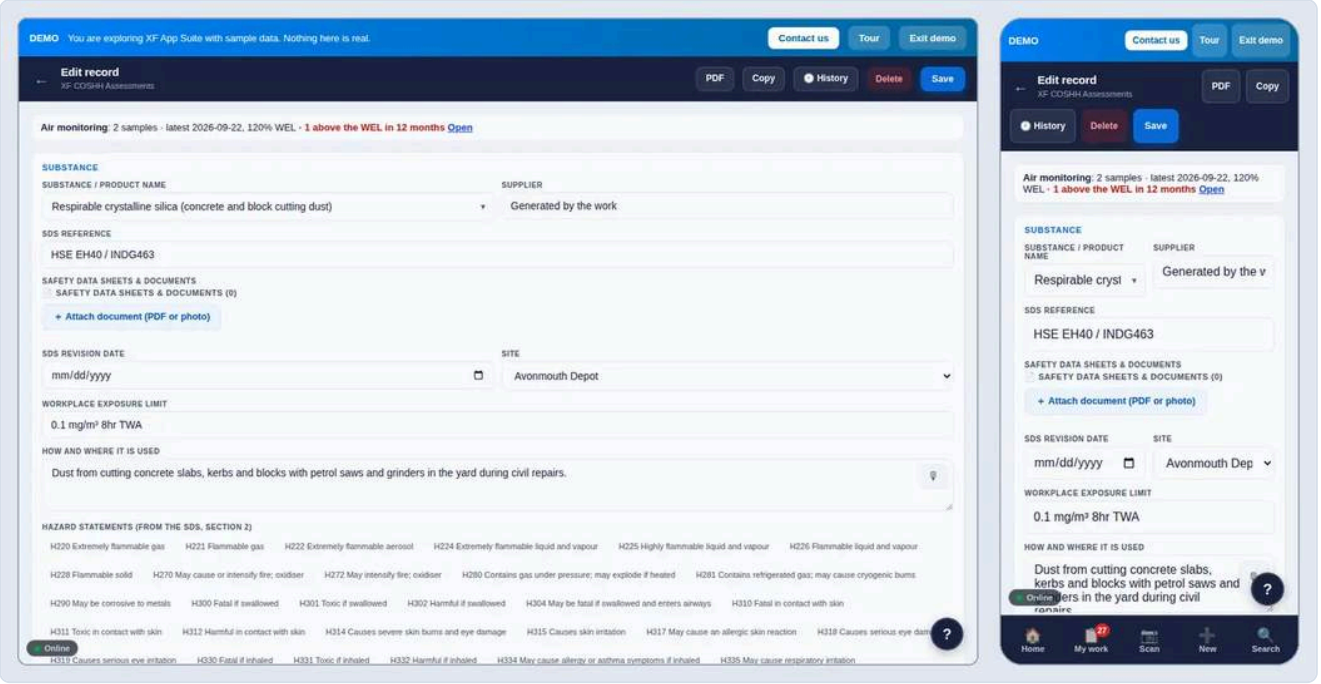
A risk assessment with its hazard register

XF COSHH Assessment

1. Choose **+ New**. Choose **Read the SDS with AI** to fill the assessment from a safety data sheet PDF, then check every field.
2. Confirm hazard statements, routes of exposure, workplace exposure limit, controls, PPE and health surveillance.
3. Record where the substance is kept and how much. For CMR substances, record substitution.
4. Air monitoring results from Exposure Monitoring show at the top, with an *Above WEL* badge when a limit is exceeded.



COSHH assessments, with review and WEL badges

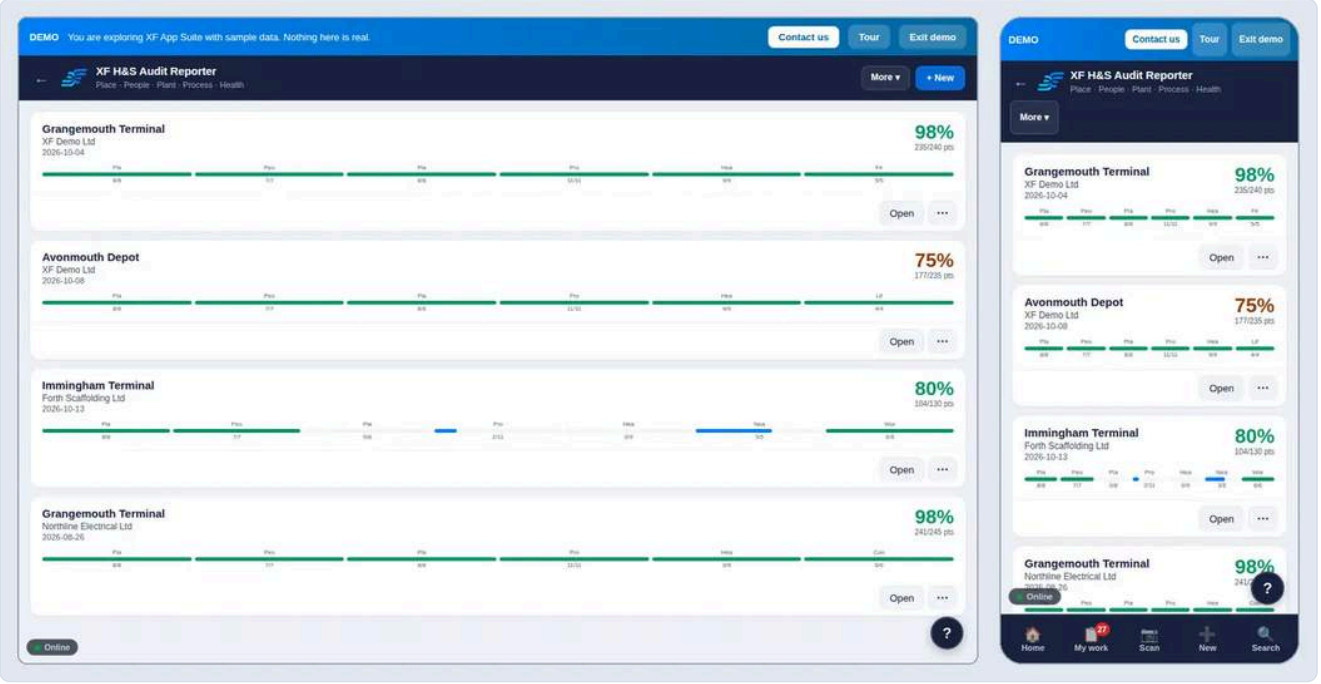


An assessment linked to air monitoring

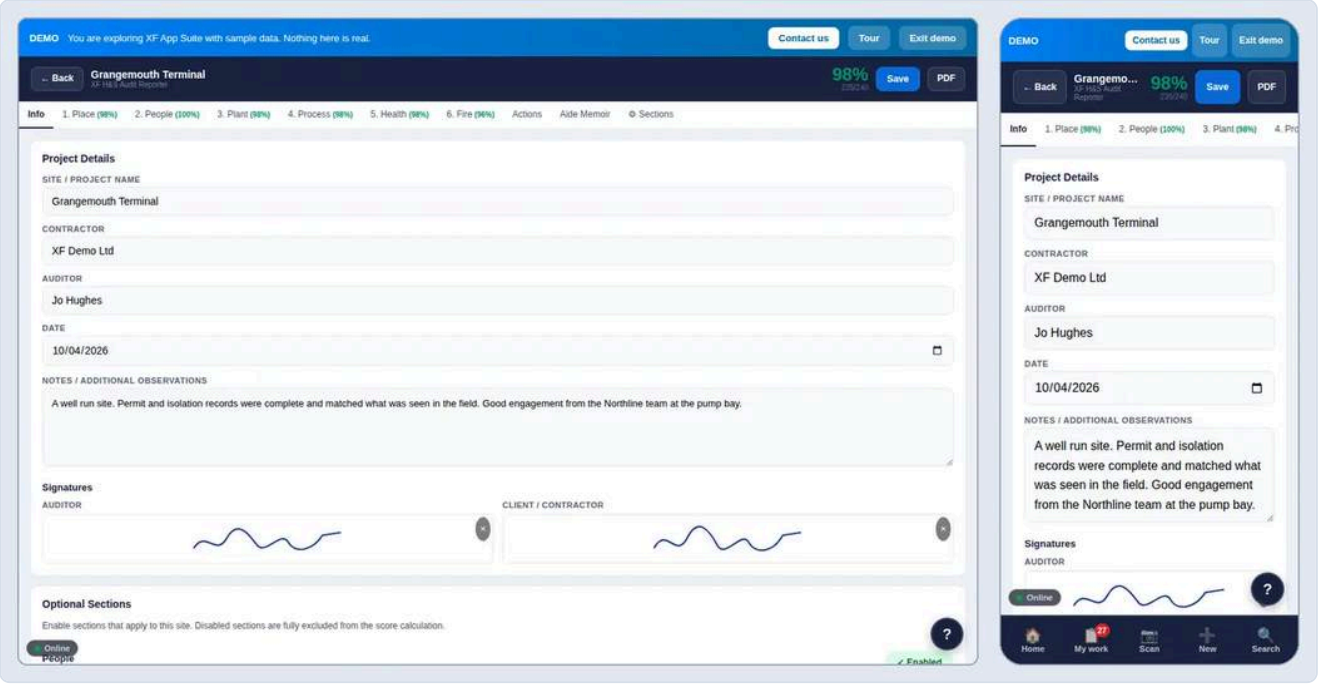
XF H&S Audit Reporter

5P site audits: Place, People, Plant, Process, Health, plus optional sections such as fire.

1. Choose **+ New** and complete **Info** (site, contractor, auditor, date).
2. Work through each numbered tab, answering each question and adding notes and photos. The score updates as you go.
3. Findings become actions on the **Actions** tab. Sign at the end and produce the PDF.



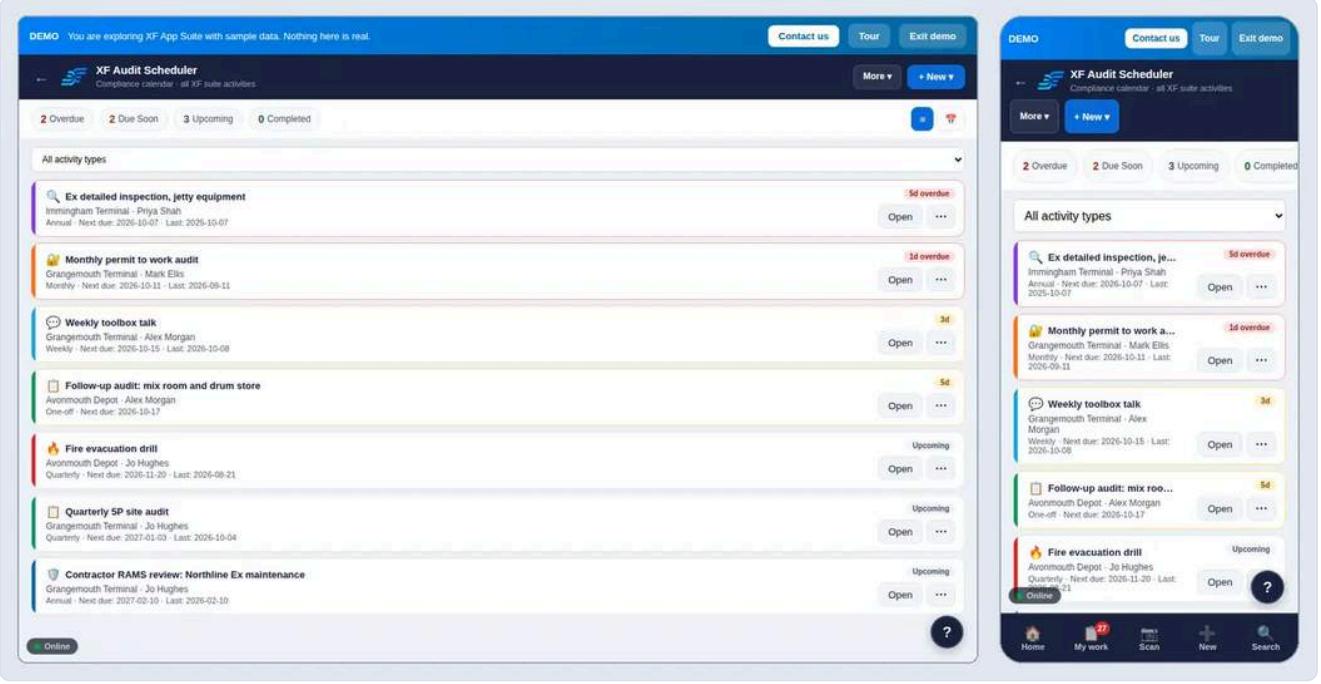
Audits with scores



An audit in progress

XF Audit Scheduler

A calendar of every recurring activity: audits, inspections, drills, toolbox talks and reviews. Tiles show overdue, due soon, upcoming and completed. Choose **+ New** to schedule an activity with its frequency and owner.



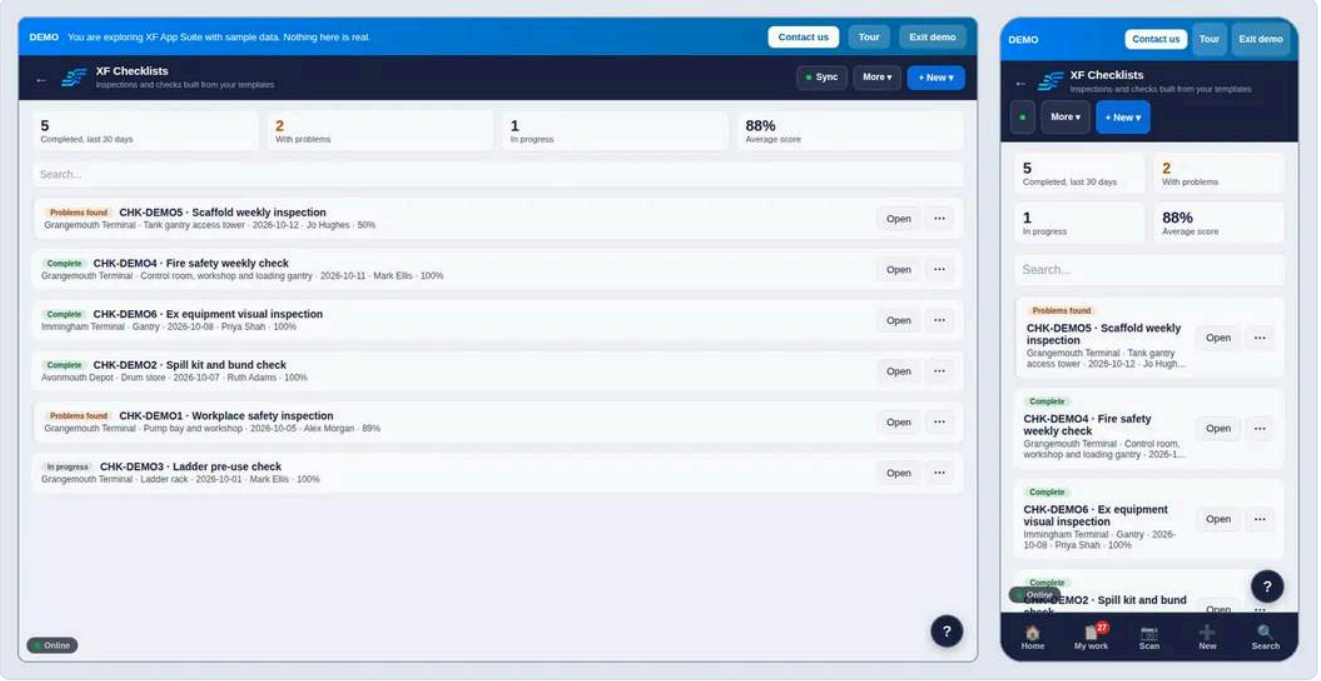
The schedule

XF Checklists

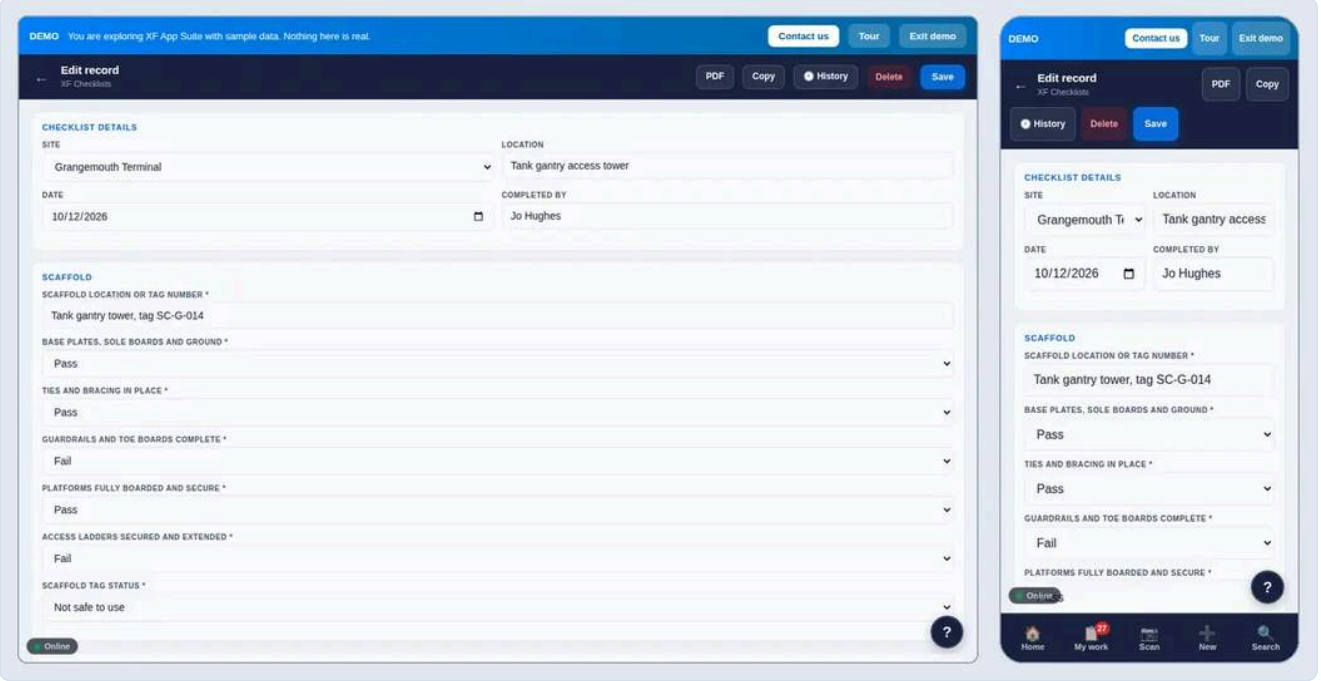
1. Choose **+ New** and pick a template.
2. Answer each question. Any *Fail* or *No* is flagged and raises an action.

3. Save to see the score and status (*Complete* or *Problems found*).

Build your own templates, or choose from 22 in the library, under **More > Templates** (see Tailoring).



Completed checks



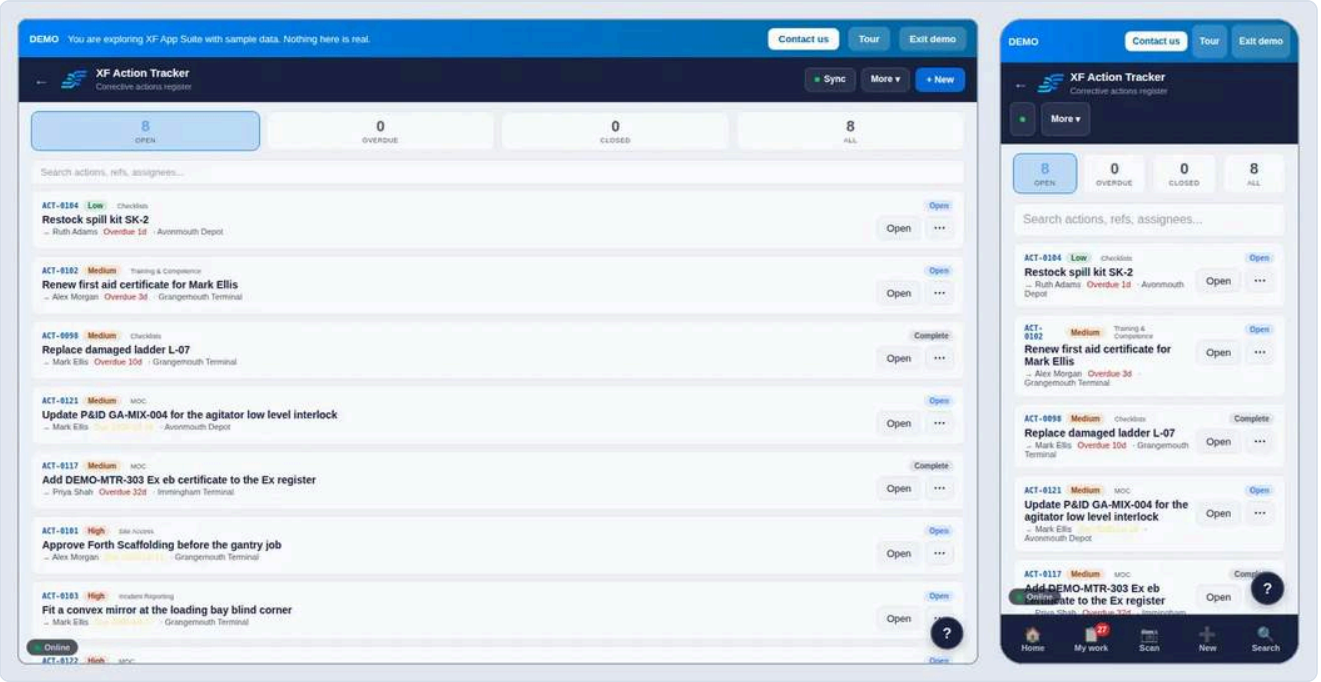
A scaffold check with problems found

XF Action Tracker

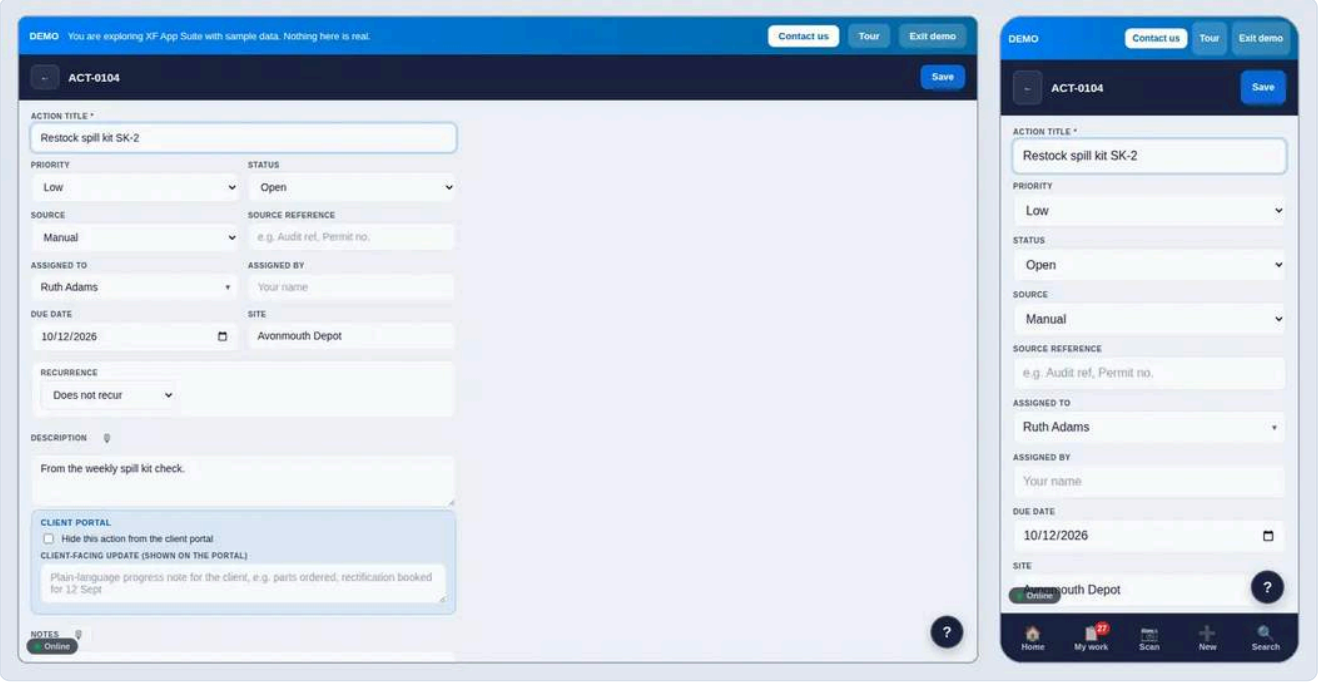
Every corrective action from every app in one place, with owner, priority, due date and status. Open an action to update it, add evidence and close it. **Client portal** lets you share a plain-language update with a client.

Change several at once: choose **More > ☑ Select several**, tap the actions (or **All shown**), then reassign them, set a status or due date, or export them to CSV. Closing in bulk records today's date and "Closed in bulk" as how they were closed.

Did it work? Closing an action from an incident, audit, inspection or change, or any High or Critical action, sets a check 30 days on (ISO 45001 10.2). When the date comes it appears in **My work** for whoever raised or verified it and for managers. Open the action, say what was checked and choose **Effective** or **Not effective**. Not effective raises a follow-up action for the same person, linked back to this one. You can change the date, clear it, or add a check to any closed action.



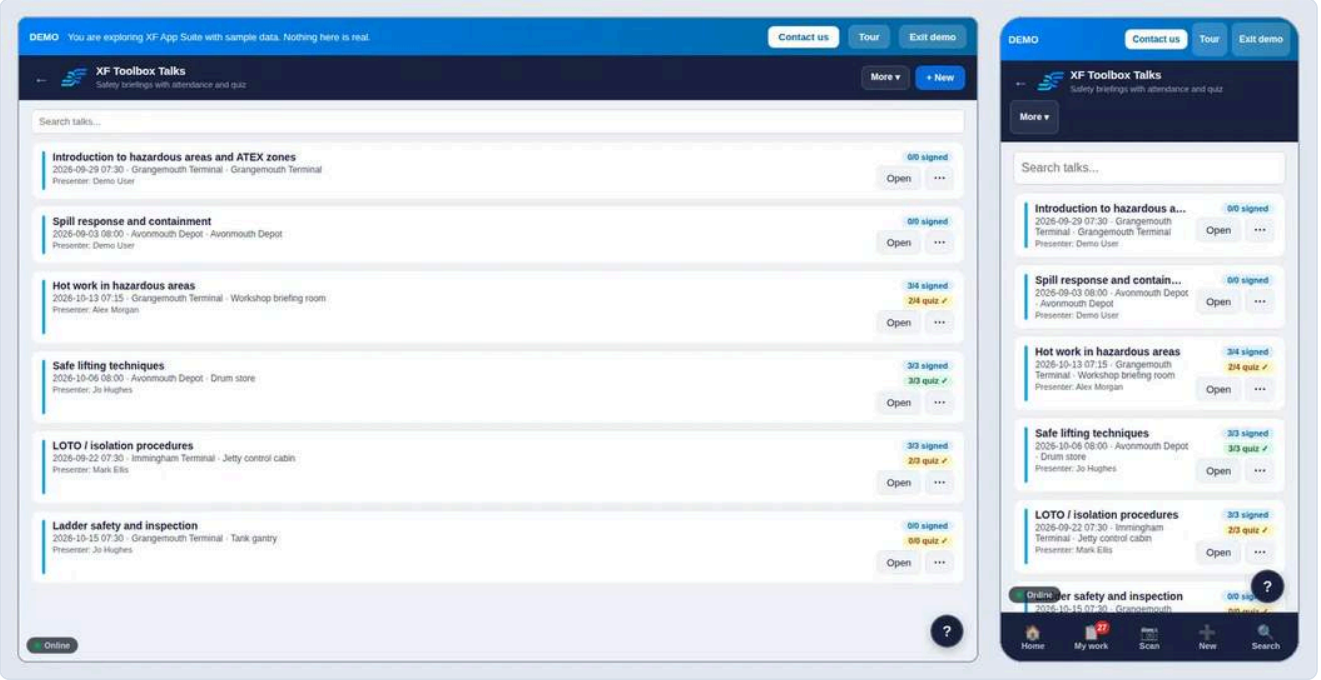
Actions by status



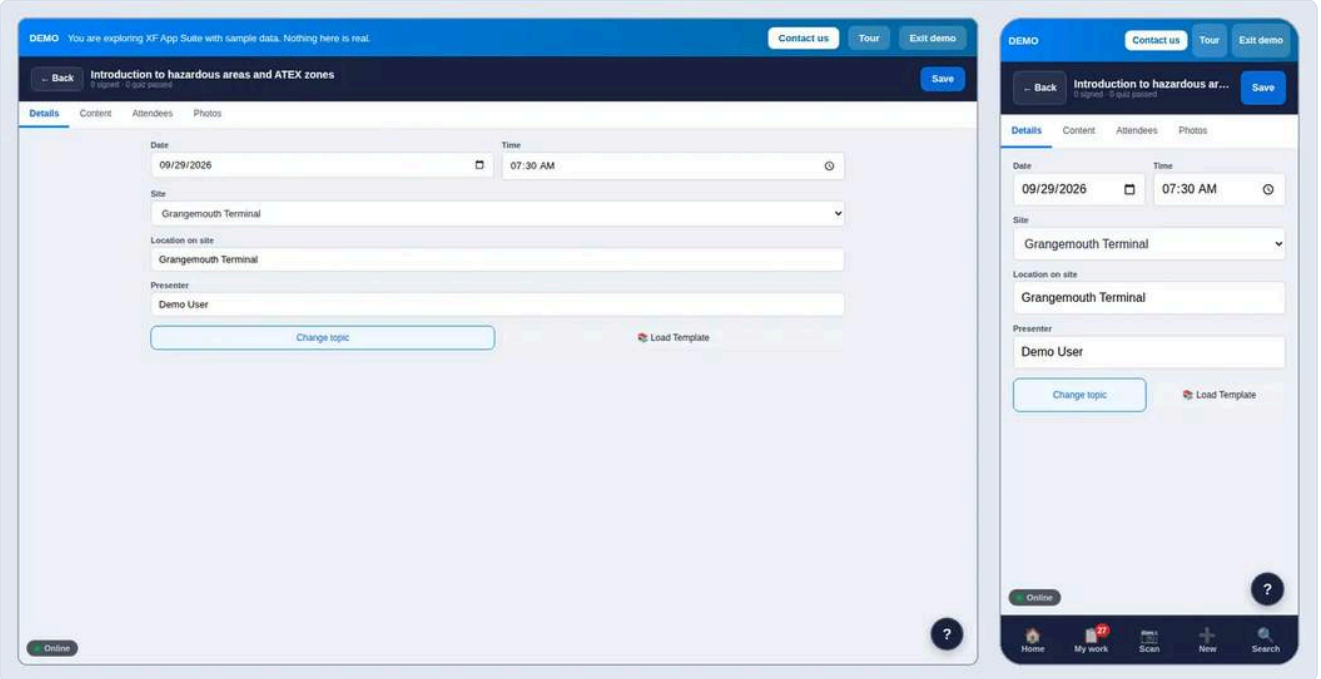
An action

XF Toolbox Talks

1. Choose **+ New**, pick a topic or **Load Template**, and set the date, site and presenter.
2. On **Attendees**, each person signs on screen.
3. An optional quiz checks understanding; the list shows signed and quiz counts.



Toolbox talks with signatures and quiz results

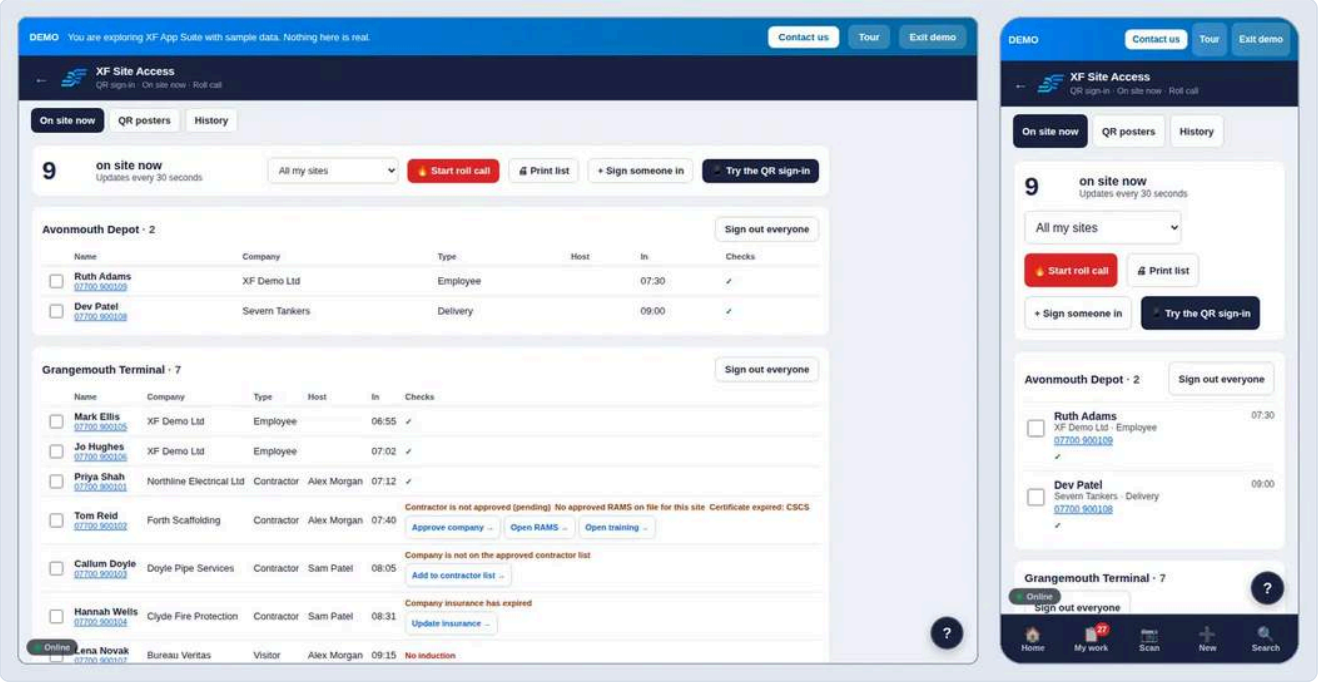


A talk record

6. People and site access

XF Site Access

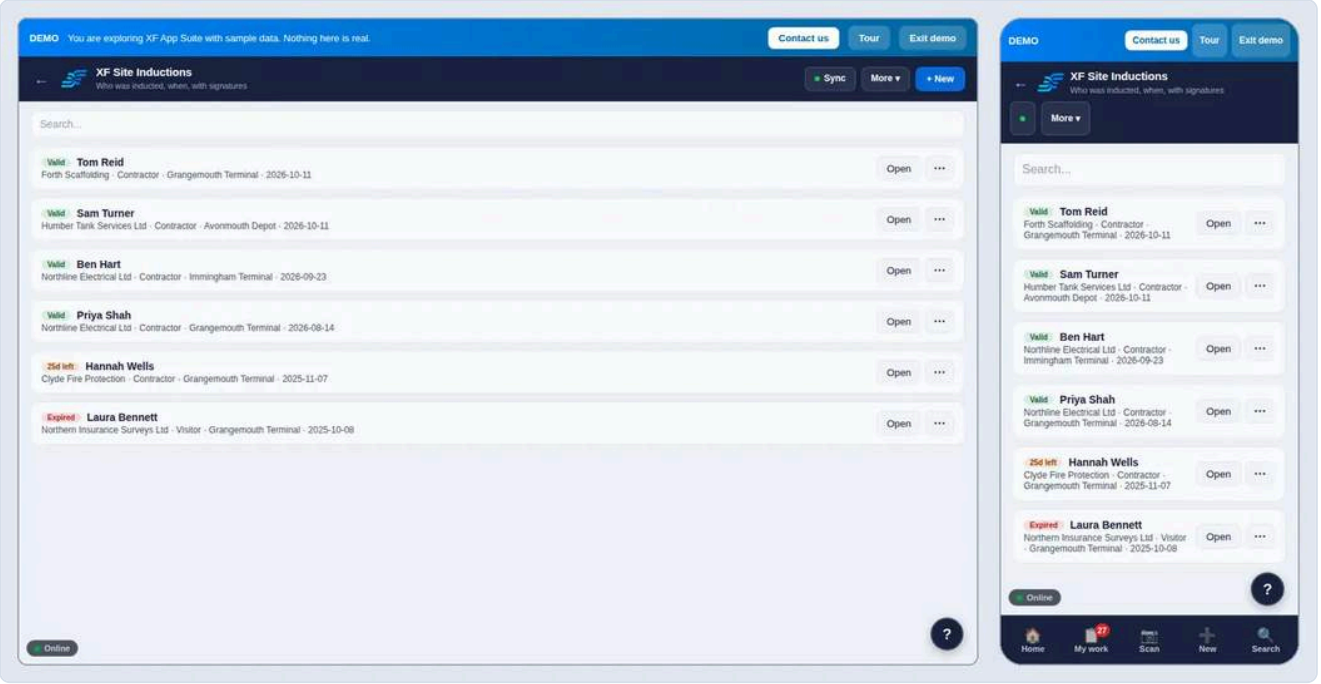
1. Print the site QR poster from **QR posters**.
2. Visitors and contractors scan it to sign in. If their induction is missing or expired they complete it there.
3. **On site now** shows everyone on site with checks: induction, approval, competence and insurance.
4. In an emergency choose **Start roll call** and tick people off. **Print list** gives a paper copy.



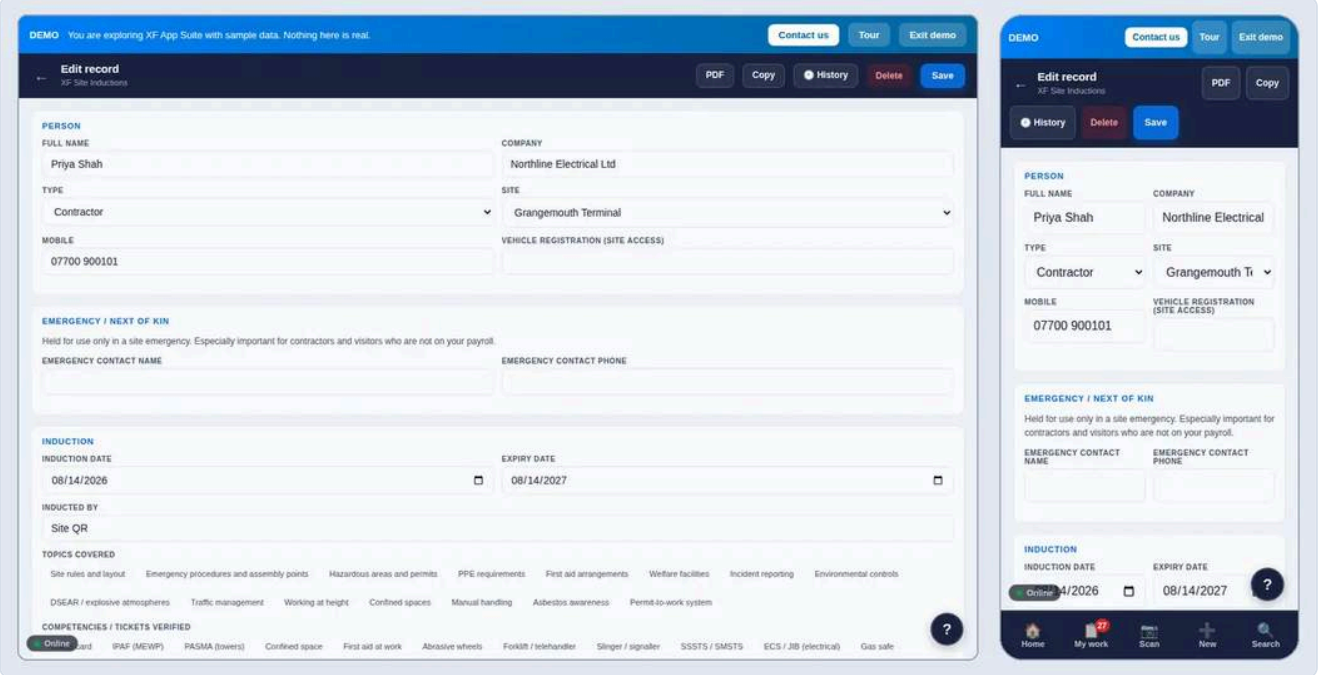
Who is on site now, with checks

XF Site Inductions

Who has been inducted, when it expires, the topics covered and their signature. Expired inductions are highlighted.



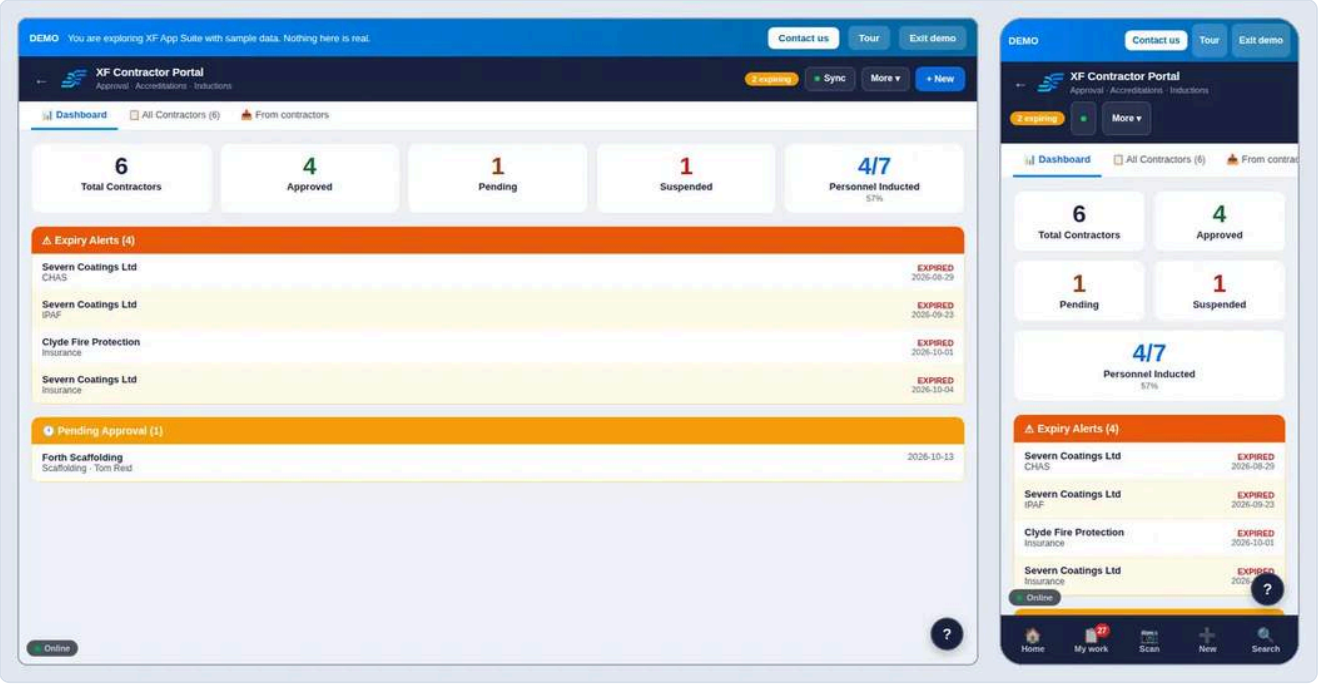
Inductions



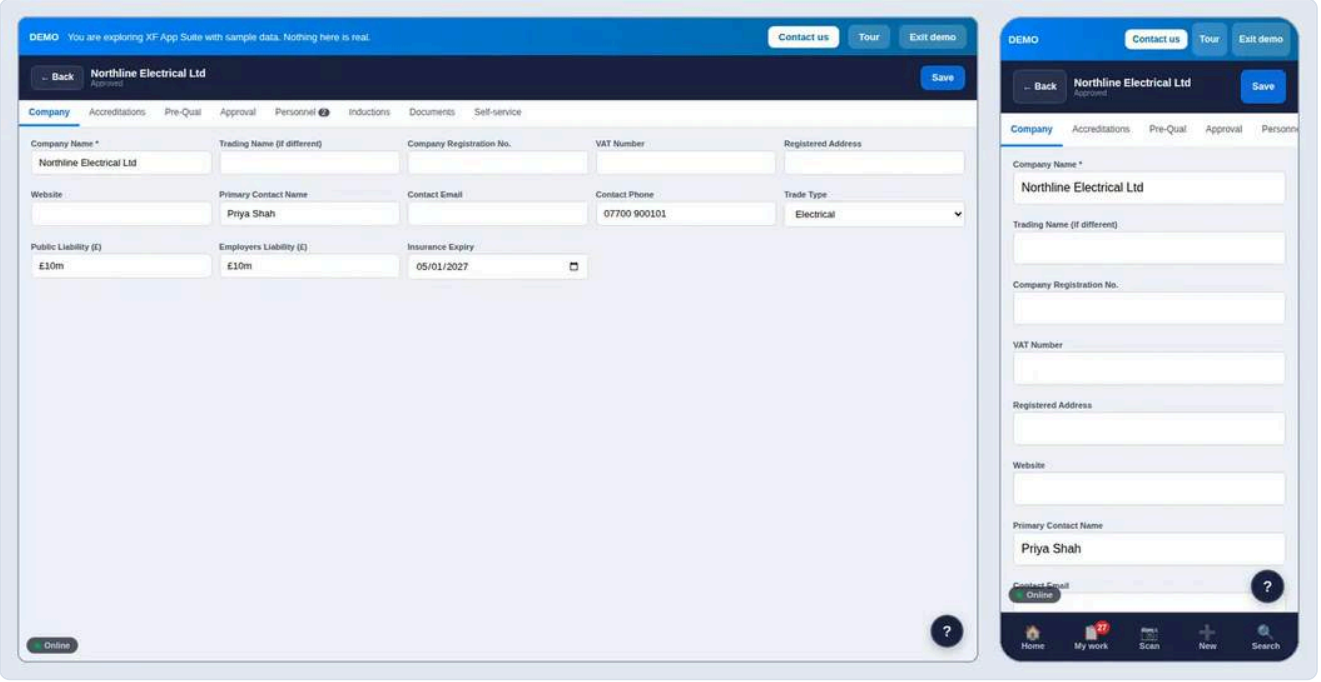
An induction record

XF Contractor Portal

1. Choose **+ New** and enter the company details.
2. Fill **Accreditations** and insurance with expiry dates, and complete **Pre-Qual**.
3. On **Approval**, approve, hold or suspend the company. **Personnel** lists their people and their inductions.
4. The dashboard flags expiring insurance and accreditations, and companies waiting for approval.



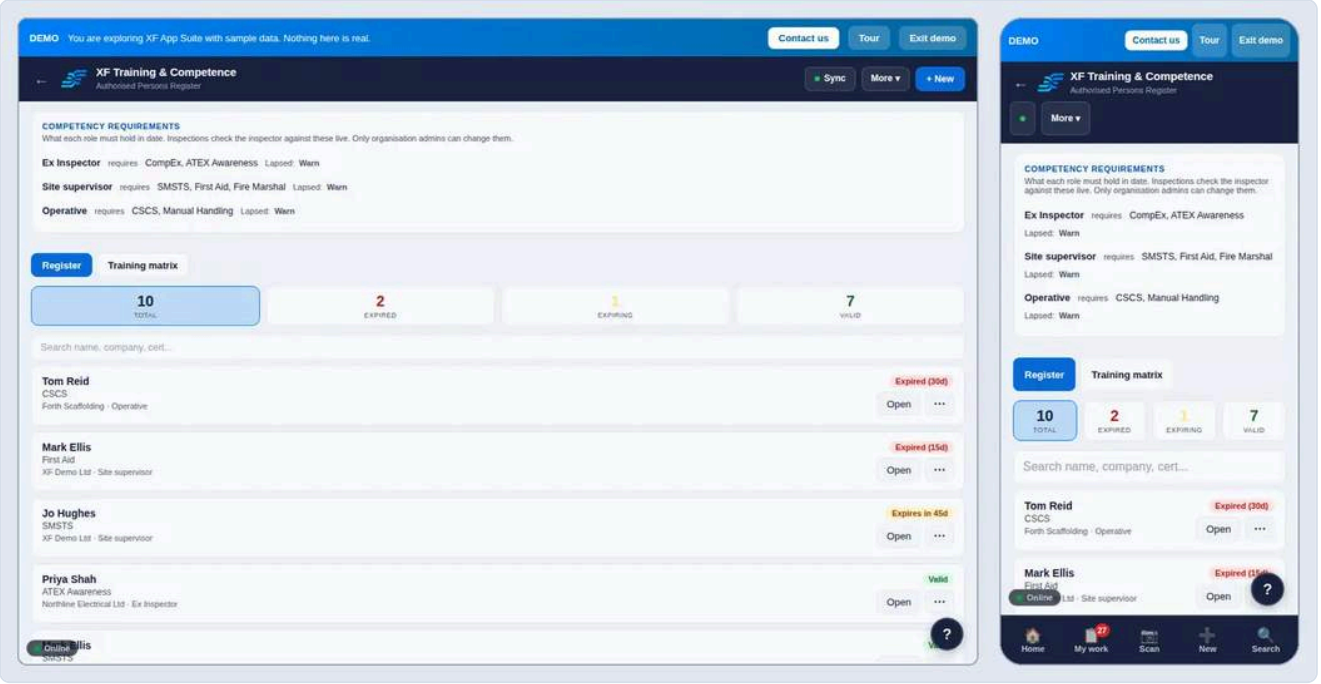
The contractor dashboard



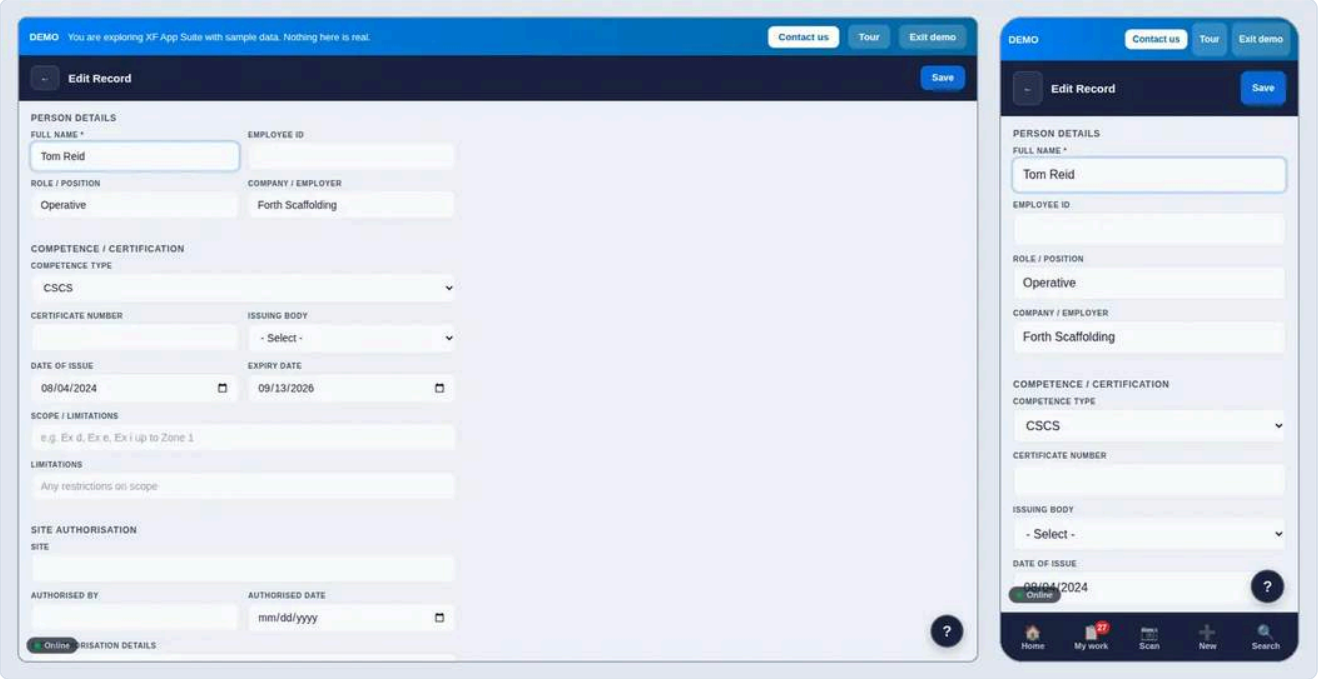
A contractor's company details

XF Training & Competence

Set competency requirements for each role at the top, then record each person's certificates with expiry dates. **Training matrix** shows everyone against every requirement.



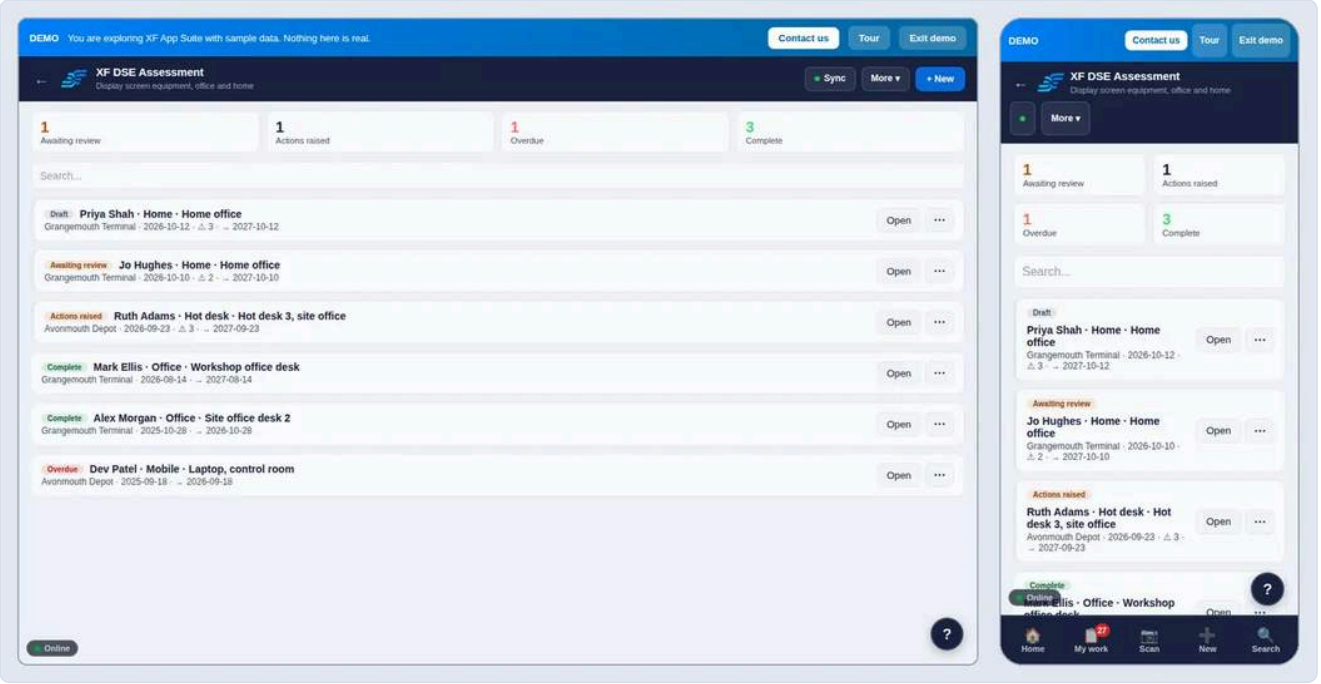
The register with role requirements



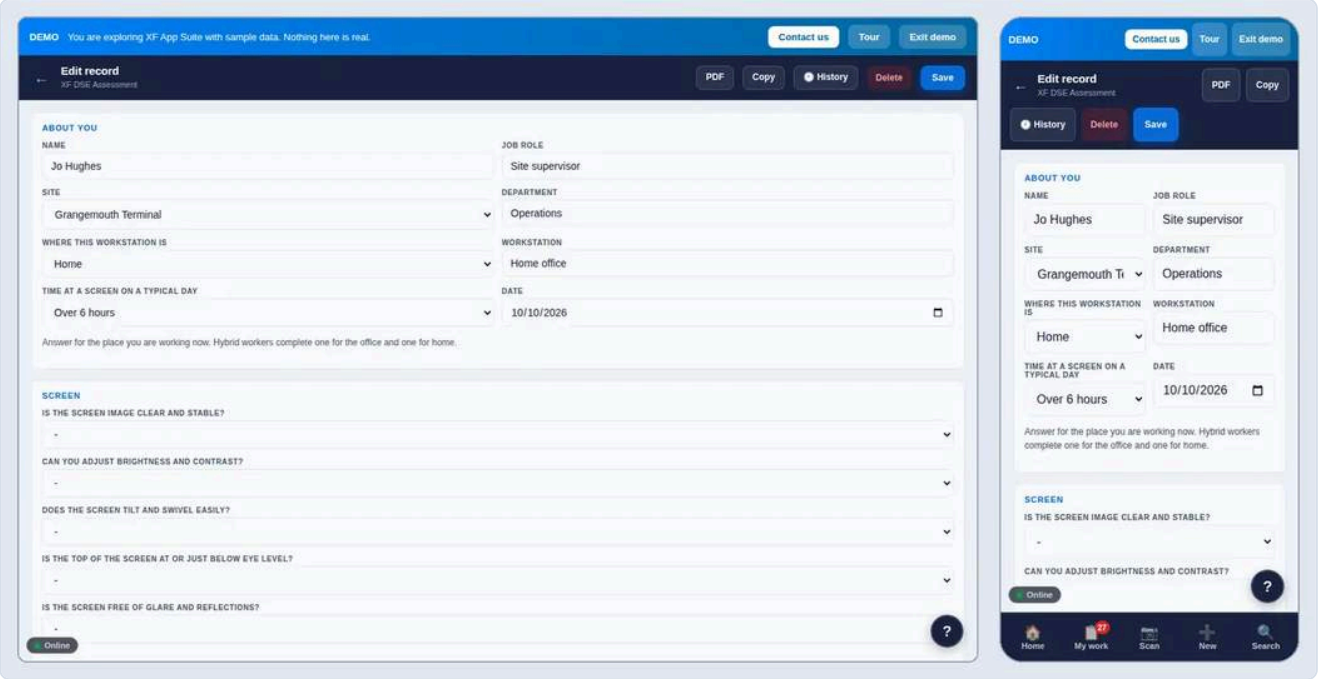
A competence record

XF DSE Assessment

Staff complete a self-assessment for office or home; a reviewer signs off and raises actions.



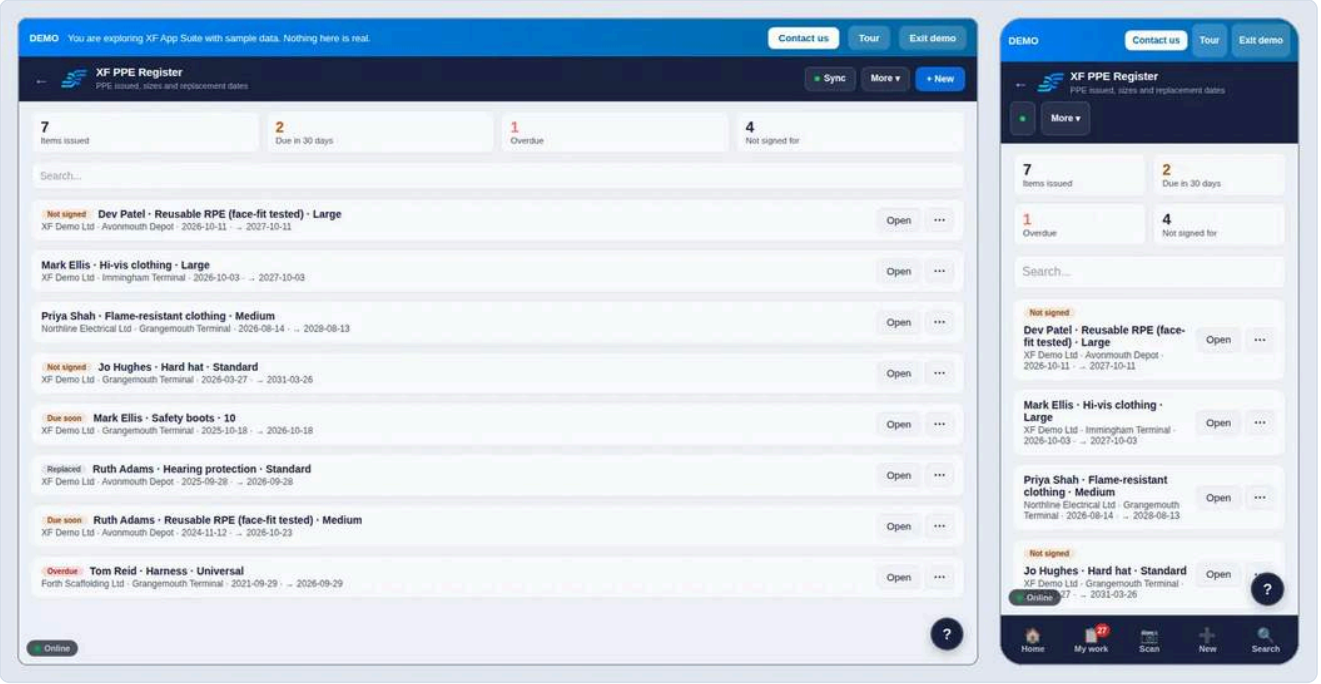
DSE assessments



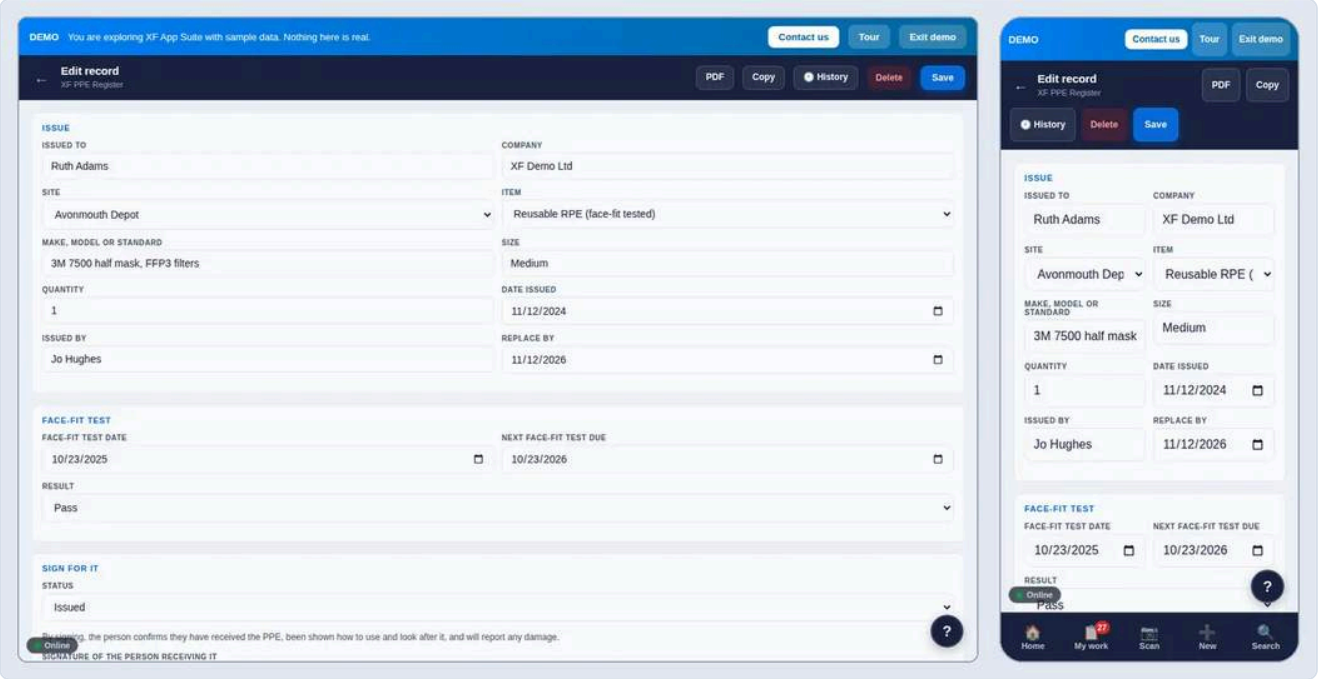
A self-assessment

XF PPE Register

Record PPE issued to each person with size, signature and replacement date, plus face-fit test results for RPE.



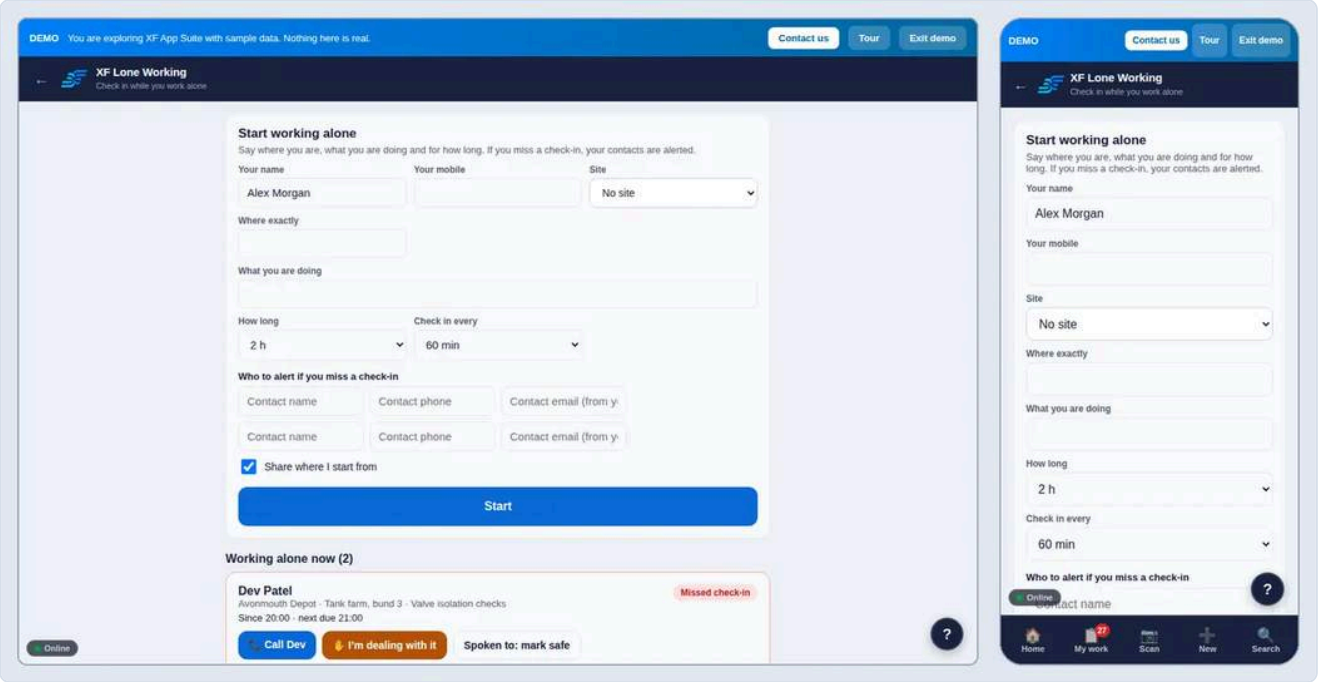
PPE issued



An issue record with face-fit test

XF Lone Working

1. Enter where you are, what you are doing, how long and how often to check in.
2. Add the contacts to alert if you miss a check-in and choose **Start**.
3. Check in when prompted. A missed check-in alerts your contacts and managers, by text where enabled. Others can see who is working alone now and choose **I'm dealing with it**.

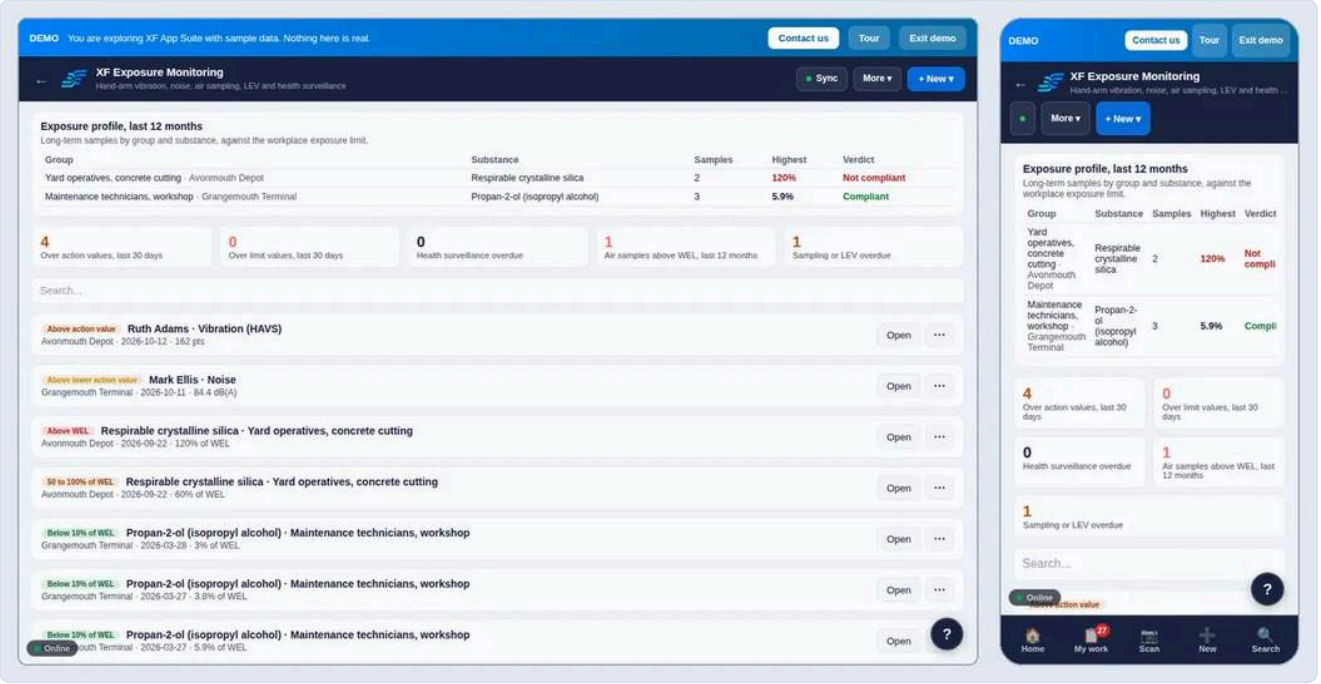


Start a session and see who is working alone

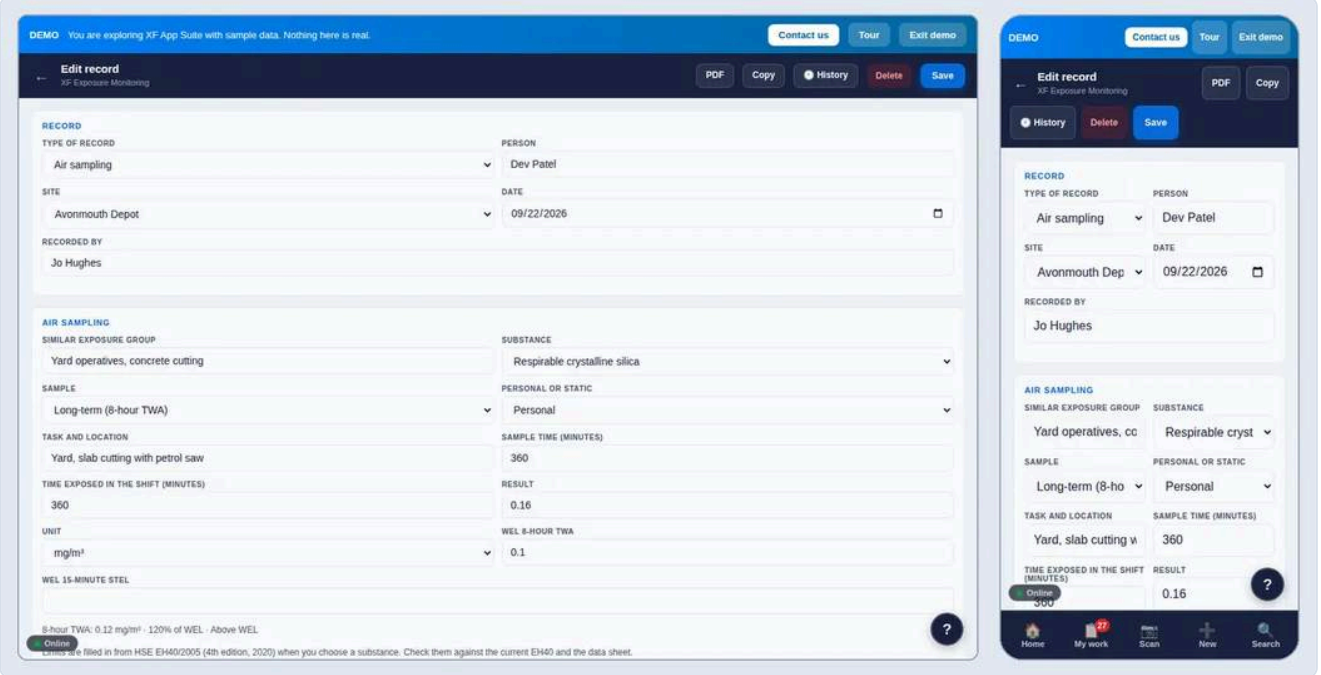
XF Exposure Monitoring

Hand-arm vibration and noise using HSE points and levels, health surveillance, and occupational hygiene.

1. Choose **+ New** and the record type: vibration, noise, *Air sampling*, *Sampling plan* or *LEV examination*.
2. For air sampling, pick the similar exposure group and substance. The workplace exposure limit fills in, and the 8-hour TWA and percentage of WEL are worked out.
3. The profile at the top gives a verdict per group and substance (BS EN 689).
4. Use **More** to import laboratory results or data-logger files from CSV.



The exposure profile



An air sample against the WEL

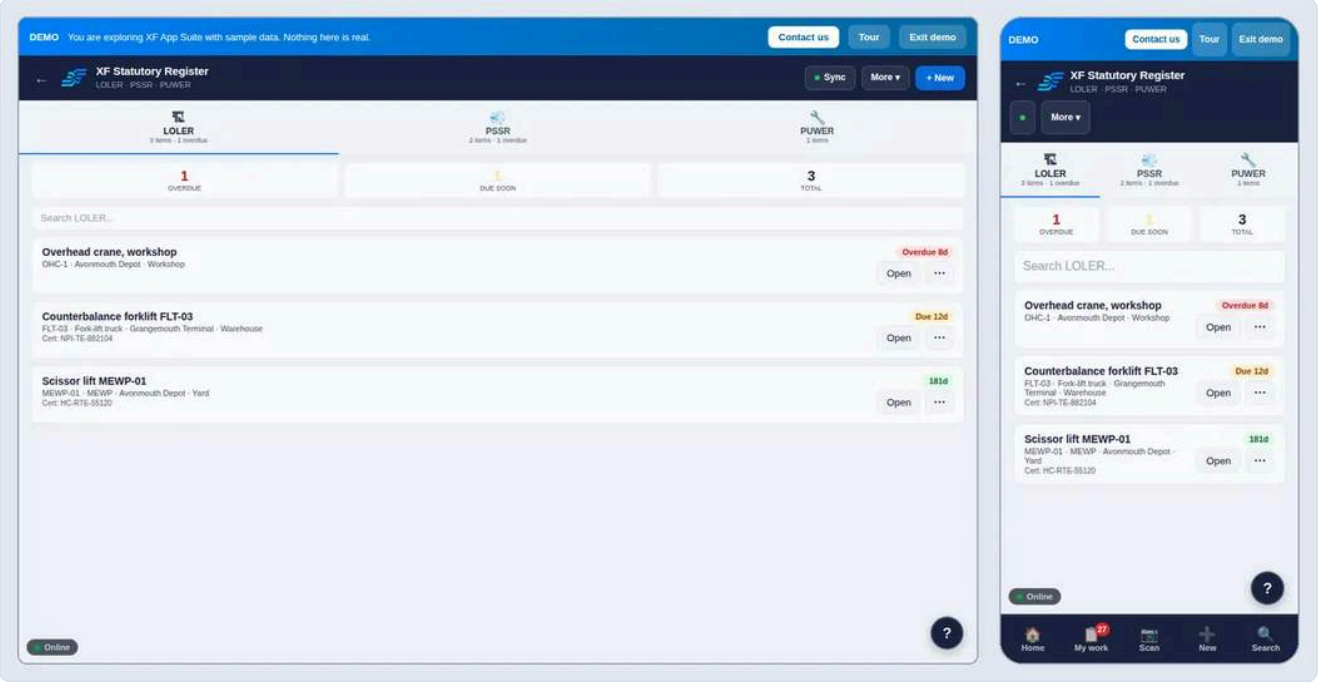
7. Registers

Working on many records at once: in any register with **Select**, tick the records (or **All**), then **Site**, **Edit** (one field for all of them), **Assign** (one owner for all), **Close** (set them all to closed), **CSV** or **Delete**. Each change is written to the audit log.

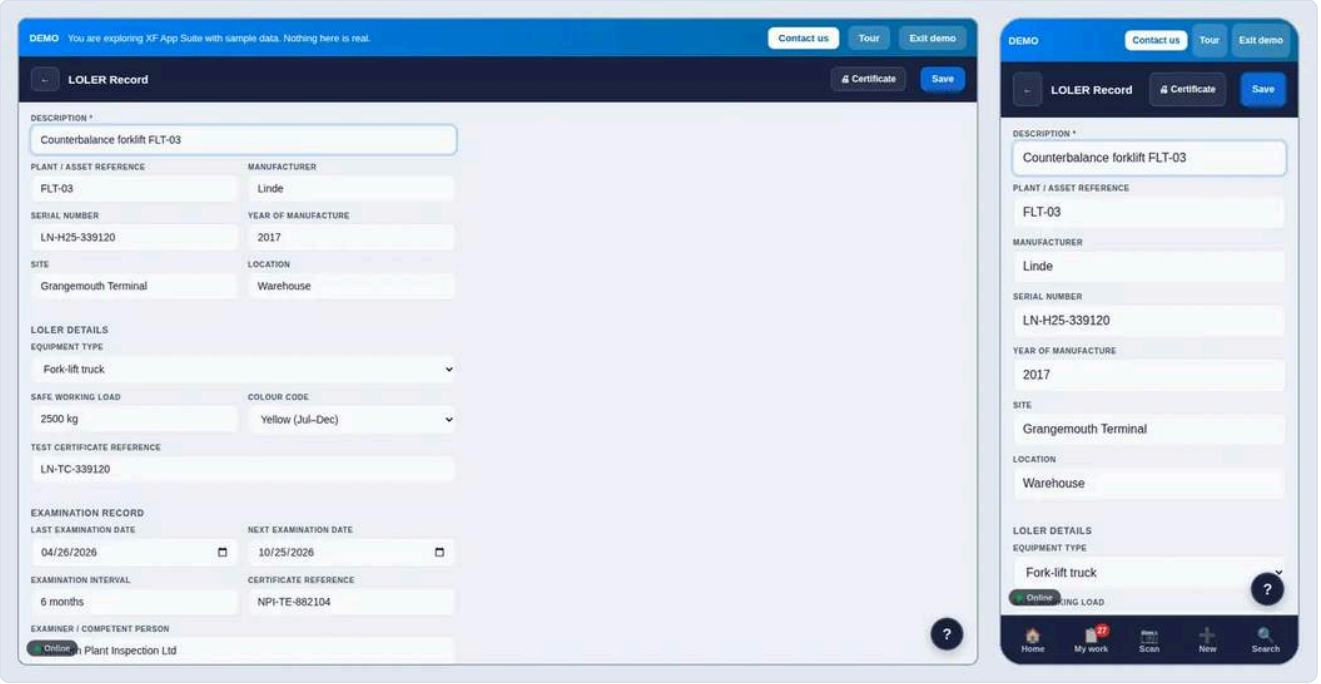
XF Statutory Register

LOLER, PSSR and PUWER examinations, on separate tabs.

1. Choose **+ New** on the right tab and enter the equipment, safe working load and identification.
2. Record the last examination, interval, examiner and certificate; the next date is set for you.
3. **Certificate** produces the record of thorough examination.



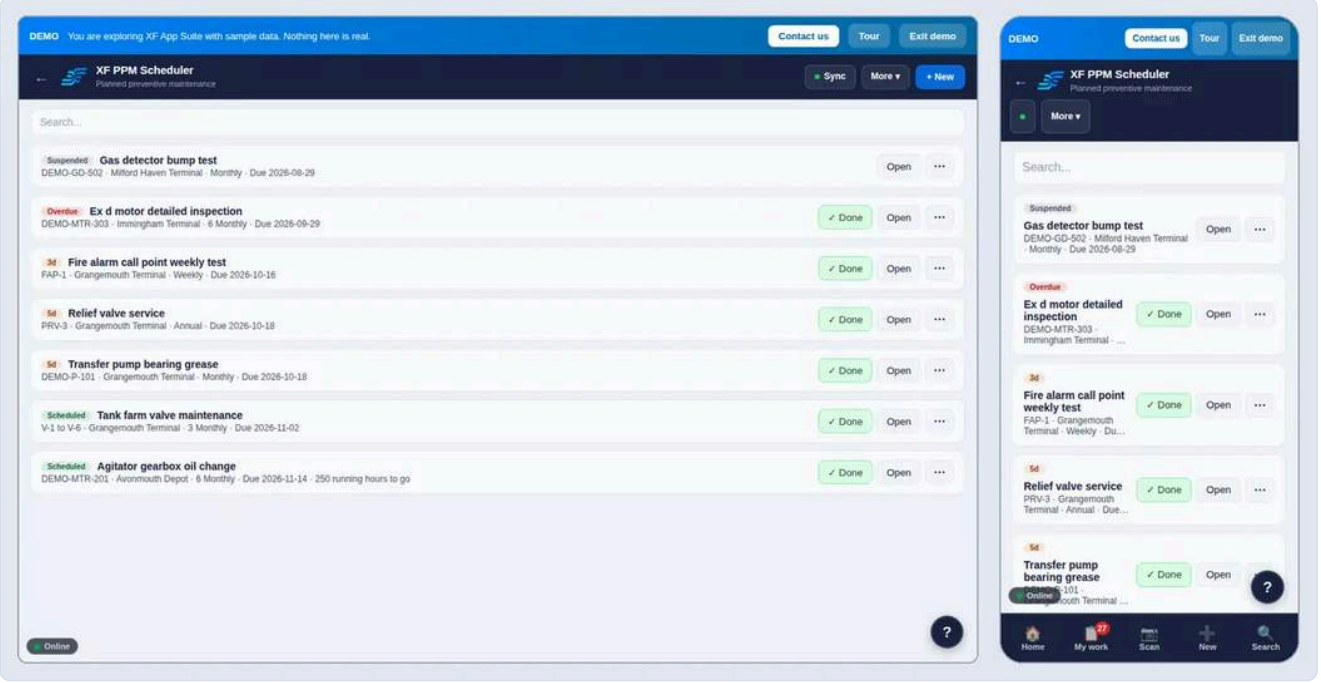
LOLER items with due dates



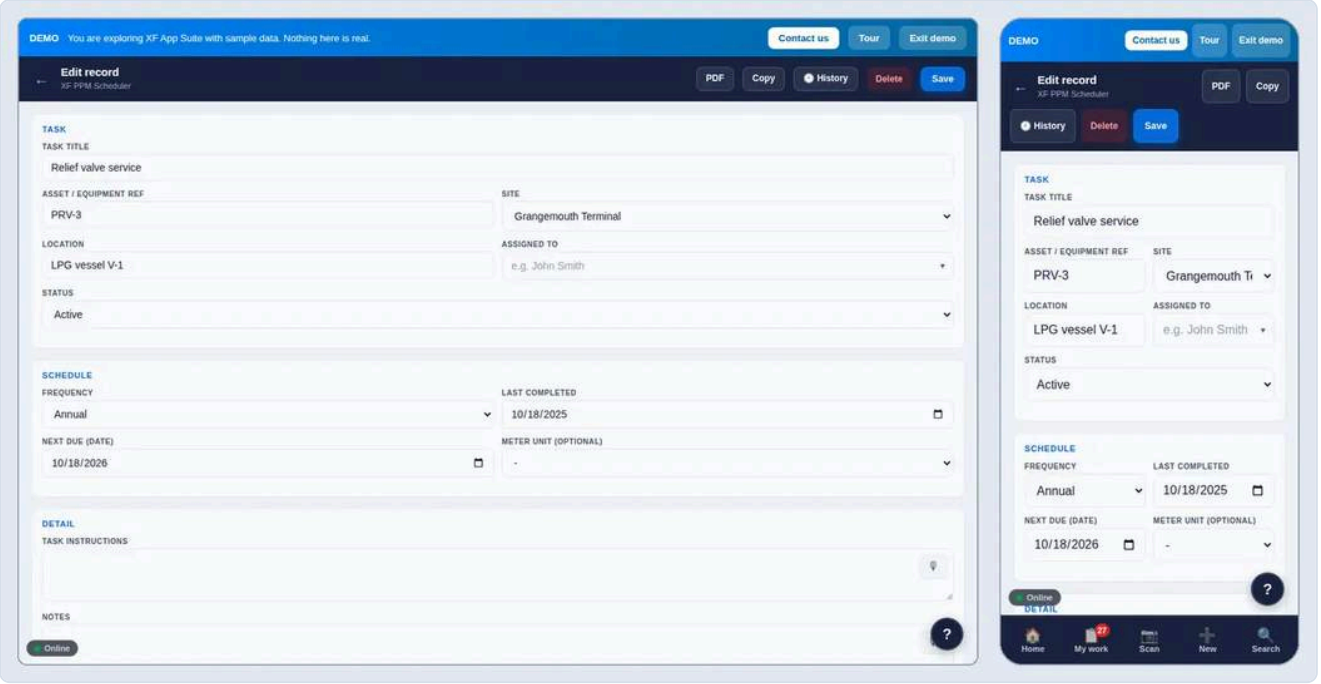
A LOLER record

XF PPM Scheduler

Recurring maintenance tasks. Tick ✓ **Done** on a line to record completion and roll the next due date forward. Open a task to set the frequency, asset, location and instructions.



PPM tasks



A PPM task

Work orders

The PPM Scheduler also runs reactive and corrective work.

1. Choose **+ New** then **Work order**, or raise one from where the problem was found: **Raise work order** on an action in the Action Tracker, on a failed daily plant check, or on a PPM task.
2. Set the asset, priority, category (breakdown, corrective, improvement and so on), who it is assigned to and the due date. The source is recorded so you can trace it back.
3. As the job progresses, add labour (person, date, hours, rate) and parts (part number, quantity, cost). Totals are worked out for you. The labour rate defaults to the technician rate in the value summary assumptions. 3a. 📦 **Draw from stores** adds a part from Stores and Spares and reserves it. When the work order has an asset with Ex certification, Ex spares are checked against it: like for like, suitable on the marking, or not suitable (and not offered).
4. Set the status to **Completed**. If the work order came from an action, the action is closed too. Parts drawn from stores are issued from stock, once each.
5. **PDF** prints a job card.

The tiles show overdue tasks, open and overdue work orders, and the cost this month. Repeated breakdowns on the same asset give its mean time to repair and mean time between failures.

XF Stores and Spares

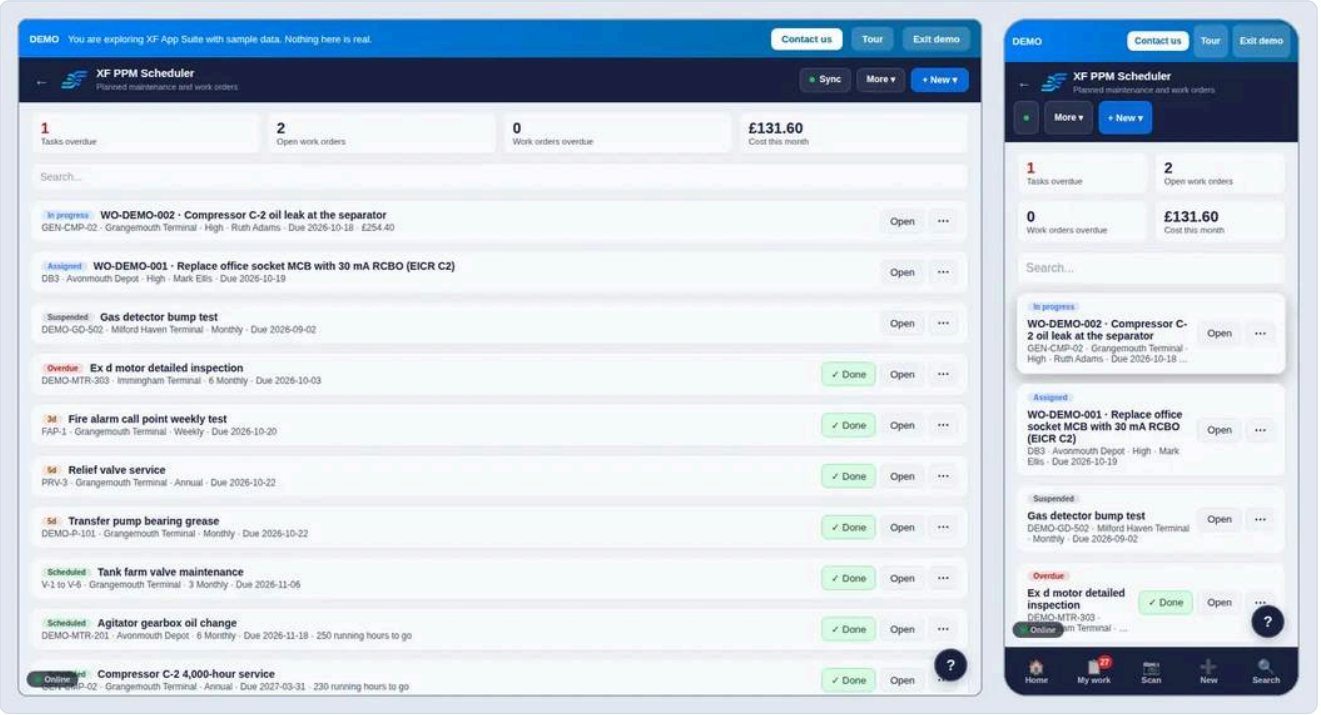
Every part with its store, bin and stock, from the Maintenance hub.

1. Choose **+ New**, enter the part number, description and category, the store and bin, the opening quantity, the reorder point and quantity, cost and supplier.
2. Record **Movements**: received, issued, returned, a stock count (which sets the quantity to what was counted) or written off. **+ Receive** and **✓ Stock count** add a line for you. On hand is worked out from the movements.

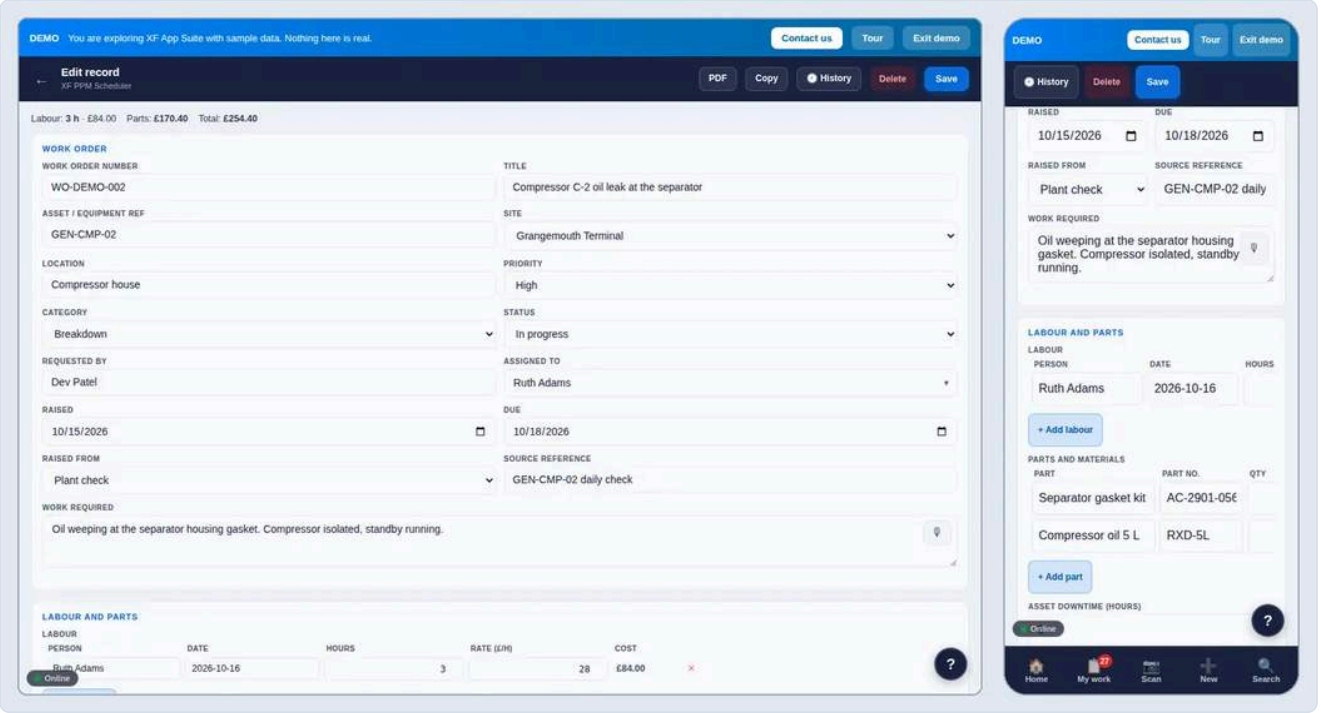
3. Parts drawn onto open work orders are **reserved**; **Available** is what is left. A part falls to **Reorder** when available reaches the reorder point, and shows in **My work** for managers under *Parts to reorder*.
4. For an **Ex spare**, record its marking and certificate. **Assets this spare can replace** lists the register assets it suits, like for like (same certificate and model) first; type a tag to check one asset and see why.

The tiles show parts, parts to reorder, parts reserved for work orders and the stock value.

Meter-based maintenance. A PPM task linked to an asset with a meter can be due by running hours as well as by date. The card shows **Meter soon** or **Meter due** with the hours left.



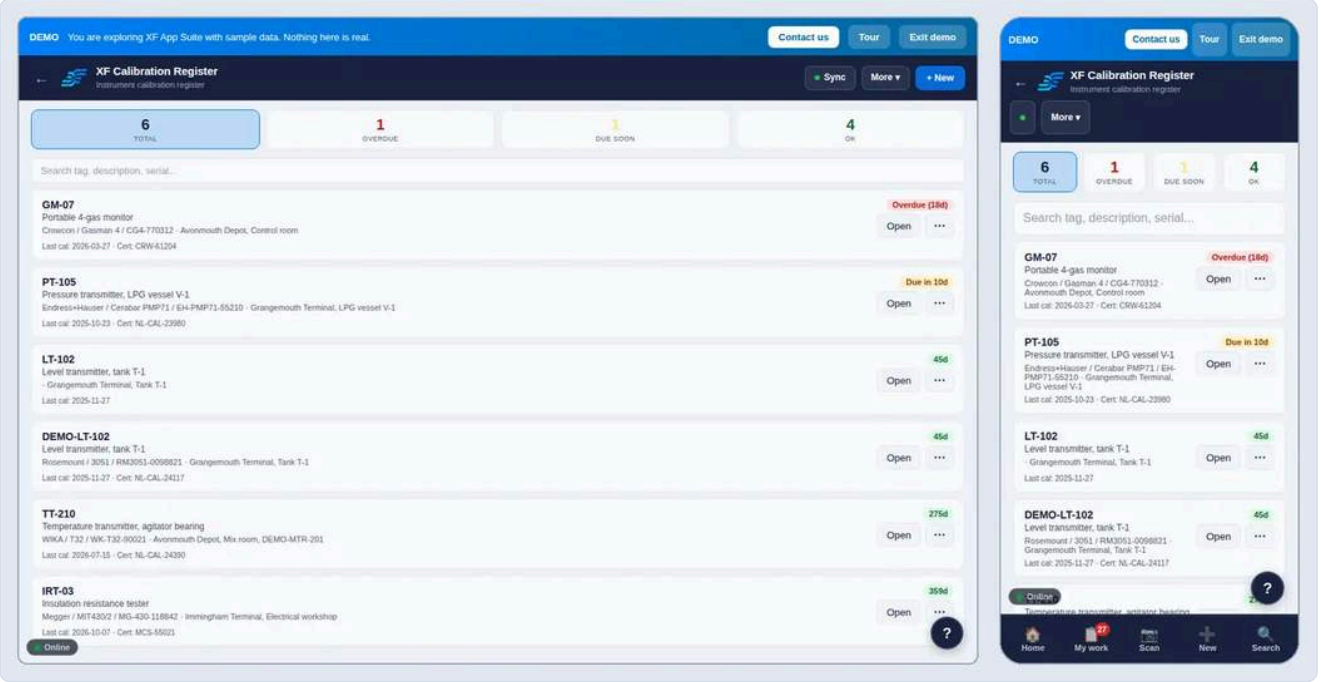
Open work orders in the PPM Scheduler



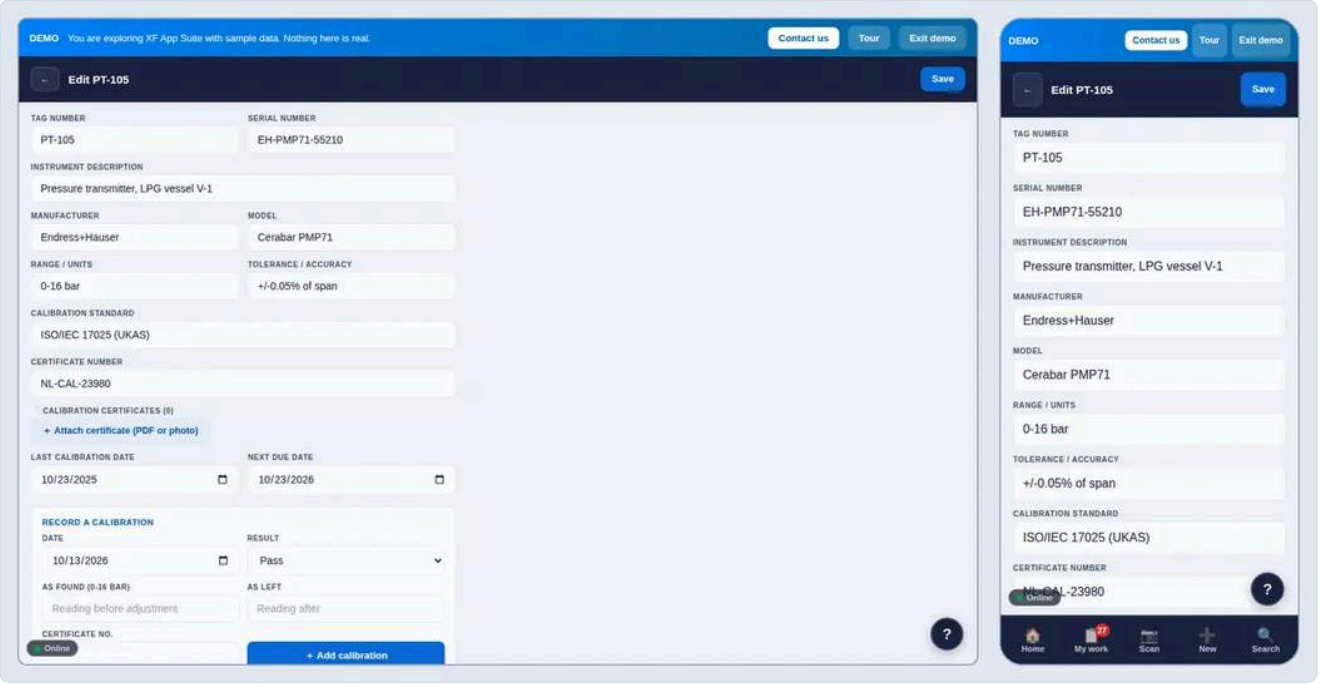
A work order with labour and parts

XF Calibration Register

Instruments with calibration standard, tolerance and certificate. Choose **+ Add calibration** on an instrument to record as found and as left results; overdue and due-soon instruments are flagged.



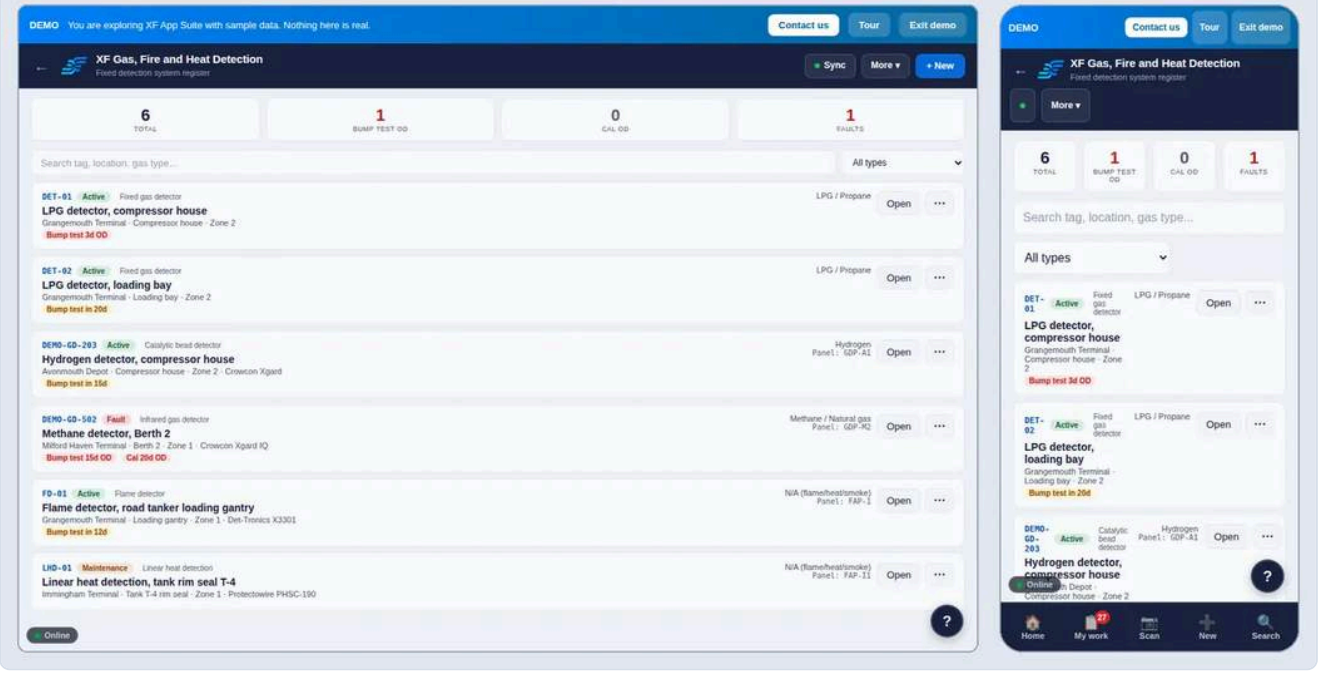
Instruments by due date



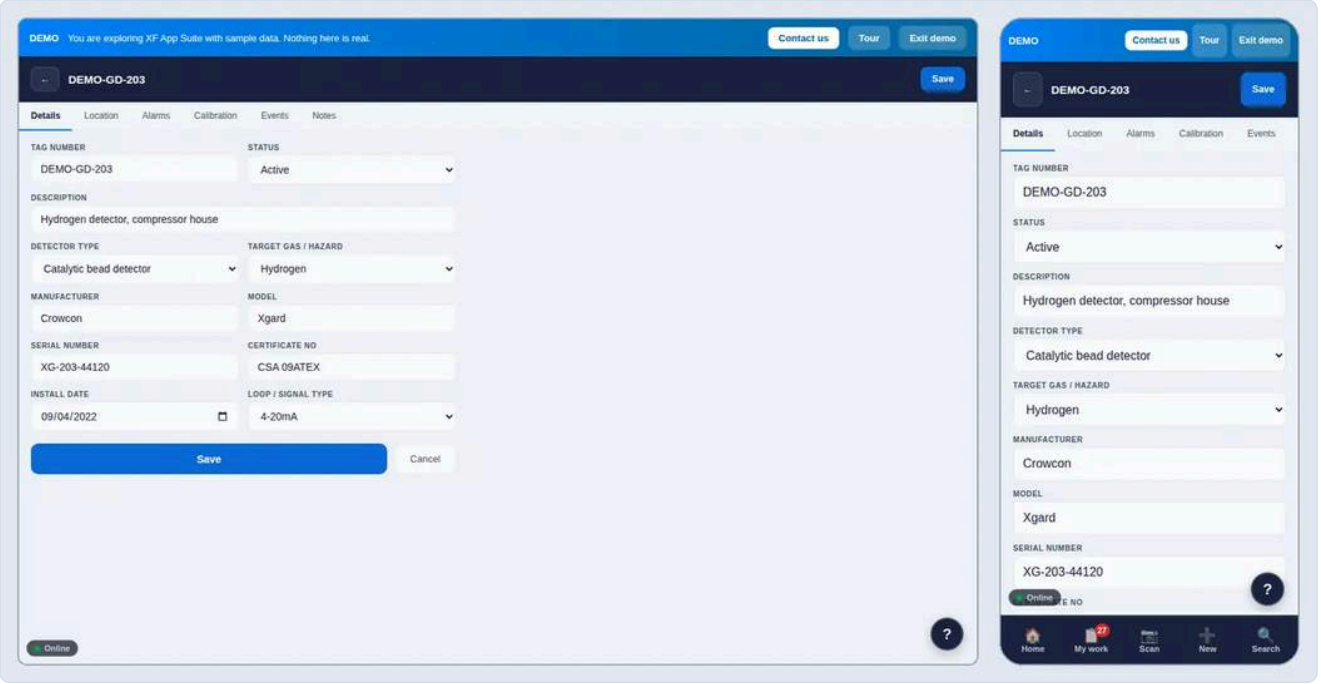
An instrument record

XF Gas, Fire and Heat Detection

Fixed detectors with tabs for **Details**, **Location**, **Alarms** (set points), **Calibration** and **Events** (bump tests and faults). Bump tests due and faults are flagged.



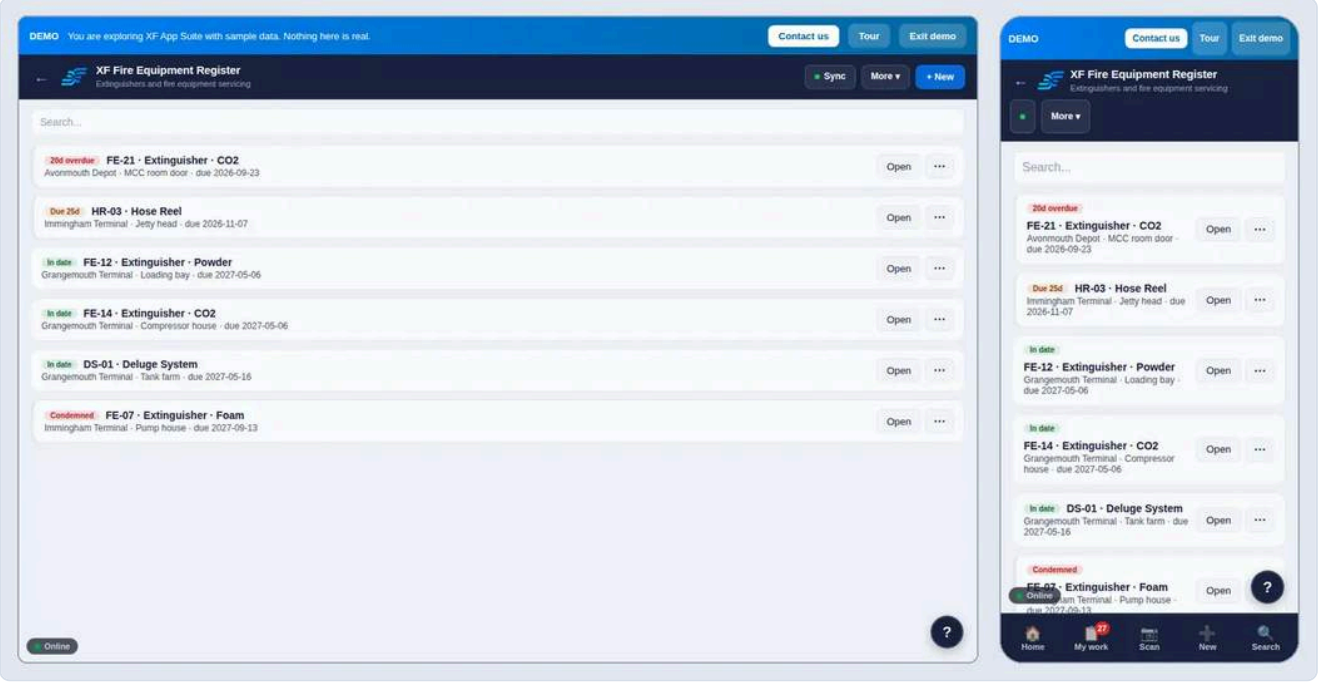
Detectors



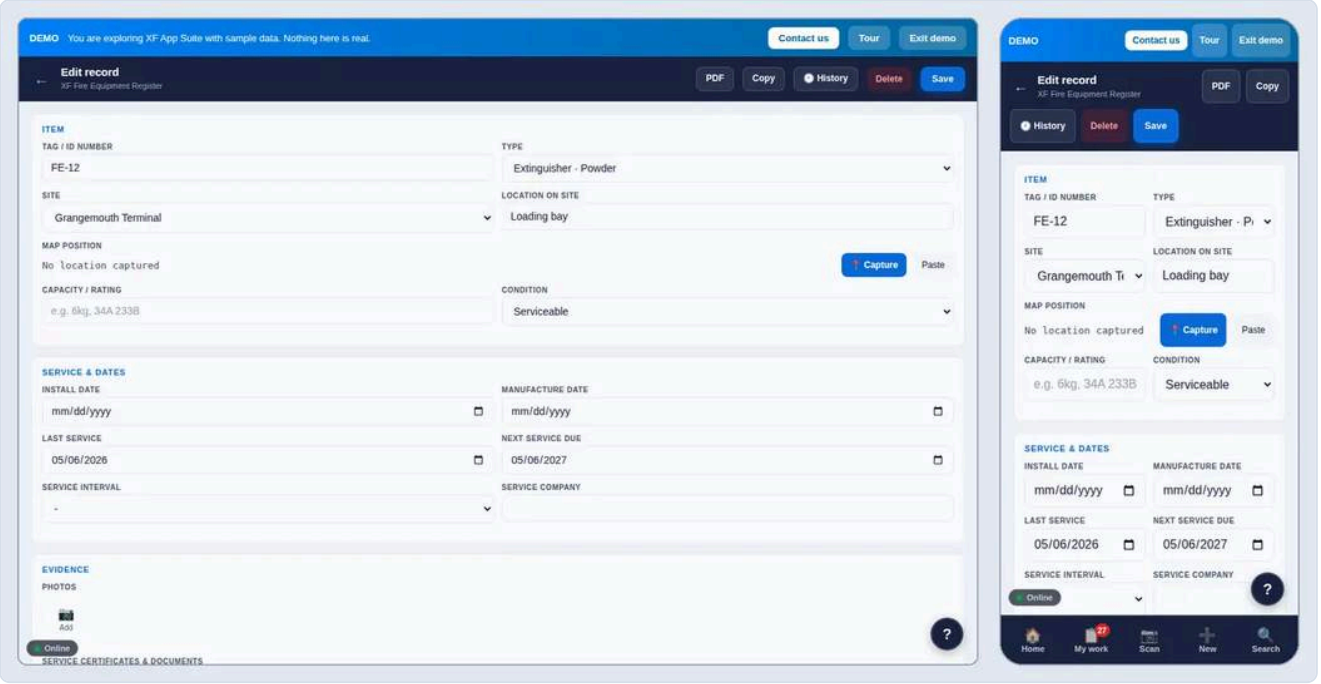
A detector record

XF Fire Equipment Register

Extinguishers, hose reels, alarms, emergency lighting, fire doors and deluge systems with service dates and certificates.



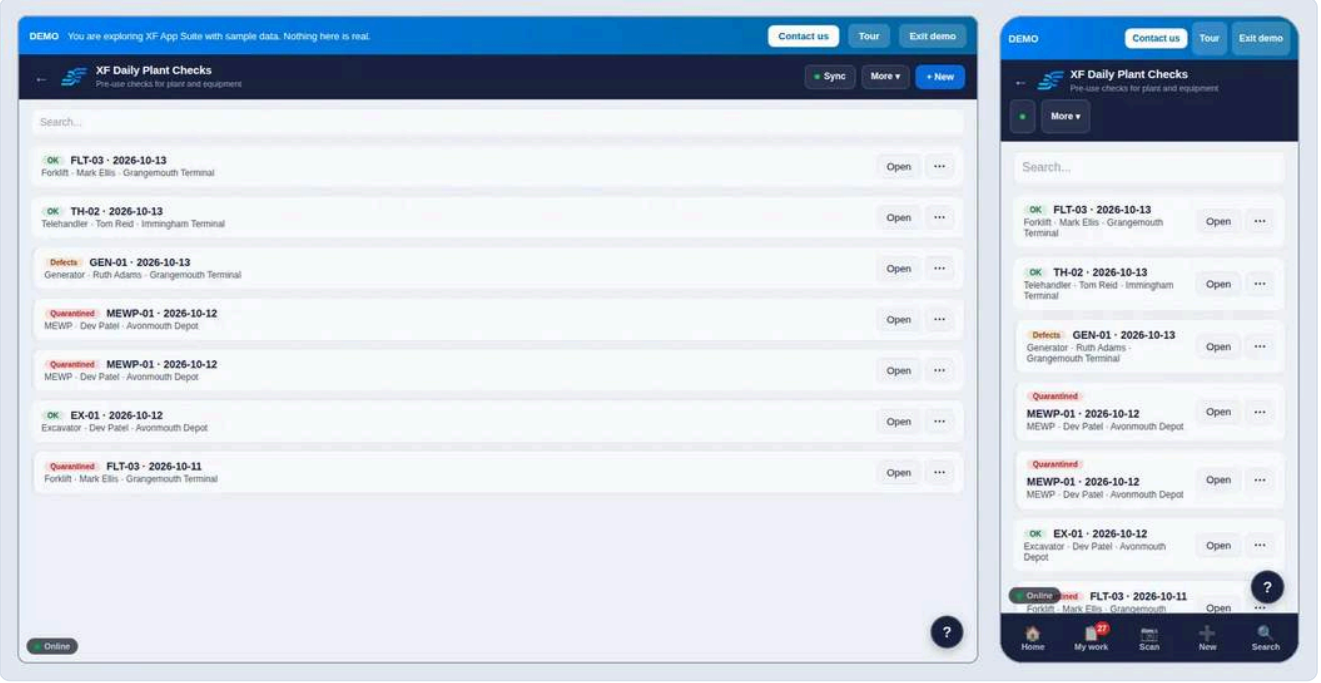
Fire equipment by status



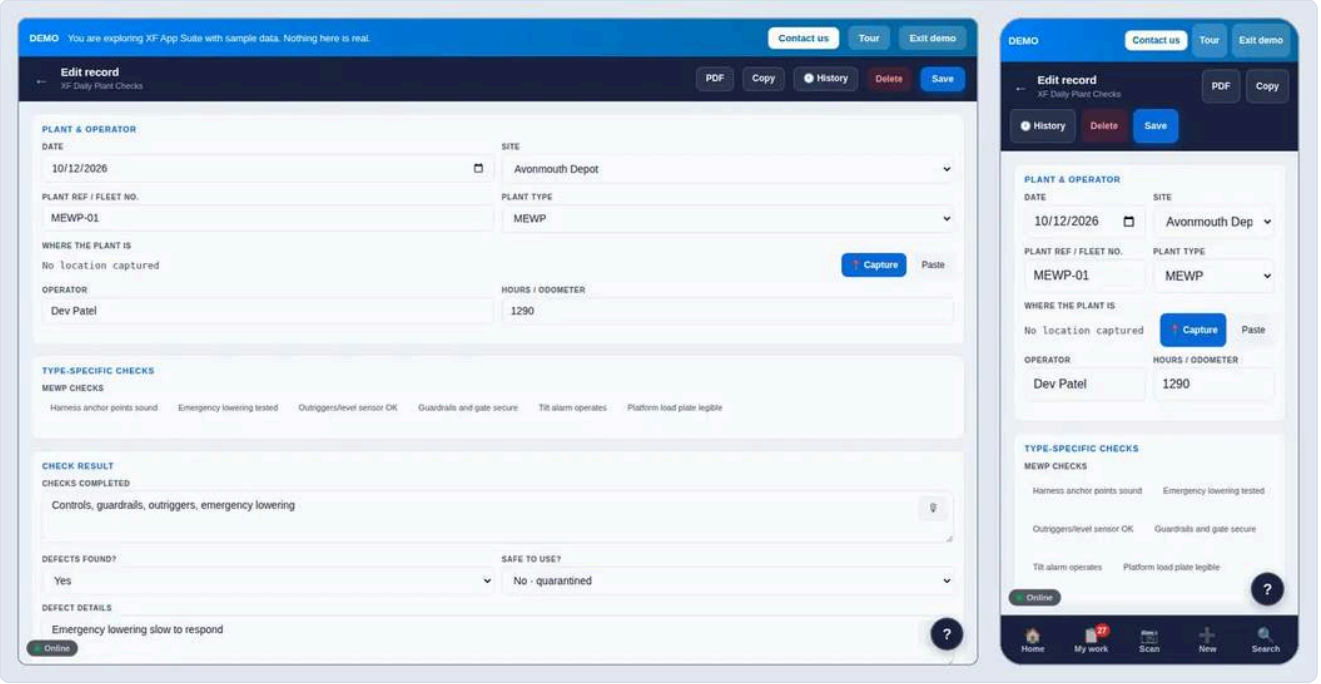
An extinguisher record

XF Daily Plant Checks

Operators complete a pre-use check for their plant type. Defects can quarantine the plant, which then shows *Quarantined* until cleared.



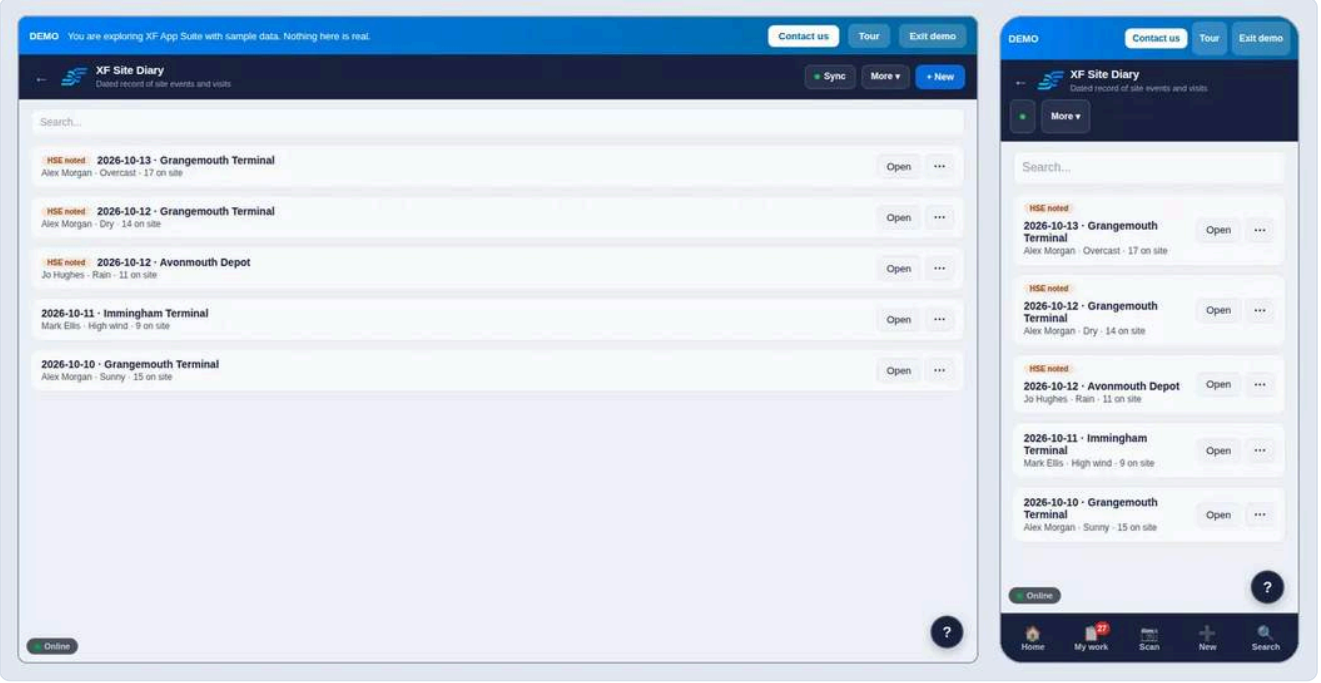
Daily checks



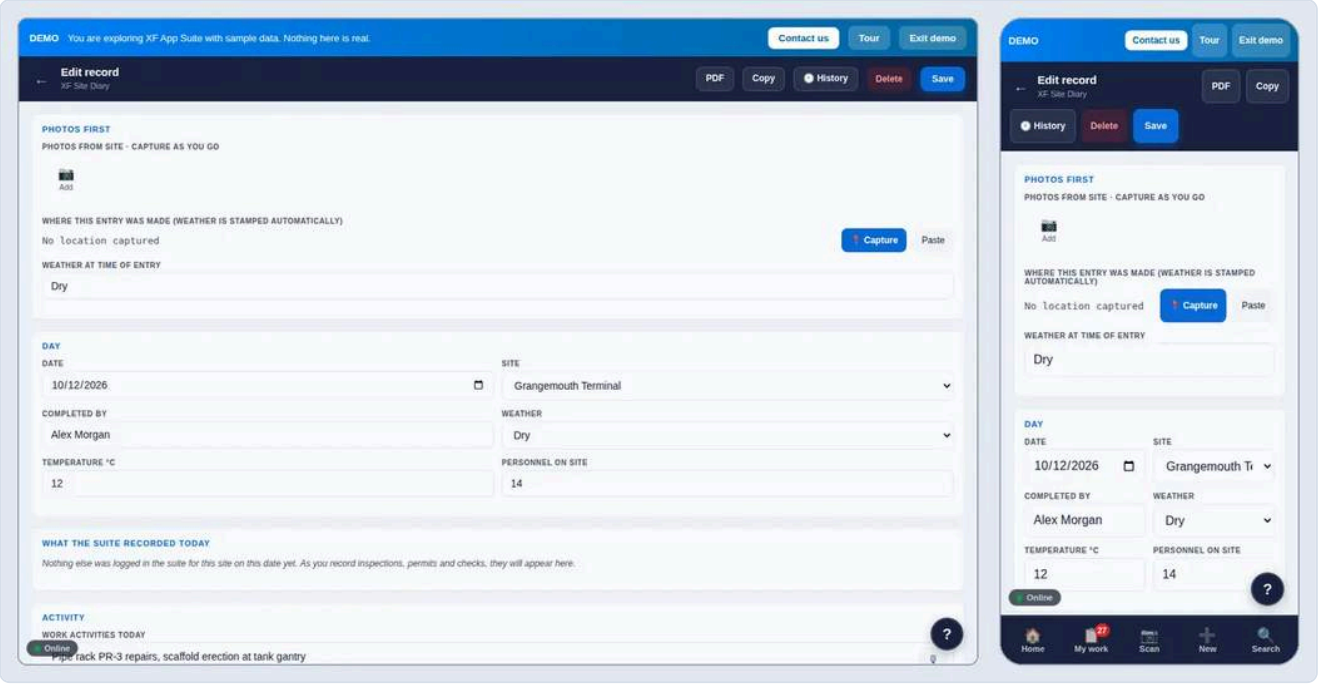
A MEWP check with a defect

XF Site Diary

The daily site record: weather, personnel, plant, activities, delays and visits. **What the suite recorded today** pulls in that day's permits, inspections, incidents and plant checks for the site.



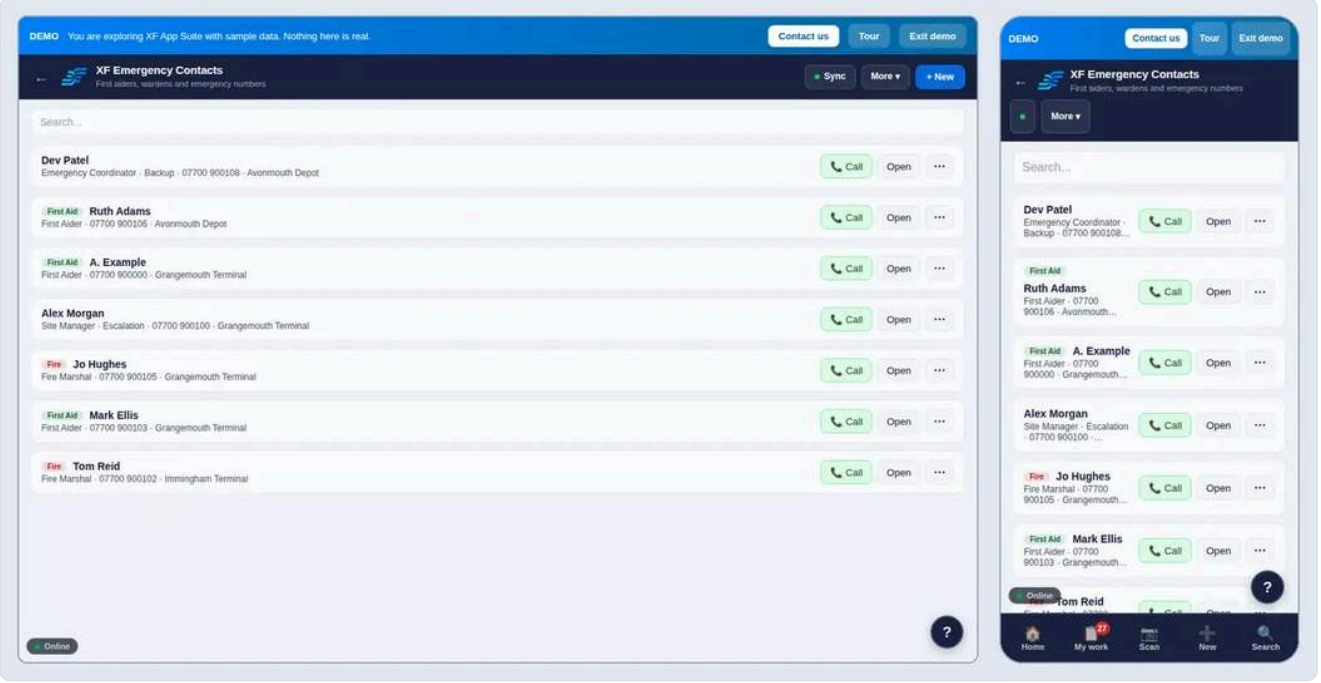
Diary entries



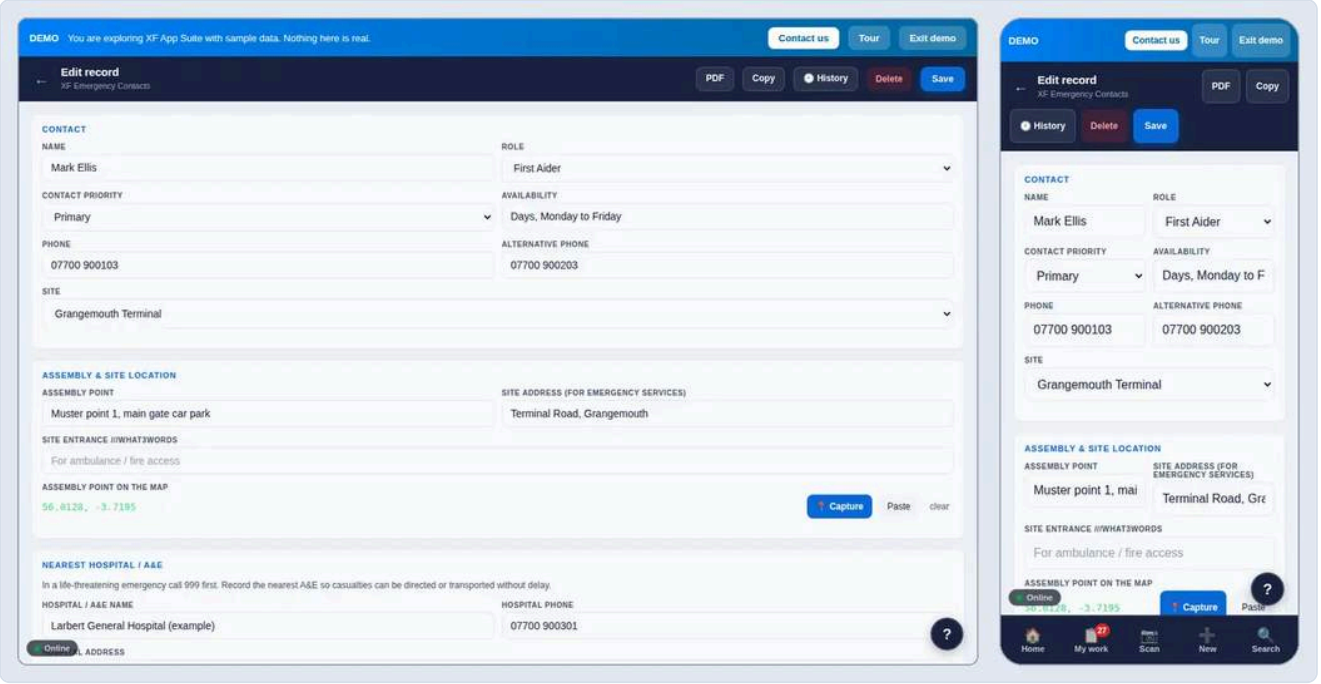
A diary entry

XF Emergency Contacts

First aiders, fire marshals, coordinators and escalation contacts per site, with assembly points and the nearest A&E. **Call** dials straight from a phone.



Emergency contacts



A contact with site emergency details

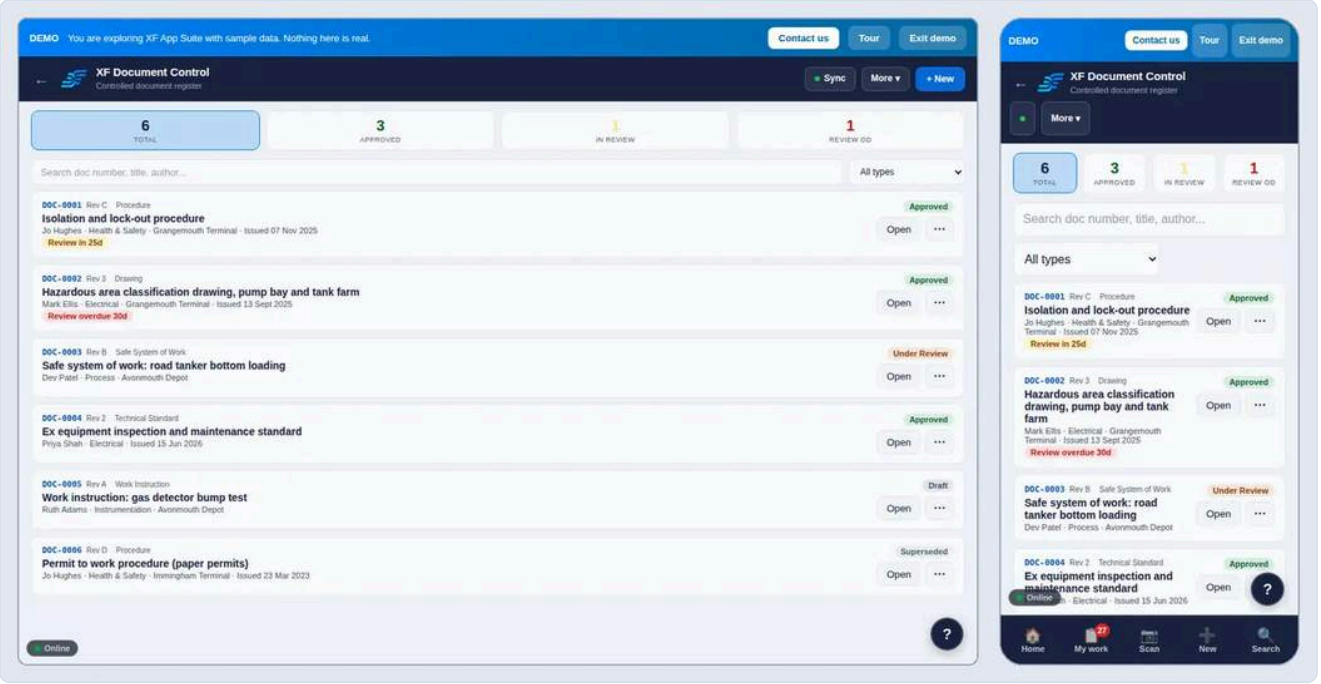
Emergency exercises

Emergency exercises and drills (from the link at the top of Emergency Contacts) records each drill, table-top exercise and test of the emergency plan: the type, date, site, scenario, who took part and which agencies, the alarm and muster times, whether the roll call was complete, the outcome, what worked and what to improve.

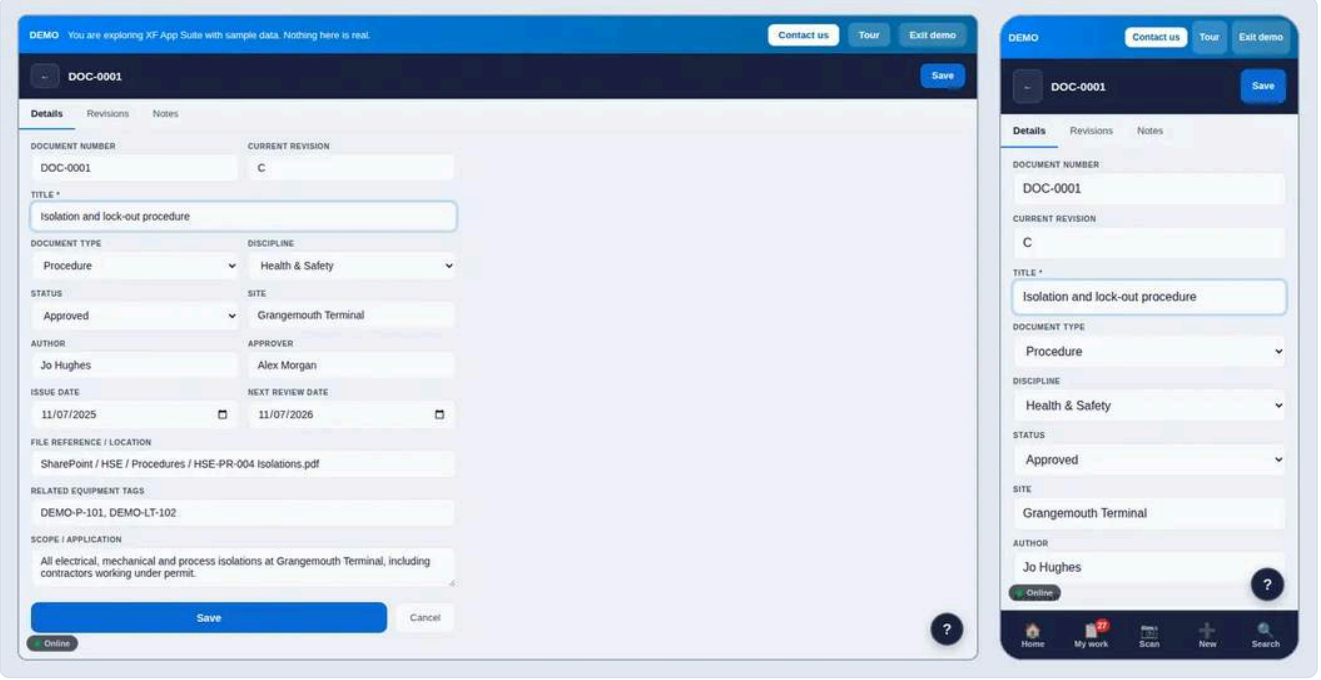
The **Exercise programme** at the top shows, for each site, when each kind of exercise was last done and when it is due: the full test of the on-site emergency plan at least every three years (COMAH 2015 regulation 13 for upper-tier sites), evacuation drills and table-top exercises at least yearly. A full test can also count as the evacuation drill and roll call. Plan an exercise ahead with the status **Planned**.

XF Document Control

Controlled documents with number, revision, type, discipline, status, approver and review date. **Revisions** keeps the history.



Documents by status



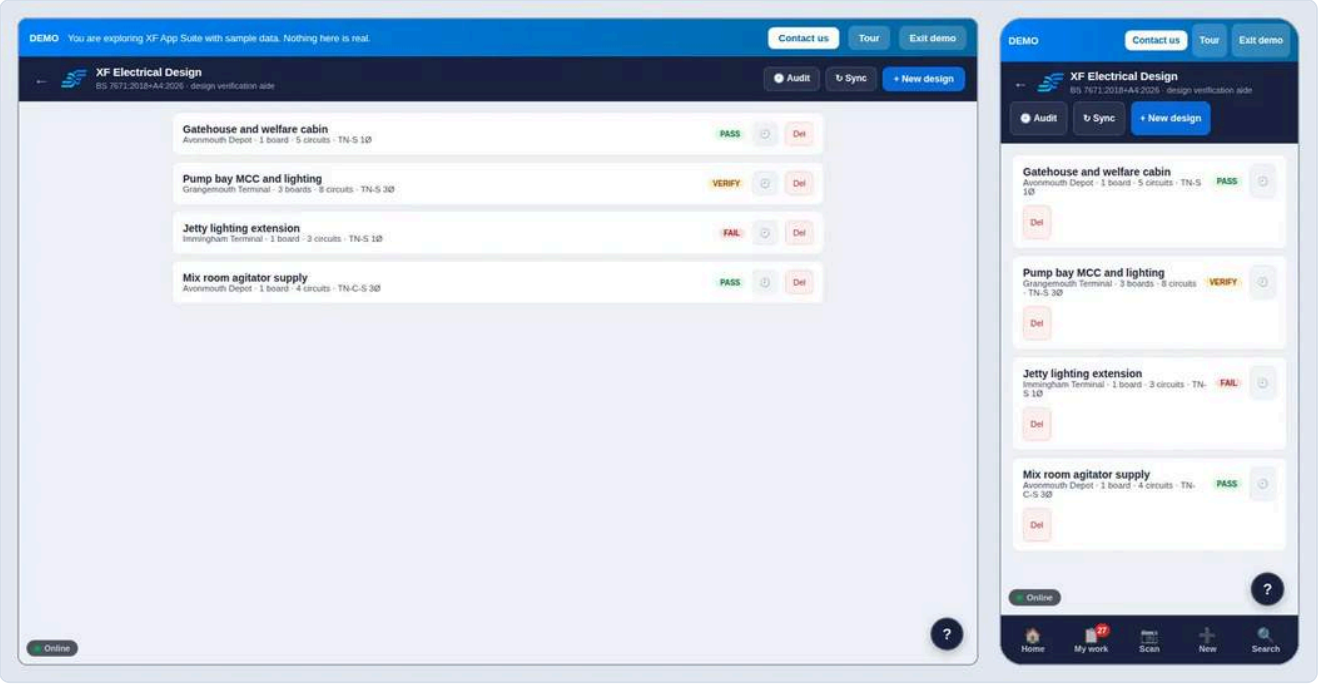
A controlled procedure

XF Electrical Design

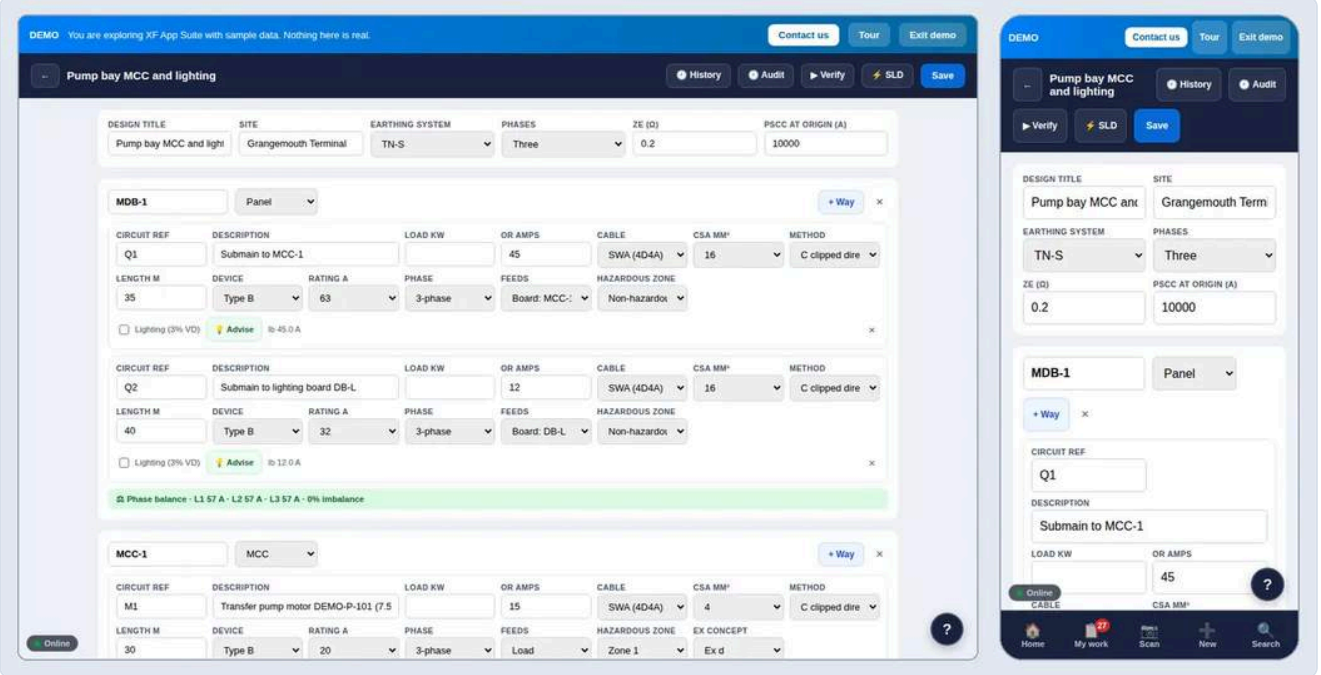
Circuit design and verification to BS 7671.

1. Choose **+ New design** and set the supply (earthing system, phases, Ze and PFC).
2. Add boards and circuits with load, device, cable, length and method.
3. **Verify** checks each circuit; **SLD** draws the single line diagram; **Audit** lists issues.

When the installation is built, choose 🔌 **Test and certify** to start an EIC in Electrical Testing with the supply, boards and circuits already filled in from the design.



Designs with their verdicts

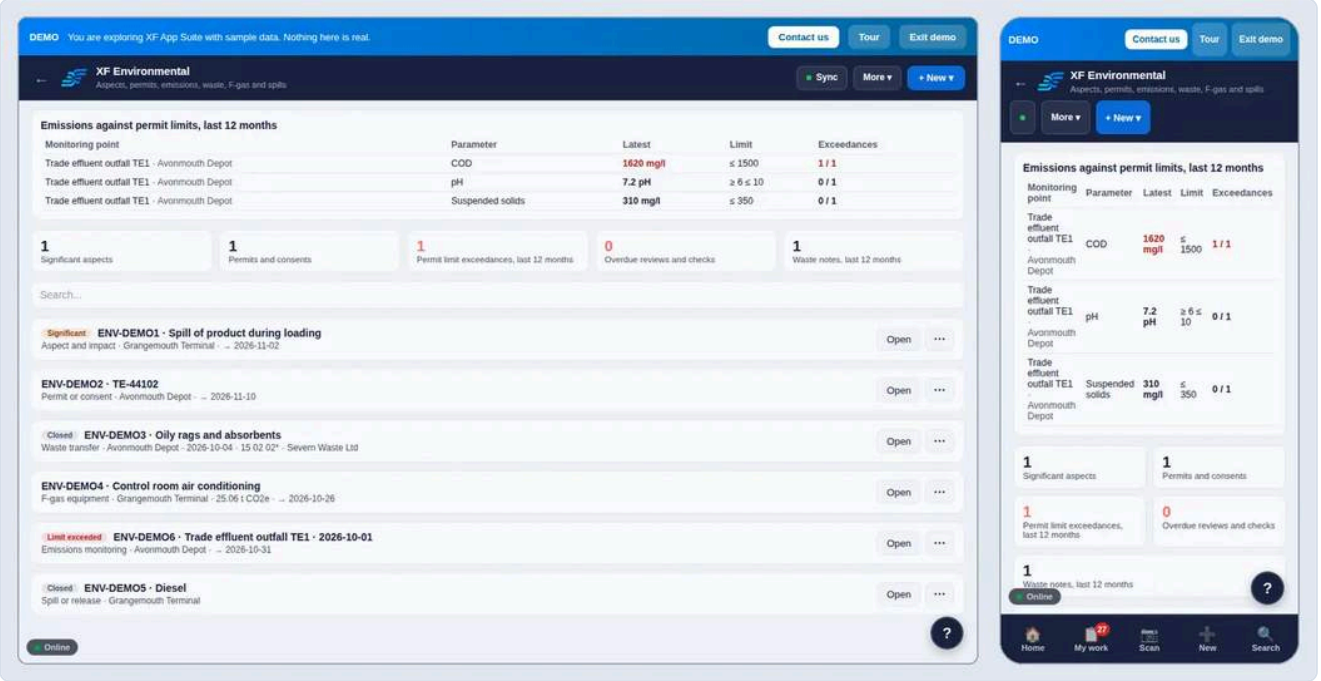


A design with boards and circuits

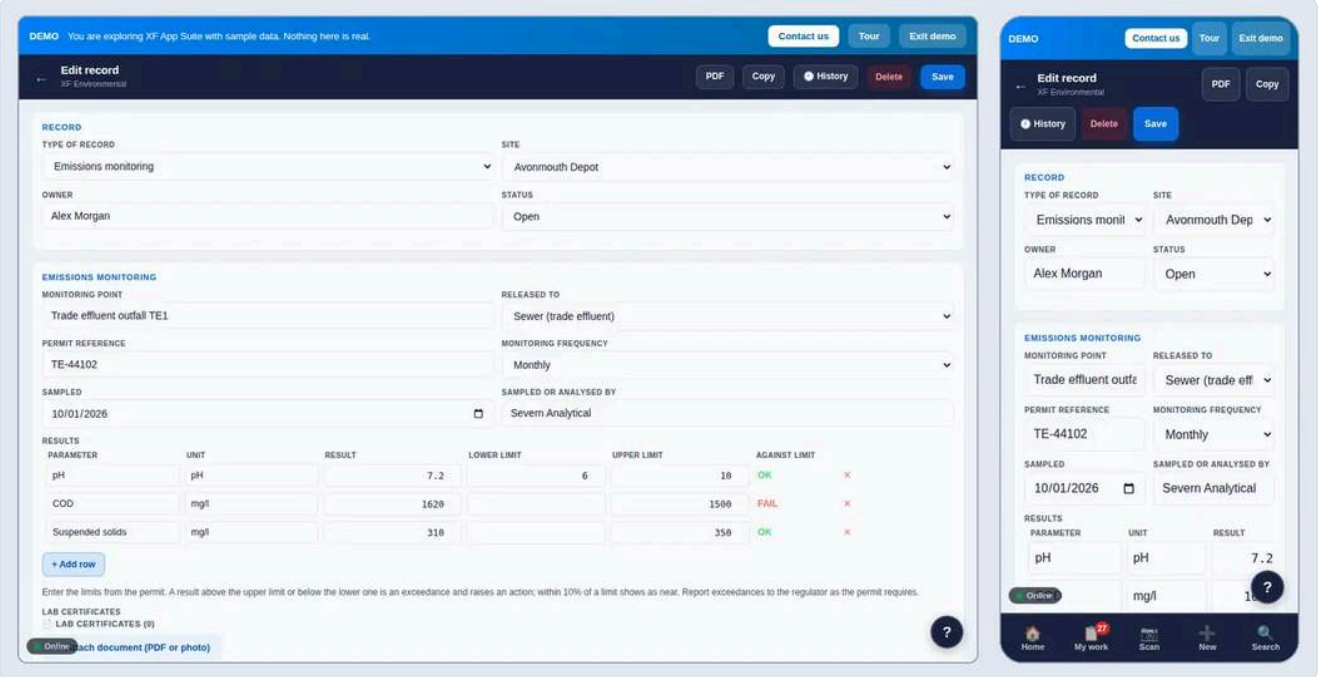
8. Environment, energy and legal

XF Environmental

Choose **+ New** and the record type: aspect and impact, permit or consent, waste transfer, F-gas leak check, spill or release, or **Emissions monitoring**. For emissions, add each parameter with its result and the permit's lower and upper limits; exceedances are flagged and raise actions. The profile at the top shows each monitoring point against its limits.



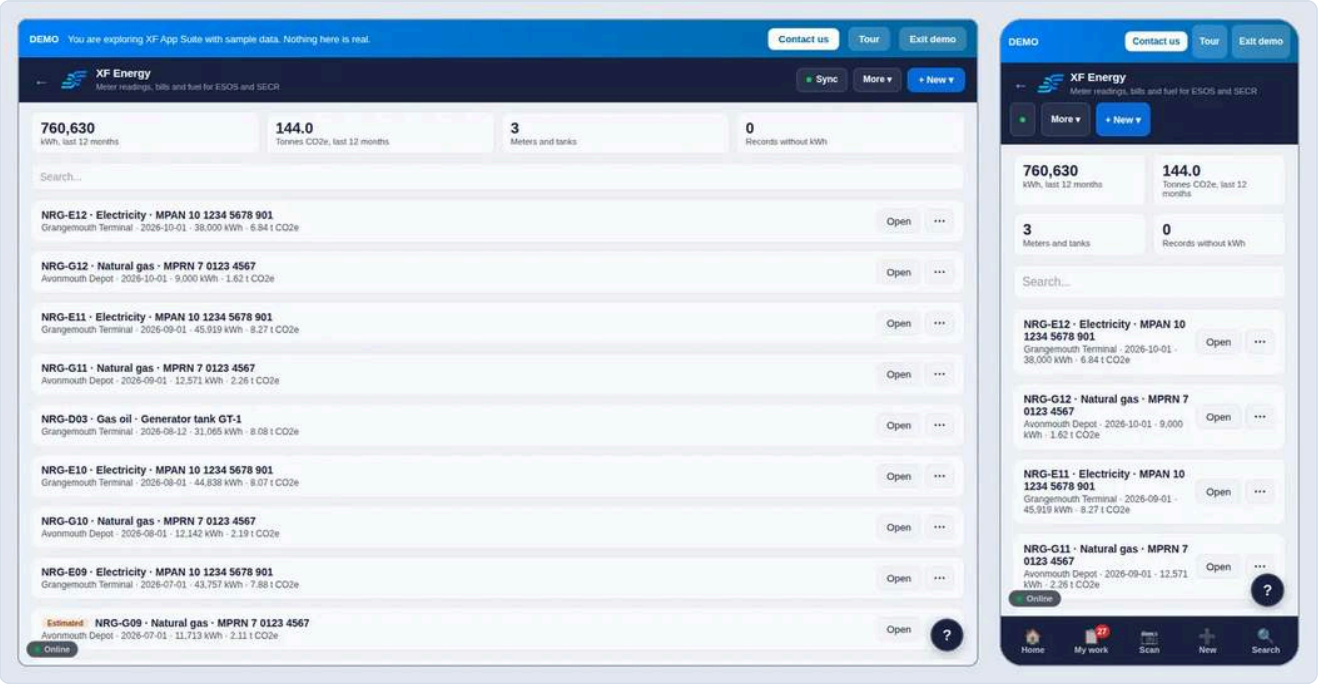
Environmental records and the emissions profile



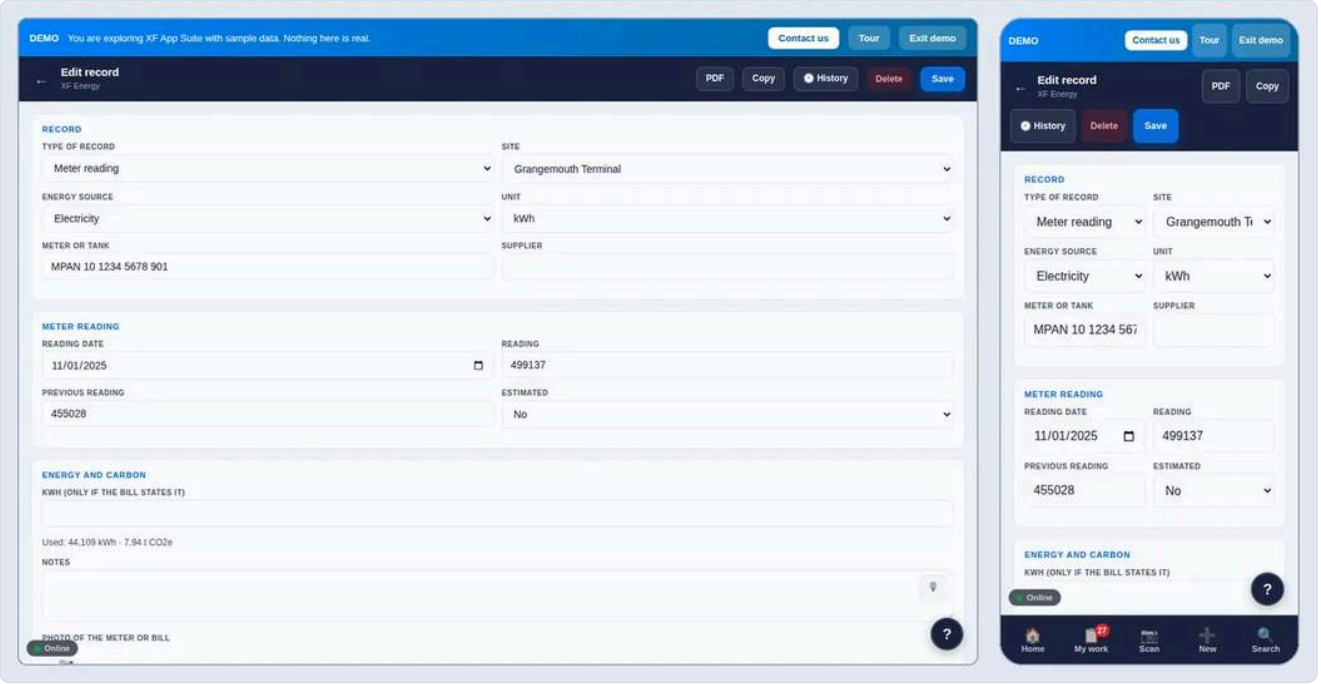
An emissions monitoring record

XF Energy

Record meter readings, bills and fuel. The app converts them to kWh and tonnes of CO2e for ESOS and SECR reporting.



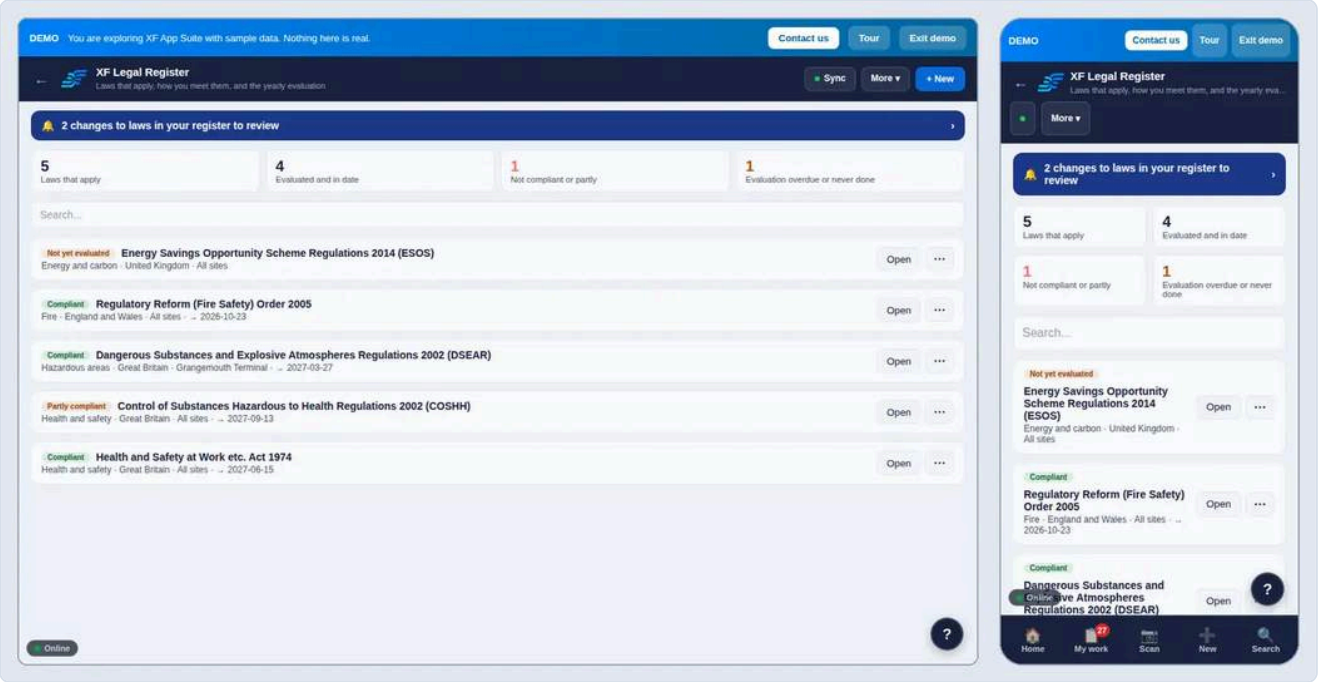
Energy records with totals



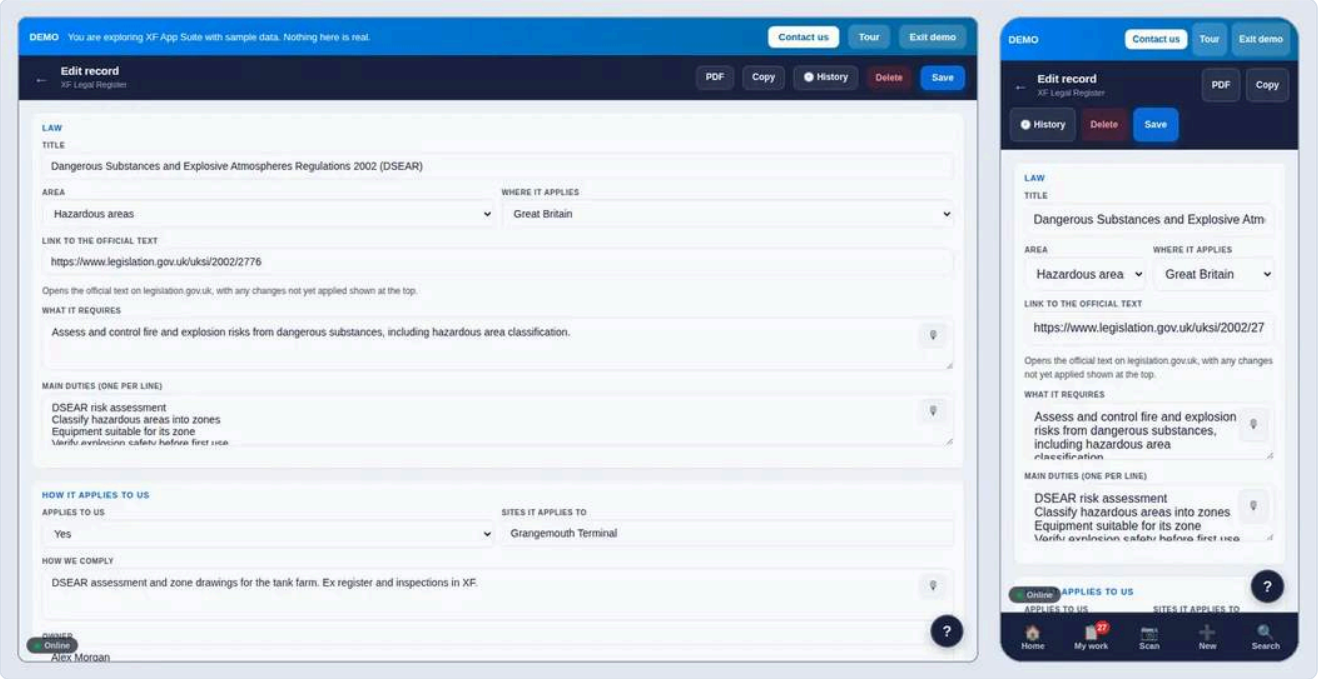
A meter reading

XF Legal Register

The laws that apply to each site, what they require, how you comply and the yearly evaluation. The banner at the top tells you when a law in your register has changed and needs review.



The legal register



A legislation entry

9. Reports and analytics

Analytics shows only the tabs for the apps you have. A customer with health and safety apps but no hazardous area inspection opens straight on **Health & safety** and does not see the equipment tabs.

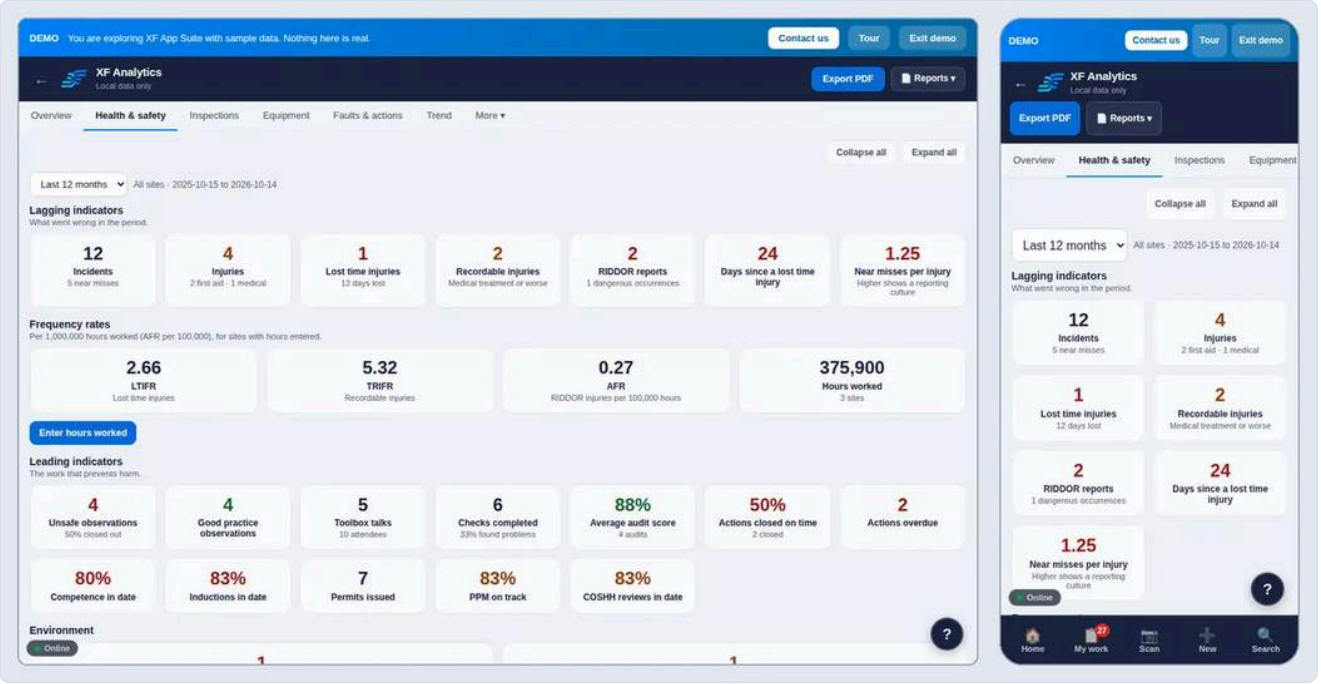
Process safety indicators

1. In **Incident Reporting**, set **Process safety event tier** on any incident that is one: Tier 1 or Tier 2 for a loss of primary containment over the threshold for the material or with serious consequences, Tier 3 for a challenge to the safety systems (a demand on a safety function, a relief valve lifting, a safe operating limit exceeded), Tier 4 for operating discipline. Choose the event type as well.
2. Open **Analytics > Process safety** and pick the period. **Lagging indicators** count Tier 1 to Tier 4 events, losses of containment and demands on safety functions (from incidents and SIF audits), with Tier 1 and Tier 2 rates per 200,000 hours when hours worked are entered on the Health & safety tab.
3. **Leading indicators** show the state of the protection today: safety function proof tests in date, safety functions bypassed or short of their SIL, bow-tie barriers healthy, safety-critical equipment inspected and in date, automation assets with their OG86 review in date, changes past their required date, HAZOPs due for revalidation, process safety actions overdue and the permit spot check score. Each appears only when you have the records behind it.

Health & safety indicators

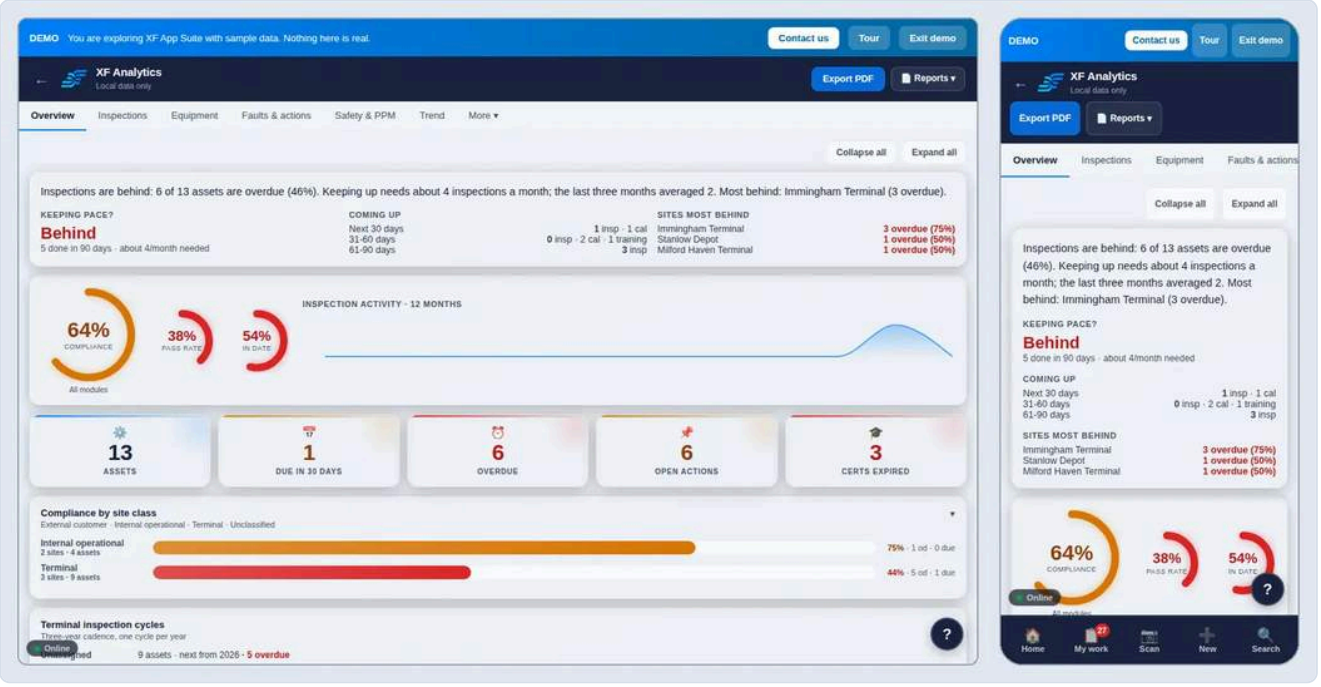
1. Open **Analytics** and choose the **Health & safety** tab. Pick the period: last 12 months, year to date or last 3 months. The site filter on the home screen applies.
2. **Lagging indicators** count what went wrong: incidents and near misses, injuries by outcome (first aid, medical treatment, lost time, fatality), recordable injuries, RIDDOR reports, days lost, days since the last lost time injury and near misses per injury.
3. **Frequency rates** need hours worked. A manager or admin chooses **Enter hours worked** and types the hours for each site and month. The tab then shows LTIFR and TRIFR (per 1,000,000 hours) and the AFR (RIDDOR-reportable injuries per 100,000 hours, as HSE uses). Only sites with hours entered count towards the rates.
4. **Leading indicators** count the work that prevents harm: observations and how many unsafe ones are closed out, toolbox talks and attendance, checks completed, average audit score, actions closed on time and overdue, competence and inductions in date, permits issued, PPM on track and COSHH reviews in date. Each appears only if you have that app.
5. Below are monthly charts of incidents and observations, and a table by site.

For the rates to be right, set **Outcome for the injured person** (and **Days lost** for lost time) on every injury in Incident Reporting.

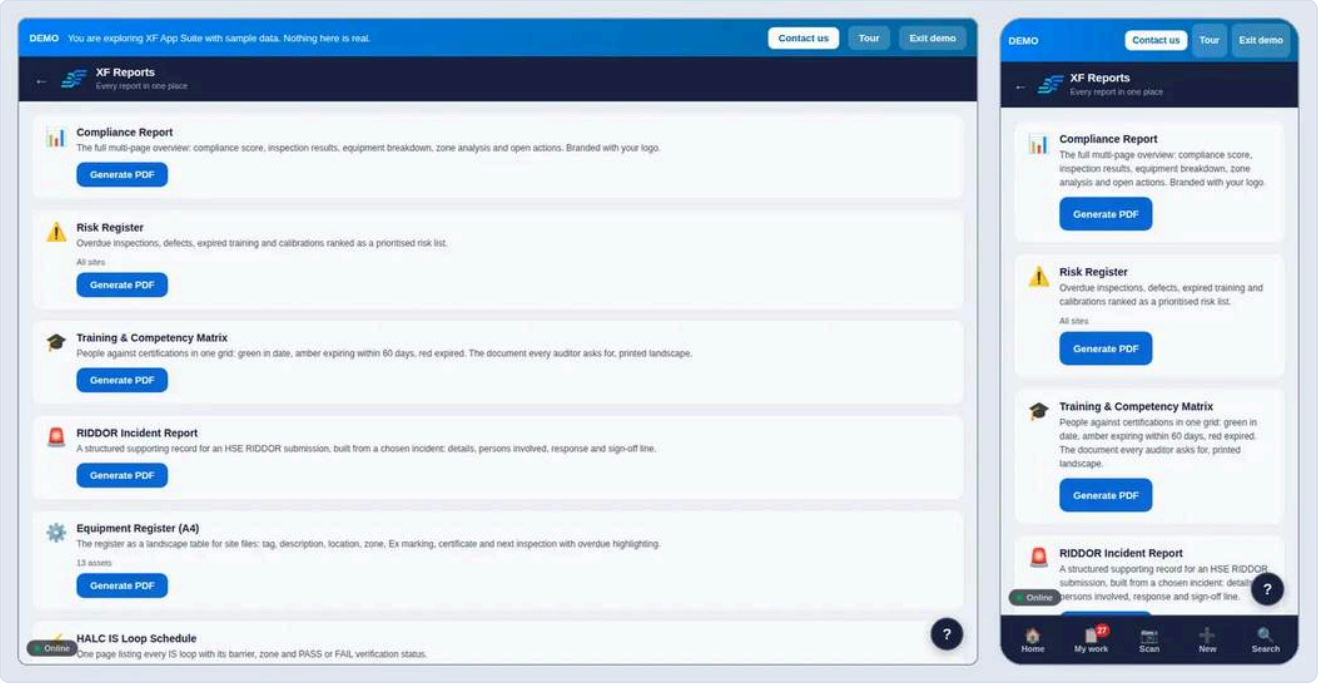


Health & safety indicators

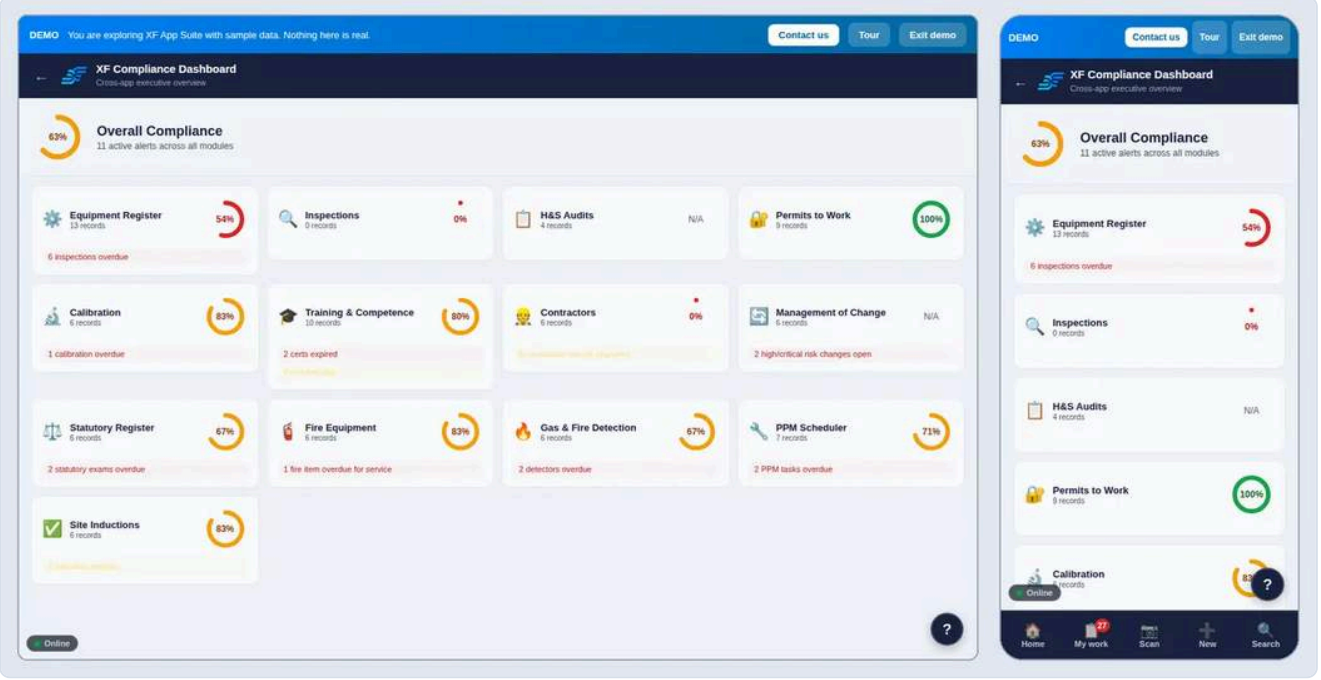
- **Analytics.** Tabs for overview, inspections, equipment, faults and actions, safety and PPM, and trend. **Export PDF** creates a report.
- **XF Reports.** Ready-made PDFs: compliance report, risk register, training matrix, RIDDOR report, equipment register and more. Choose **Generate PDF**.
- **XF Compliance Dashboard.** A score for each app and an overall figure.
- **Due Date Calendar.** Everything due across the suite, overdue first. **Export** adds it to your own calendar.



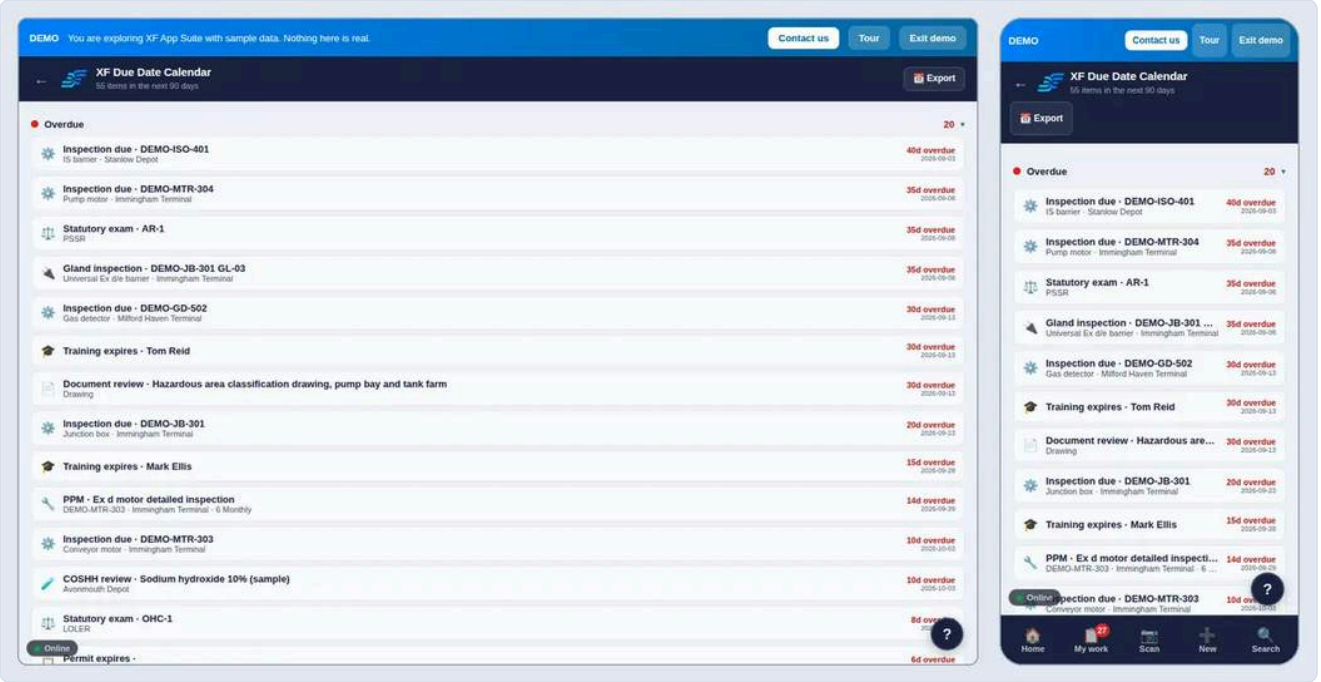
Analytics



XF Reports



Compliance Dashboard

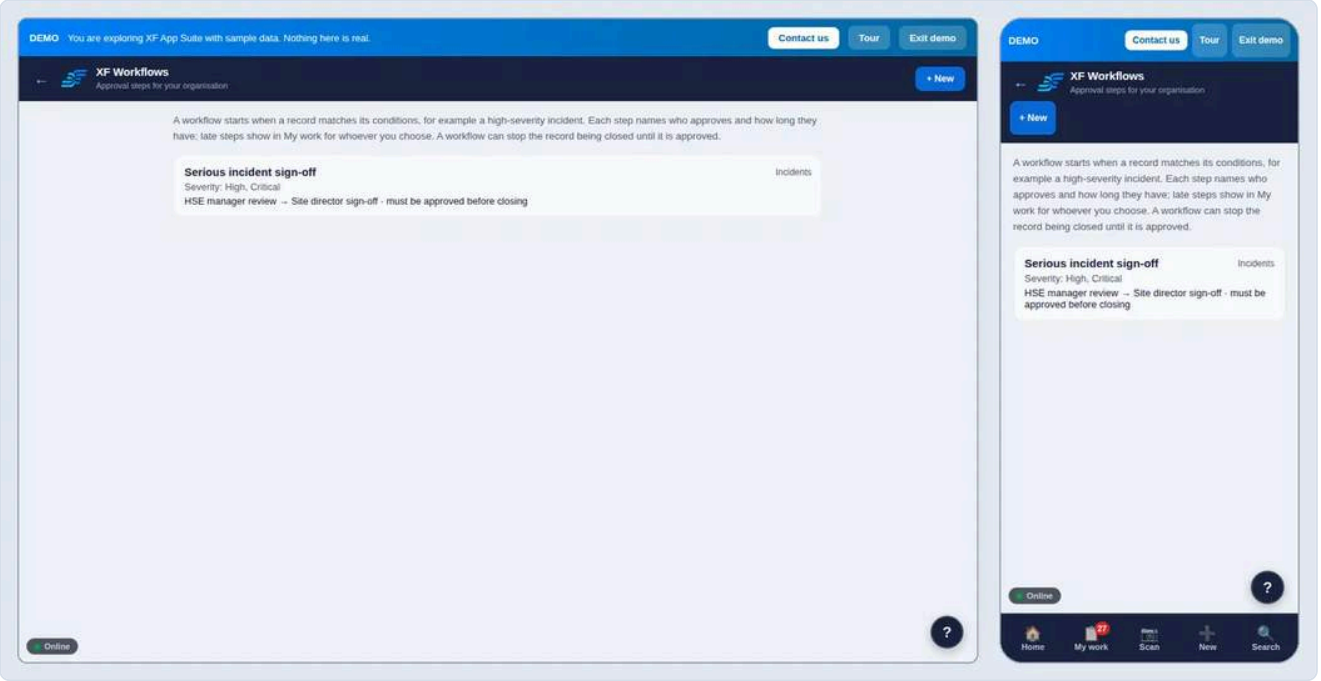


Due Date Calendar

10. Tailoring the suite

XF Workflows

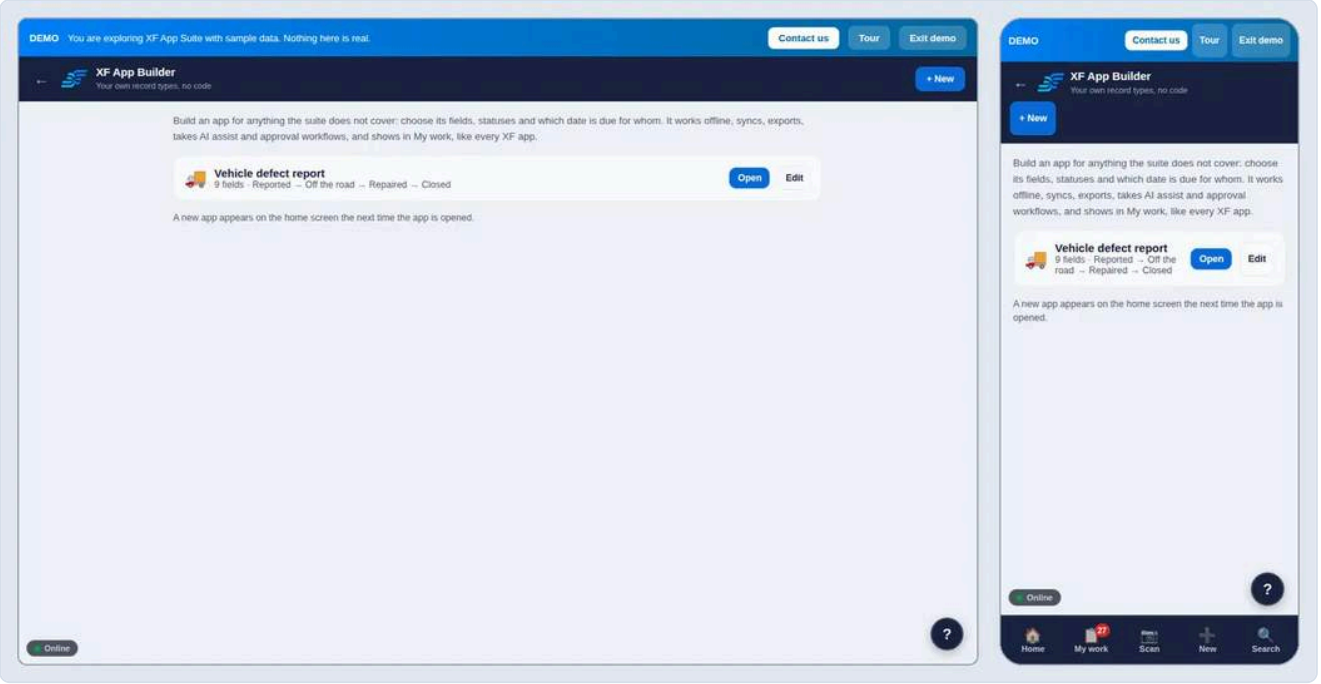
1. Choose **+ New** and pick the app (for example incidents).
2. Set the conditions (for example severity *High* or *Critical*) and the approval steps in order.
3. Matching records show the steps at the top and cannot close until every step is signed.



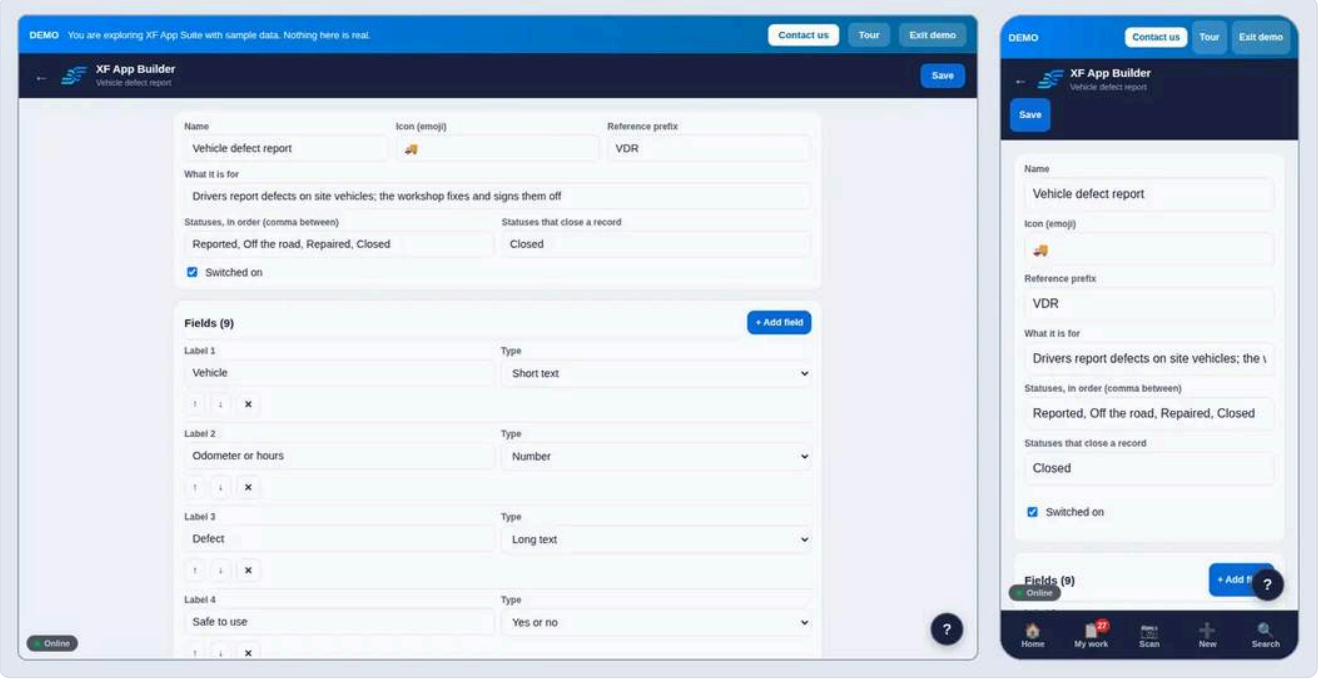
A workflow for serious incidents

XF App Builder

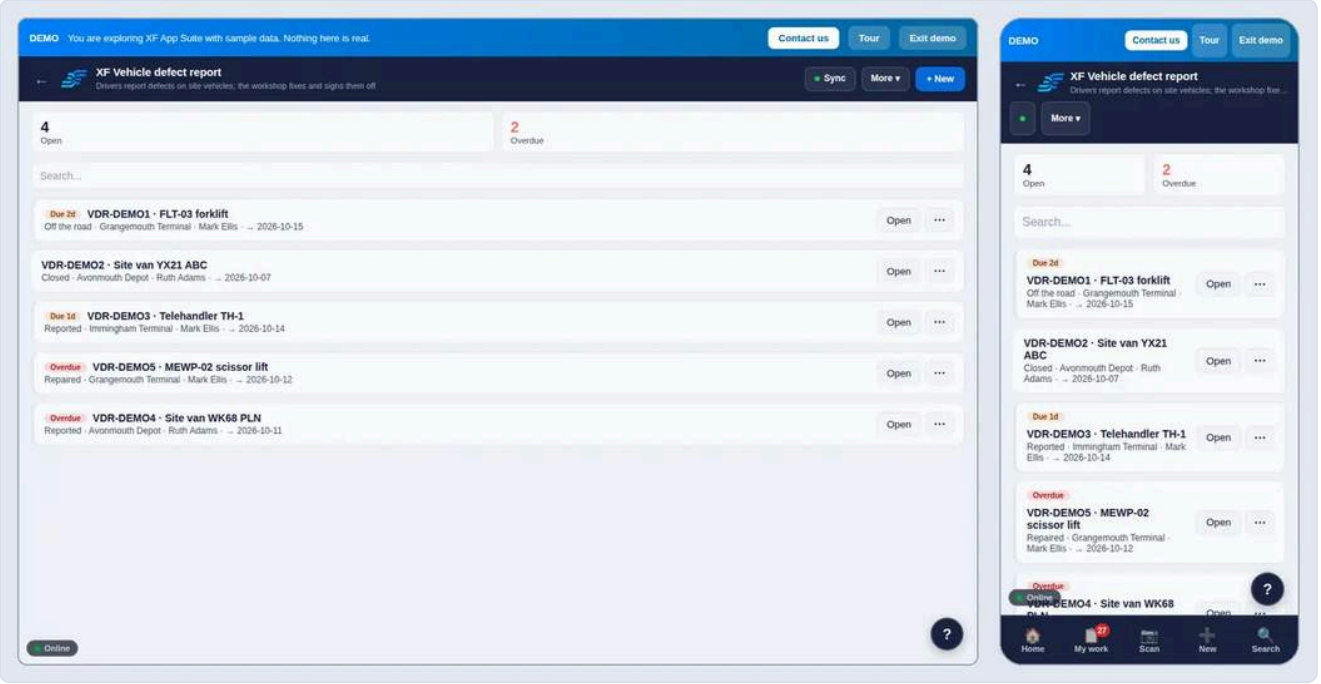
1. Choose **+ New**, or start from a template (vehicle defect report, key register, client complaint).
2. Name the app, choose an icon and reference prefix, and list its statuses.
3. **+ Add field** for each field and pick its type: text, number, date, choice, yes or no, photo or signature.
4. Save. The app appears on the home screen and in My work, works offline and exports like every other app.



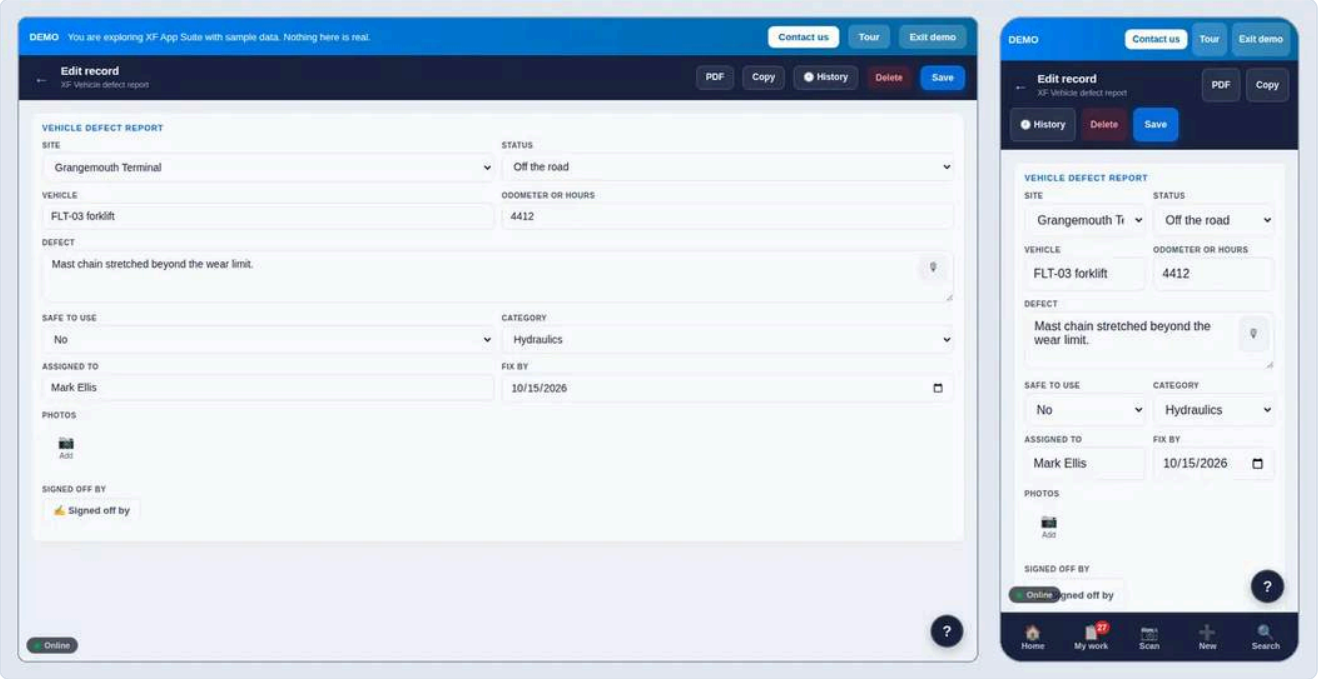
App Builder



Editing an app's fields



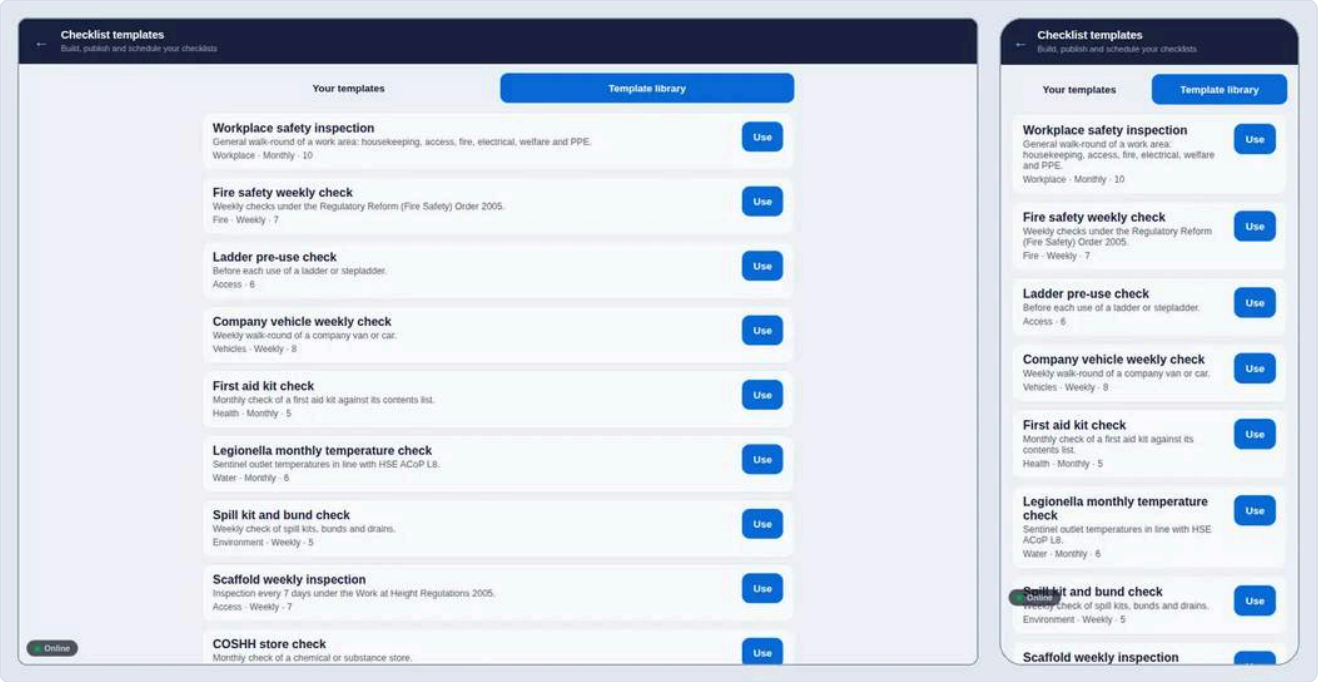
The custom Vehicle defect report app



A defect report

Checklist templates

Under **More > Templates** in Checklists: **Your templates** to build and edit your own, and **Template library** to choose from 22 ready-made checks with **Use**. Templates can be shared with another organisation as a file.



The template library

AI assist

Where your admin has turned it on, look for the ✨ buttons:

- ✨ **Suggest** beside **Save** in any form: clearer wording, suggested values and actions to raise.
- ✨ **Suggest hazards** in the hazard register of a risk assessment: hazards and controls from the scope and method steps, for you to tick. They are added unrated, so you assess the risk yourself.
- ✨ **Ask** on **Analytics > What changed**: questions about your numbers, answered from the counts on the page, with follow-up questions to try.
- ✨ **Draft with AI** for the executive commentary on Analytics (managers and admins).
- **Read the data sheet with AI** in COSHH, and the **root-cause assistant** in incidents.

Settings > Help & support shows whether AI assist is on for you and, if not, why. **Check again** asks straight away.

Using a suggestion:

1. In a record, choose ✨ **Suggest**. It offers clearer wording, suggested values and actions to raise.
2. Choose **Use** or **Raise** for what you want. Nothing changes until you do.
3. In incidents, the **root-cause assistant** proposes the sequence of events, five whys, contributing factors, root cause, actions and lessons. **Use** copies each part into the record.

Names, emails and phone numbers are removed before anything is sent. Requests are processed by Anthropic, the maker of the Claude AI model, which does not use them to train its models.

Switching AI assist on (admins)

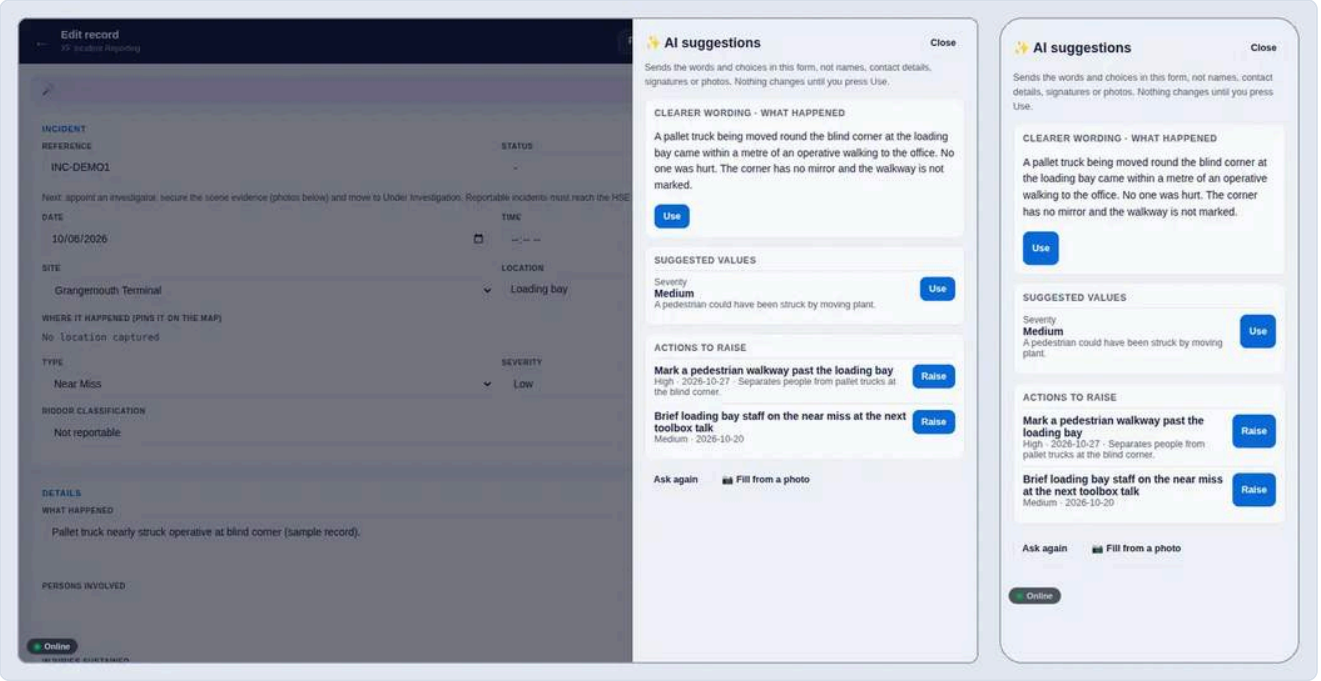
AI assist is paid for as you go: each request uses a few credits, at the price per credit shown in the portal, plus VAT. Your organisation sets a monthly spending limit, so the cost never runs past it.

1. Open the admin portal and go to **Features > AI assist**.

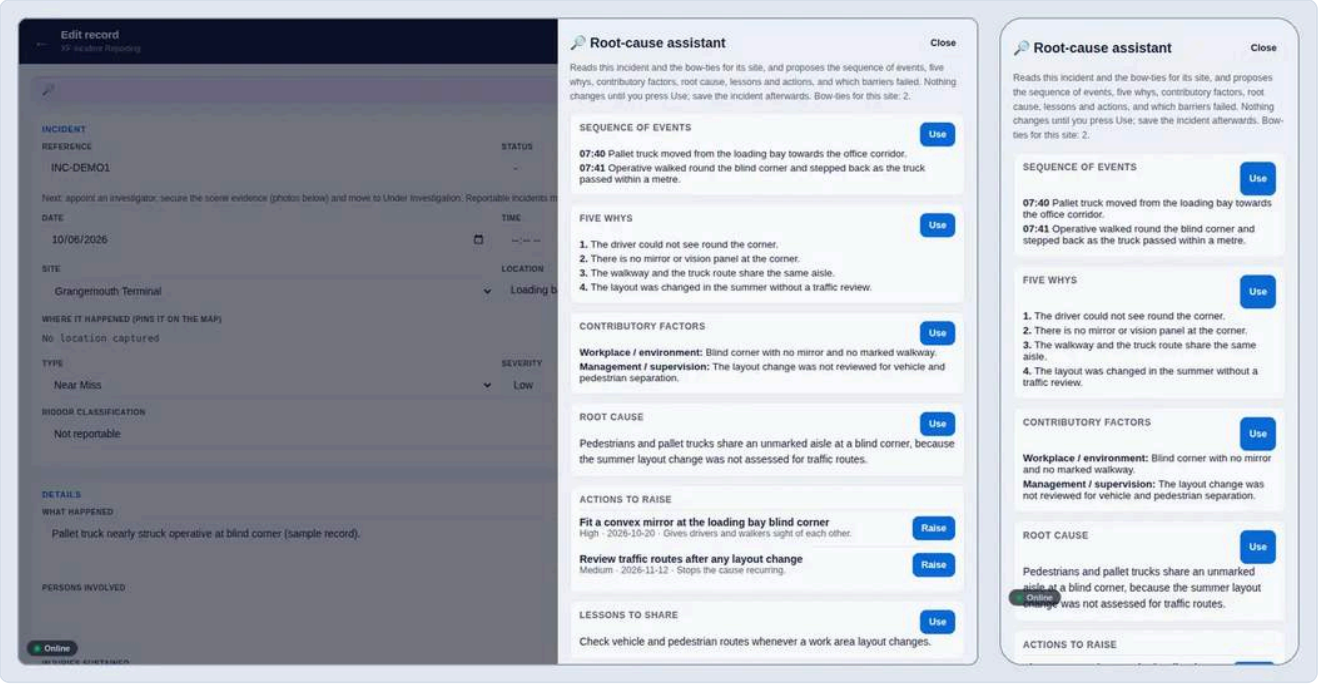
2. Choose **Pay as you go**.
3. Set a **monthly spending limit**. The portal shows roughly how many credits that buys. A typical suggestion uses 1 to 3 credits.
4. Enter the **company name and email for invoices**, and a purchase order reference if you use one.
5. Read and tick the **AI assist terms**, then switch it on. Your name and the time are recorded.

After that:

- Admins and the invoice contact are emailed at **50%, 80% and 100%** of the limit. At 100% AI assist stops until the 1st of the next month, or until an admin raises the limit.
- Each month's use is invoiced at the start of the following month, payable within **30 days**. The invoices are listed under **Features > AI assist** with **View and pay**.
- If an invoice is more than 14 days overdue, AI assist pauses until it is paid, then restarts by itself. Nothing else in the app is affected.
- To stop, choose **Switch off**. Use up to that point is still invoiced.



AI suggestions in an incident



The root-cause assistant

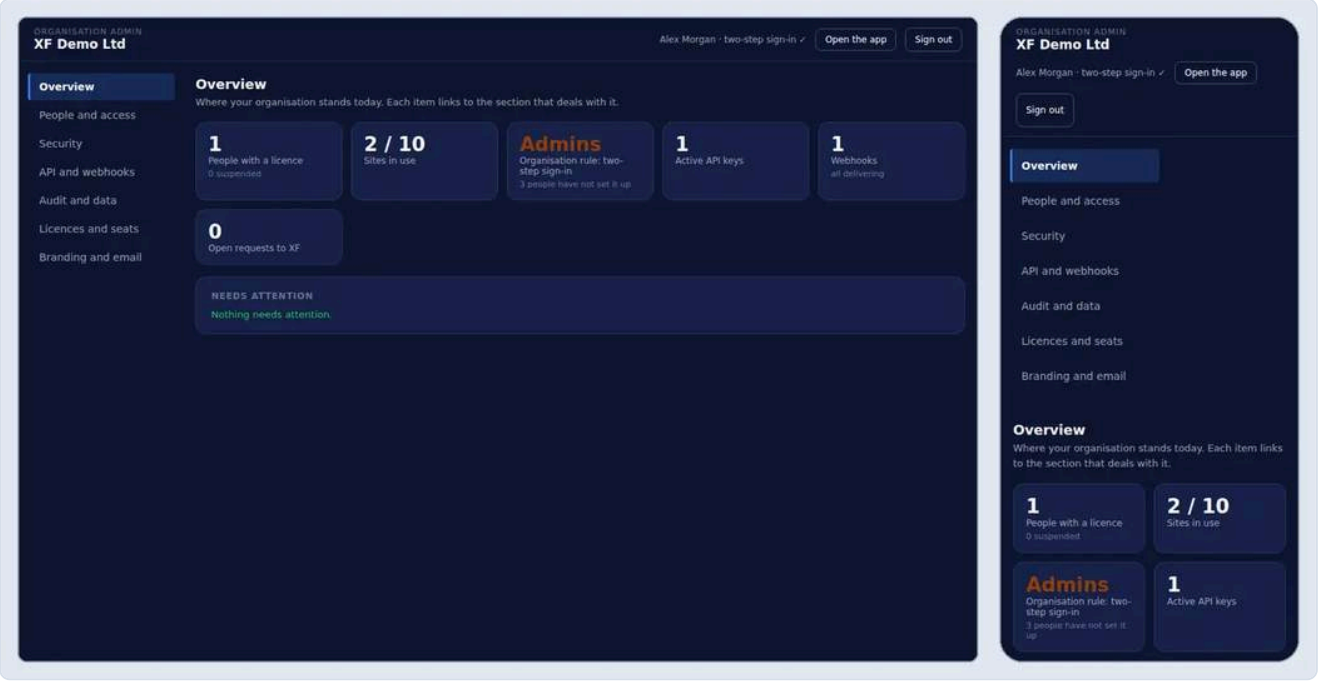
11. Administration

The **Organisation Admin portal** is for admins only and needs two-step sign-in.

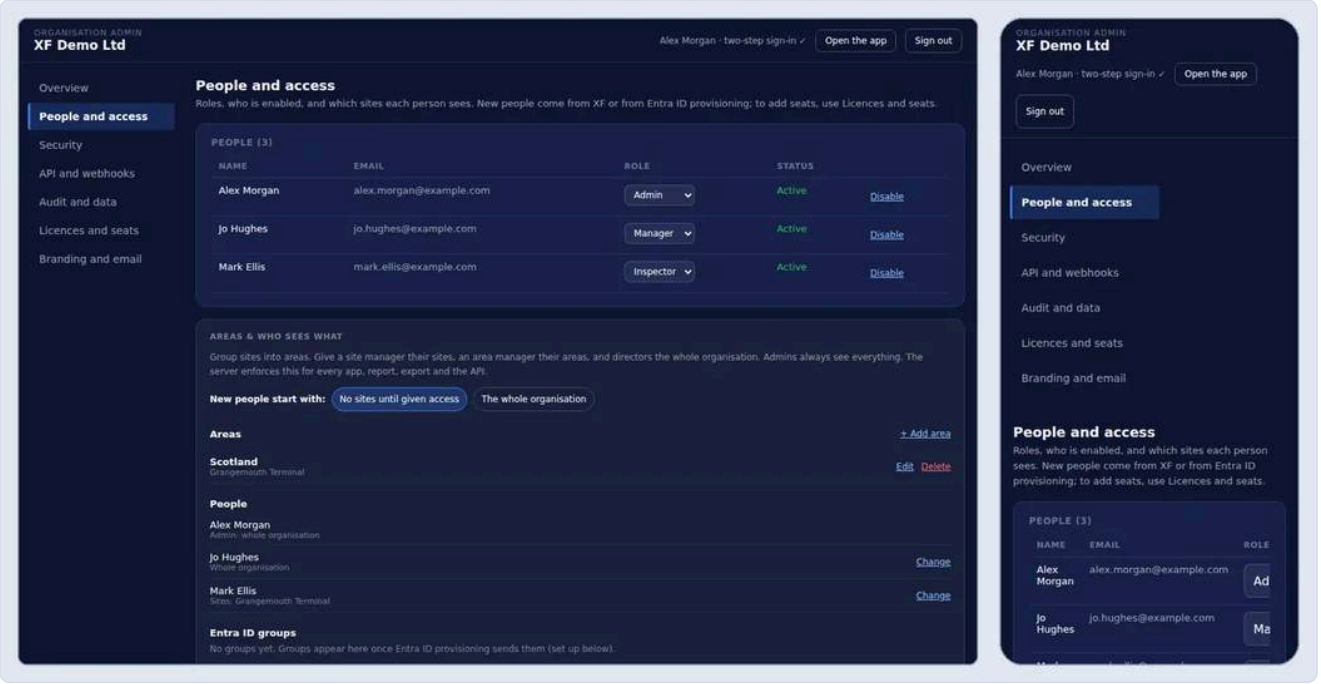
1. **Overview.** People, sites in use, the two-step sign-in rule, API keys, webhooks and anything needing attention.
2. **People and access.** Change roles, disable accounts, and set which areas and sites each person sees. Entra ID groups appear when provisioning is set up.
3. **Security.** Who must use two-step sign-in, session length, password expiry, lockout, password rules, AI assist on or off, and lone working alerts.
4. **API and webhooks.** Create read-only API keys (shown once), copy the Power BI query, and add webhooks for Teams or other systems.
5. **Audit and data, Licences and seats, Branding and email** complete the portal.

Branding (organisation name and logo), people, and guest access codes are managed only in the portal. In the app, **Settings** shows a link to the Admin portal instead. The **Access codes** section of People lists guest codes with their use and expiry, and **Revoke** stops a code working straight away.

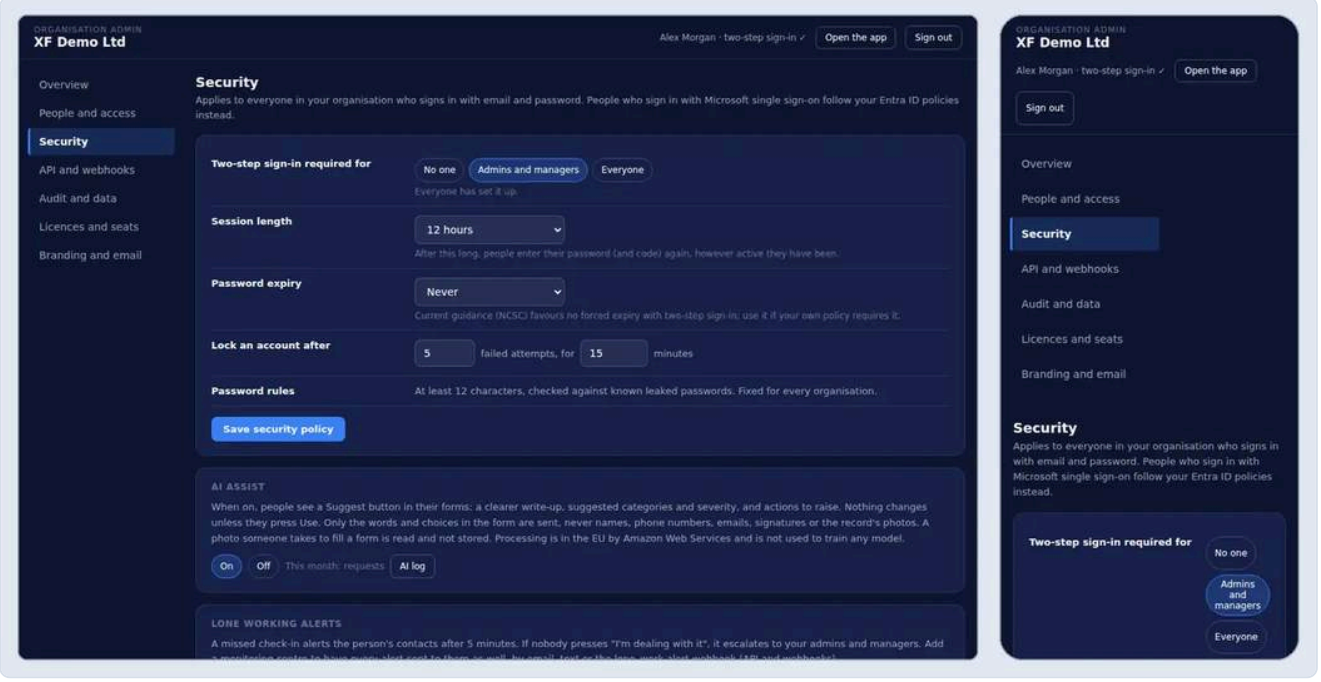
Audit and data exports the audit trail for any date range as a spreadsheet, downloads all of your organisation's data as a ZIP file, and shows your retention dates. See *Your data* below.



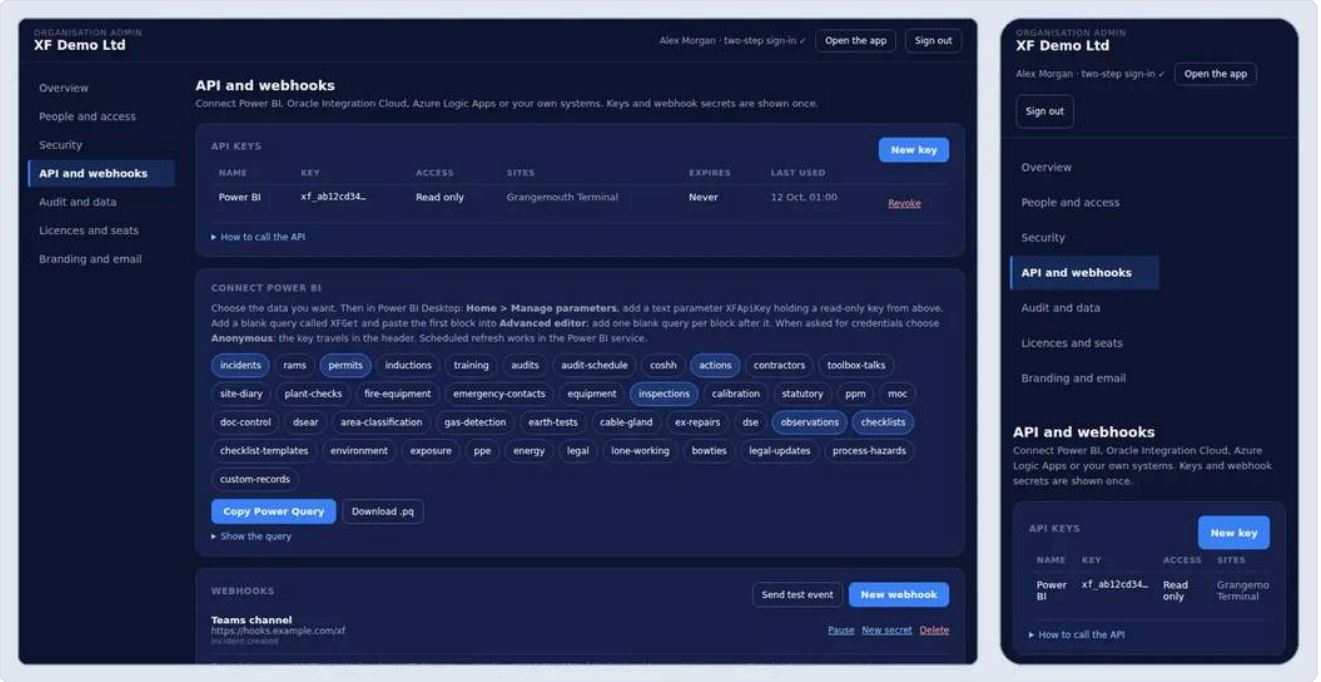
Admin overview



People and access



Security policy



API keys and webhooks

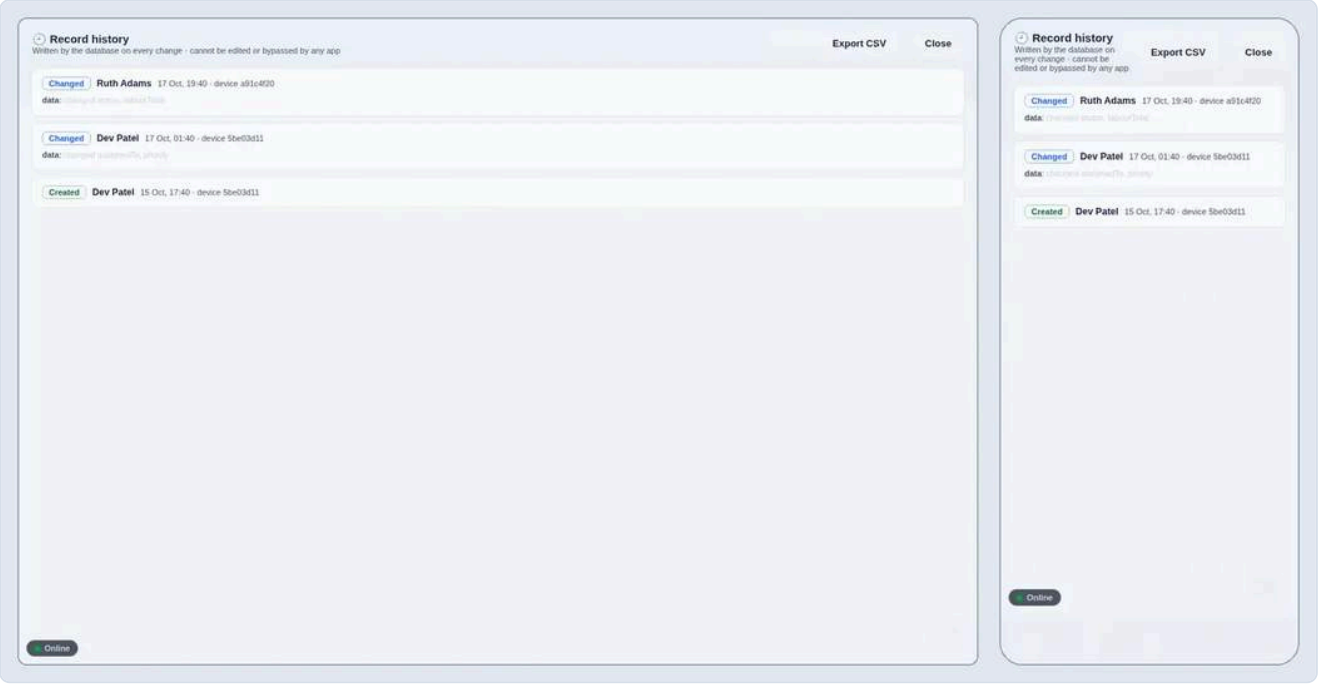
12. Your data: audit trail, backups and sharing

Audit trail

Every create, change, delete and restore in every app is written to the audit trail by the database itself. No app, device or person can edit it or switch it off, and it keeps the trail of a record even after the record is deleted.

One record's history

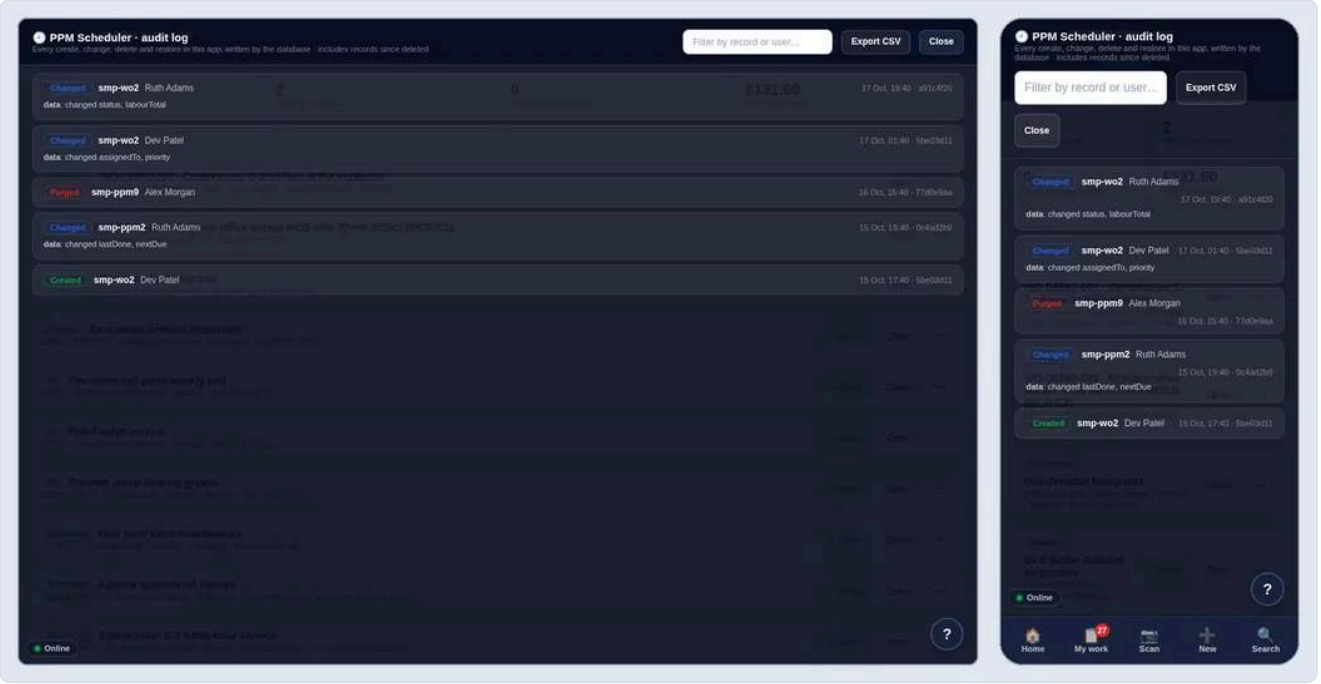
1. Open the record and choose 🕘 **History** in its header, or choose ⋯ on the list line and then 🕘 **History**.
2. Each entry shows what happened (*Created*, *Changed*, *Deleted* or *Restored*), who did it, when, and the device it came from. Changes list each field as old value → new value. A deletion shows the reason given.
3. **Export CSV** saves the history as a spreadsheet for an auditor or an investigation file.



A record's history, with who changed what and when

Everything that happened in an app

1. In the app, choose **More** and then 🕘 **Audit log** (some apps show an 🕘 **Audit** button in the header instead).
2. The log lists the latest 300 events in that app, including records that have since been deleted. Type in **Filter by record or user** to narrow it down.
3. **Export CSV** saves the log.



The audit log for an app

For the whole organisation: admins can export the full audit trail for any date range from **Audit and data** in the Admin portal (see Administration). **Analytics > Data quality > Audit timeline** summarises activity over 90 days, 6 months, 12 months or all time, with an integrity statement for audits and management review.

Deleting and recovering records

1. Only admins and managers can delete. Choose **Delete** in the record header, or 🗑 **Delete** from ⋯ on the list line.
2. Give a reason. The deletion, your name and the reason go into the audit trail. **Undo** on the message straight afterwards puts the record back at once.
3. Deleted records go to the recycle bin rather than disappearing. To recover one, choose **More** then 🗑 **Recycle bin** (or 🗑 **Bin** in the header), find the record and choose ↩ **Restore**. It reappears on every device at the next sync.
4. In the Equipment Register, deleted assets stay recoverable for 30 days, the bin shows the days left, and a recovery must be authorised with your name.

Backups and data protection

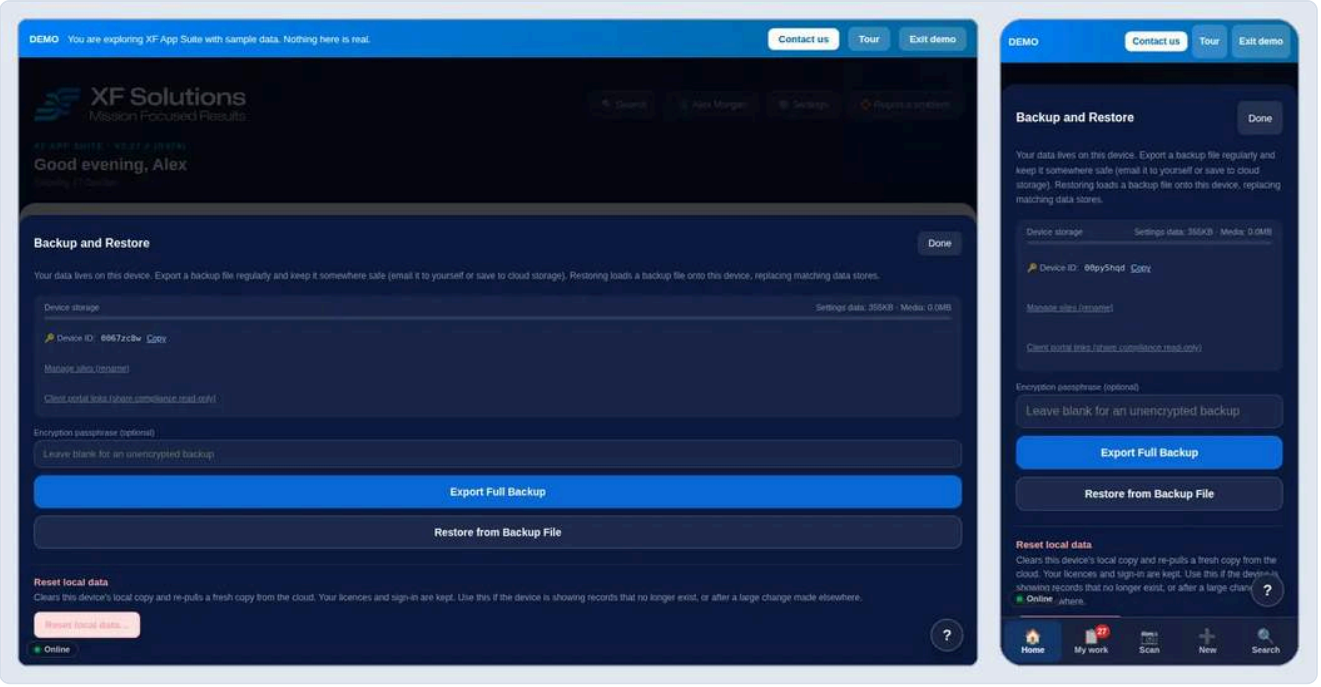
What XF Solutions does for you

- Your organisation's data, photos and documents are backed up every night to separate storage (Cloudflare R2), with an integrity check on every backup. Each night's copy is kept as a new file and never overwrites an earlier one.
- Every connection to the suite is encrypted (HTTPS), and data is held encrypted at rest on managed cloud infrastructure.
- Each organisation can only ever see its own data. This is enforced by the database for every request, not just by the app.

- When a subscription ends you have 90 days to export your data. It is then deleted within 30 days, and the backups holding it expire 30 days after that, so nothing remains after six months. **Settings > Legal > 🛡️ Trust & security** sets this out in full.

What you can do on a device

1. Open ⚙️ **Settings**, then under **Data** choose 💾 **Backup & restore**.
2. The panel shows how much is stored on the device, your **Device ID**, and whether your photos have been shared to your organisation (**Share now** sends any that are waiting).
3. **Export Full Backup** saves everything on the device to a file. Enter an **Encryption passphrase** first to encrypt the file (AES-256). Keep the passphrase safe: it is never stored and nobody, including XF Solutions, can recover it.
4. **Restore from Backup File** loads a backup back onto a device. The suite checks the file's integrity first and tells you if anything does not match.



Backup and restore

Taking all of your data: admins can choose **Download everything (ZIP of JSON)** in **Audit and data** in the Admin portal at any time. The same tab shows your retention dates. **Settings > Data > Export compliance workbook** gives an Excel workbook of your compliance position.

Sharing with clients: the client portal

A client portal link gives a client or auditor a live, read-only view of your compliance position in any browser, with no app, account or licence. Only admins and managers can create, revoke or delete links.

Create a link

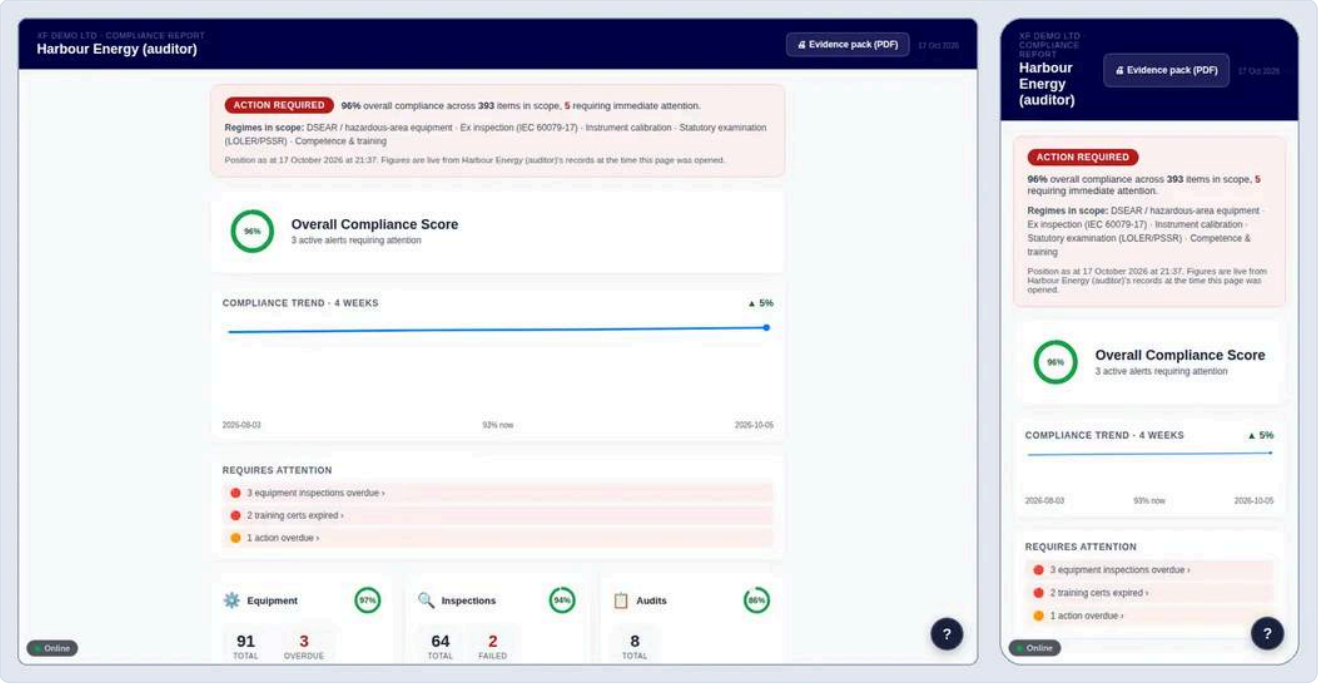
1. Open ⚙️ **Settings > Data >** 💾 **Backup & restore** and choose **Client portal links (share compliance read-only)**.
2. Choose ＋ **New client portal link** and answer three questions: the client or auditor's name, how many months the link should last (leave it blank for no expiry, or type **48h** for a 48-hour auditor day pass), and which site it shows (one site, or the whole organisation).

3. The link is copied for you. Paste it into an email to your client.

Manage links: each link shows whether it is live, until when, expired or revoked. **Copy link** copies it again, **Revoke** stops it working at once (**Reactivate** turns it back on), and **Delete** removes it for good.

What your client sees: an overall compliance score and trend, a card for each area (equipment, inspections, audits, permits, calibration, training, actions, statutory, fire and inductions), compliance by site, and lists of what needs attention: overdue inspections and examinations, defects, expired training and open actions. 🖨 **Evidence pack (PDF)** prints the lot.

Control what clients see of your actions: in the Action Tracker, each action has a **Client portal** section. Tick **Hide this action from the client portal** to keep an internal action private, or write a **Client-facing update** in plain language for the client to read instead of your internal notes.



The client portal as your client sees it

13. Troubleshooting

The suite will not open with no signal. The device has not finished its first download. Connect once, open the suite and each app you need, and it then works offline. Before a site visit with no signal, open the apps you will use while you still have a connection.

It says "No connection · working offline". Carry on working. Everything you record is saved on the device, and sends itself when you reconnect (*Back online · syncing…*). The pill at the bottom left shows *Online* or *OFFLINE · saved to device*.

A save says cloud sync was refused. The record is safe on your device, but your role or licence does not allow that change in the cloud. Check your role with your admin, then press **Sync**.

A colleague cannot see my changes. Press **Sync** in the app header to send your changes and fetch theirs. In the Inspection Tool the button shows how many records are waiting to send. A **NOT SYNCED** badge in the Equipment Register means the record has not reached the cloud yet.

"A new version is ready. Save your work, then reload." Finish what you are typing and choose **Reload now**. If you are not typing, the suite updates itself.

A red licence banner appears. Reload once. If it stays, choose **Contact XF Solutions** on the banner, or ask your admin to check your seat in **Licences and seats** in the Admin portal.

I cannot delete, approve or change something. Your role does not allow it. Deleting needs a manager or admin, and viewers can only read. Ask your admin, who sets roles in **People and access** in the Admin portal.

Numbers look wrong after an update. Close every tab of the suite, open it again and press **Sync**. If that does not help, open **Settings > Data > 💾 Backup & restore** and choose **Reset local data…**. This clears the copy on the device and fetches a fresh copy from the cloud, keeping your sign-in. Back up first if anything on the device has not synced.

"Something went wrong". Your licences and data are safe. Choose **Reload** first. If it happens again, choose 🛟 **Report this problem**: it raises a support ticket with a reference, as Report a problem on the home screen does, or choose **Copy details** to paste them into a message.

Anything else. Choose 🛟 **Report a problem** on the home screen. Give it a short title, say what happened and choose **Send report**. You get a reference such as *XF-2610-0042*: quote it whenever you contact us about it. We email you a copy and every reply. **Your tickets** shows each ticket with its status (*Open, In progress, Waiting on customer, Resolved, Closed*) and the conversation, and you can reply there; a reply reopens a resolved ticket. Offline, choose **Copy report** or **Email it** to info@xfsolutions.tech instead.

Appendix A. Applications at a glance

Each app in the suite, what it is for, and the main standards or regulations it supports. Your organisation sees only the apps it has.

Hazardous areas

App	What it does	Supports
Equipment Register	Ex and general asset register with certification, QR tags, meters and evidence packs	IEC 60079-14, IEC 60079-17
Inspection Tool	Visual, close and detailed Ex inspections, zone sessions and general condition checks	IEC 60079-17
Ex Repair Log	Repair and overhaul records from workshop to return to service	IEC 60079-19
Cable & Gland Register	Glanding completion records per termination	IEC 60079-14
HALC	IS loop verification, L/R and combined L and C checks, loop sheets and DSD	IEC 60079-14, IEC 60079-25
Area Classification	Zone records with source of release, ventilation and mapped extent	IEC 60079-10-1, DSEAR
DSEAR Assessment	Assessments of substances, zones, controls and actions	DSEAR 2002
Earth Testing	Earth rod and bonding continuity tests	BS 7430
Electrical Testing	EICR, EIC, Minor Works and PAT certificates with checked results	BS 7671, IET Code of Practice

Control of work

App	What it does	Supports
Permit to Work	Digital permits, isolations, gas tests, sign-off, permit board and SIMOPS	HSG250
Management of Change	Change requests through review, approval, implementation and close	COMAH good practice

Process safety

App	What it does	Supports
Barrier Health	Bow-ties with each barrier live from its evidence	CCPS bow-tie
Process Hazard Analysis	HAZOP, LOPA and safety function (SIL) records	IEC 61511, IEC 61882
Risk Forecast	A 0 to 100 index of where a serious incident is most likely next	Leading indicators
Risk Register	Every assessed risk on one 5 × 5 matrix	ISO 31000

Health and safety

App	What it does	Supports
Incident Reporting	Incidents, investigation, root cause and RIDDOR	RIDDOR 2013
Safety Observations	Good practice and unsafe observations with photos	ISO 45001 9.1
RAMS	Risk assessments and method statements with signatures	MHSWR 1999
COSHH Assessment	Substance assessments, SDS reading and WEL monitoring	COSHH 2002, EH40
H&S Audit Reporter	5P site audits with scores and actions	ISO 45001 9.2
Audit Scheduler	Calendar of recurring audits, inspections, drills and reviews	ISO 45001
Checklists	Template checks that flag failures and raise actions	Any
Action Tracker	Every corrective action from every app, with client updates	ISO 45001 10.2
Toolbox Talks	Briefings with signatures and quizzes	Any

People and site access

App	What it does	Supports
Site Access	QR sign-in, who is on site and roll call	CDM 2015
Site Inductions	Inductions with expiry, topics and signatures	CDM 2015
Contractor Portal	Contractor accreditation, insurance, pre-qualification and approval	HSG159
Training & Competence	Certificates, role requirements and the training matrix	CompEx, ISO 45001 7.2
DSE Assessment	Self-assessments with reviewer sign-off	DSE Regulations 1992
PPE Register	PPE issue and RPE face-fit tests	PPE at Work 2022
Lone Working	Timed check-ins with alerts to contacts	HSE INDG73
Exposure Monitoring	Vibration, noise, air sampling and LEV examinations	HAVS, Noise, BS EN 689

Registers and maintenance

App	What it does	Supports
Statutory Register	LOLER, PSSR and PUWER examinations	LOLER, PSSR, PUWER
PPM Scheduler	Planned maintenance by date or meter, and work orders with labour and parts	ISO 55001
Calibration Register	Instruments with as-found and as-left results	ISO 9001 7.1.5
Gas, Fire and Heat Detection	Detectors, set points, bump tests and events	BS EN 60079-29-2
Fire Equipment Register	Extinguishers, alarms, lighting, doors and fixed systems	BS 5306, BS 5839

App	What it does	Supports
Daily Plant Checks	Pre-use checks with quarantine of defective plant	PUWER 1998
Site Diary	Daily record with what the suite recorded that day	Any
Emergency Contacts	First aiders, marshals, assembly points and nearest A&E	Any
Document Control	Controlled documents with revisions and reviews	ISO 9001 7.5
Electrical Design	Circuit design, verification and single line diagrams	BS 7671

Environment, energy and legal

App	What it does	Supports
Environmental	Aspects, permits, waste, F-gas, spills and emissions	ISO 14001
Energy	Meter readings, bills and fuel as kWh and CO2e	ESOS, SECR
Legal Register	Applicable law per site with change alerts	ISO 45001 6.1.3

Reports and set-up

App	What it does	Supports
Analytics	Compliance, H&S indicators, trends and data quality	LTIFR, TRIFR, AFR
Reports	Ready-made PDF reports	Any
Compliance Dashboard	A score per app and overall	Any
Due Date Calendar	Everything due across the suite	Any
Workflows	Approval steps for matching records	Any
App Builder	Your own apps with your own fields	Any
Admin portal	People, security, API, audit and data, licences, branding	ISO 27001
Client portal	Read-only compliance view for clients and auditors	Any

Appendix B. Release history

Every release of the suite, newest first, with the headline changes. The full notes for recent releases are under **Settings > Help & support > What's new**.

Version	Headline changes
V3.42.0	Inspections step by step: grade first, tabs that turn green, Next at the bottom of every tab, a Sign off tab, Save draft and Complete inspection; inspector, company, instrument and zone filled in; readings that fit the protection concept; copy as a new draft with answers cleared; Back returns to the same place; Management and Inspector home views; emergency exercises with the three-yearly plan test; bulk assign and close.
V3.41.0	Network diagram of a site's control network with zones, conduits and findings for the OG86 assessment; Ex suitability checked inside the inspection; zone sessions return for the next asset; equipment tag in its own box; no repeat password changes.
V3.40.0	Onboarding and training with sign-off and certificate; welcome for new people and helpful empty screens; guided organisation setup; plain-language (i) help on technical fields; one shared style across the newer apps.
V3.39.1	User guide shows the account's apps (Show all apps for the rest); Process safety tab in Analytics with tiered events and leading indicators; training gate for permits; permit spot checks; Tidy zone values.
V3.39.0	Automation (IACS) assets to HSE OG86 with the Cyber (OG86) tab, reviews and report; safety functions linked to their equipment, LOPA, HAZOP and bow-tie barriers; version changes flag the studies and offer a Management of Change; SIF proof test and integrity audit; imported assets verified by a signed, passed inspection.
V3.38.1	Inspection items start unanswered and must all be answered; register rows red or amber, with Ex flags that match Analytics, including temperature class; Ex check before saving with an acknowledgement; inspector home set by the administrator; bulk update values fixed; site classes External, Operational and I&M; Department / Company.
V3.38.0	XF Job Packs: site visits built from the register, assigned to one inspector or split across a team, worked in the app with cable tests and earth tests, followed by leads and exported in the job pack layout. Inspection teams with leads per area of work. Register fields for circuit description, IEC standard and certificate on site.
V3.37.4	Scan Nameplate reads the plate with AI assist when it is on and there is signal (Ex marking, certificate, maker, model, serial), with Google Vision and the offline reader as fallbacks.
V3.37.3	A licence at its device limit can be moved to the device in hand; the device it replaces signs out when next online, after sending unsynced work. Every move is logged.
V3.37.2	Fix: Forgot password emails are sent from XF Solutions and reach customers; the reset link opens Reset your password and cannot be used up by email scanners.
V3.37.1	Fixes: the Equipment Register opens and searches smoothly with thousands of assets; the back arrow on an open bowtie and in the Workflows editor returns to the list.
V3.37.0	XF Stores and Spares: stock from movements, reorder points, parts reserved by work orders and issued on completion, Ex spares matched to the assets they replace; parts to reorder in My work.
V3.36.0	Pinned apps on home with their counts; automatic theme following the device; map view for any register; My work filters, snooze and done.

Version	Headline changes
V3.35.1	Barrier Health: pick the exact records behind a barrier, suggested registers, evidence filtered by state, and records open in their app without reloading.
V3.35.0	Ex certificates read with AI and checked by the suite's rules; defects suggested from inspection photos; CompEx competence gate; zone type and extent calculator; site plans with asset pins, zones and extents; offline maps; NFC asset tags; static bonding checks; SIL proof tests with coverage in the PFD; import wizard with undo; bulk changes to actions; QR labels open the asset.
V3.34.7	Board view by status for actions, work orders and every register with a status; faster voice entry: graphics chip where available, lighter model on other phones, model loaded in advance, shorter pause.
V3.34.6	Free on-device voice entry (any English accent, any browser, offline); last inspection's photos side by side; field mode.
V3.34.5	XF voice: accent-aware voice entry (England, Scotland, Wales, Ireland, South Africa and more) in every app and browser; accent setting; voice button clear of help on phones.
V3.34.4	Measured readings on Detailed inspections (flamepath gap, insulation resistance, earth loop impedance) judged against their limits; build tools updated for security.
V3.34.3	Voice entry falls back to a dictation box (Brave); large registers move to the device database; readable light theme; pick lists reopen with every option; deeper AI commentary.
V3.34.2	HALC keeps working when device storage is full; datasheets move to the media store; the error screen raises a support ticket.
V3.34.1	Report a problem raises a support ticket with a reference; replies by email and under Your tickets. Inspections follow the IEC 60079-17 schedules item by item (Ex 'd'; Ex 'e', 'n', 't/tD'; Ex 'i'; Ex 'p').
V3.34.0	Specific conditions of use for X certificates, checked at every inspection; U certificates flagged; items that could not be inspected graded X; an action per C1, C2 or C3 item.
V3.33.1	Ex markings read and checked in the register; Detailed inspection offered after a failed Visual or Close inspection.
V3.33.0	Possible repeats in incidents; effectiveness checks for closed actions.
V3.32.0	AI assist shows wherever it is switched on; What changed on Analytics with questions to AI; Suggest hazards in risk assessments.
V3.31.0	Security update to the HTML sanitiser; database grants stated for Supabase's new rules.
V3.30.0	AI assist on Claude Haiku 5.5; free Xero connection for AI invoices.
V3.29.0	AI assist plans.
V3.28.0	The user guide is now inside the app; Download the guide as Word; Your data, explained; Client portal links for managers; Record history in the light theme.
V3.27.0	Electrical testing and certificates; General assets and meters; Work orders; HALC: L/R method and system documents; Highlights tour.
V3.26.0	Organisation settings in one place; Account activation; Smoother sign-in after an update; Complete photo backups.
V3.25.0	Time saved costed by role.
V3.24.0	Your value in pounds; Fairer time saved; Features in the admin portal.
V3.23.0	Hubs on the home screen; Health and safety indicators; Analytics fits your apps; Fuller nightly backups.

Version	Headline changes
V3.22.1	A fuller demo.
V3.22.0	Laboratory and instrument results; Emissions against permit limits; Chemical inventory; More templates and ISO audits.
V3.21.0	XF App Builder; XF Risk Register; Safety functions and SIL; HAZOP revalidation; Health check for uptime monitoring.
V3.20.0	XF Process Hazard Analysis; LOPA on live barriers; XF Risk Forecast; Company AI assistants.
V3.19.0	Occupational hygiene; Read safety data sheets with AI; COSHH and air monitoring together.
V3.18.0	XF Workflows; Root-cause assistant; Trust centre.
V3.17.0	Fill a form from a photo or by talking; Your own SIMOPS matrix; Hand-back at the end of a shift.
V3.16.0	XF Barrier Health; Connect your company AI assistant; AI you can audit.
V3.15.0	Law changes, every morning; Lone working escalation.
V3.14.0	XF Legal Register; XF Lone Working; AI assist (optional); Lighter home screen.
V3.13.0	XF Energy; Accessibility statement; Easier to read.
V3.12.0	One tap for returning visitors; Put gate problems right from Site Access; Training matrix; Two more checklist templates; A fuller demo; Site Access on phones.
V3.11.0	XF Checklists; XF Environmental; XF Exposure Monitoring; XF PPE Register; My work; Phone fixes; Power BI.
V3.10.1	Register and inspections on phones; Admin portal.
V3.10.0	My work; A bar at the bottom on phones; XF DSE Assessment; XF Safety Observations; Tidier screens on phones.
V3.9.1	Security check.
V3.9.0	Your app order follows you; Everything ready after sign-in.
V3.8.1	Sign-in session renewal.
V3.8.0	Contractor checks at the gate; Problems shown on site and in the history.
V3.7.1	Release checks.
V3.7.0	Site sign-in by QR code; Who is on site now, and the fire roll call; Report a hazard from the poster; Contractor self-service; Permit conflict board; Contractor RAMS open on any device.
V3.6.2	Admin portal fixes; Audit log loads on large organisations.
V3.6.1	Admin portal in Settings; Test builds can never use live data; Clearer admin portal message.
V3.6.1	A switched site starts clean.
V3.6.0	Every import says who brought it in; Maintenance system sync keeps your inspection data.
V3.5.0	Organisation admin portal; Set your own security policy; API keys and webhooks, self-service; Take your audit trail and your data; Licences, seats and requests; Your name on emails; Tighter controls on settings and digests; API saves fixed.
V3.4.0	New people start with no site access; Whole organisation is now a choice; Entra ID groups set access and roles; Provisioning tokens; Leavers disabled reliably; Protected organisation settings.

Version	Headline changes
V3.3.0	Areas, and who sees what; Health and safety on the map; Contractor RAMS review; Safety league by site and area; Digest emails cover health and safety; Site on RAMS and toolbox talks; RAMS review dates counted correctly; Contractor records in the API and backups; Contractor access codes with no sites.
V3.2.3	Digest emails page right after signing in.
V3.2.2	Board pack sent once a quarter; What's new lists only apps you do not have.
V3.2.1	Security checks tightened.
V3.2.0	Every app works the same way; Inspection Tool brought into line; Headers fit on a phone; Document Control delete; Toolbox talks counted in summaries.
V3.1.0	Updates no longer interrupt your typing; Safer updates behind the scenes.
V3.0.0	Separate test environment; Clear data retention rule.
V2.99.0	Easier to read, and works with screen readers; Contractor access codes work properly; Safer attachments; Stronger trial passwords.
V2.98.0	Start a COSHH assessment from the data sheet; Safety data sheet register; Nameplate reading engine updated.
V2.97.0	Audit findings graded and mapped to ISO 45001; Findings register in the audit report; Audit reports include every section.
V2.96.0	Audit signatures save again; Calibration certificates open again; Links open the record; Saved views in every app; Quieter fixes.
V2.95.0	Analytics answers the manager questions first; Simpler Equipment Register; Simpler Inspection Tool front page; Sign in replaces licence keys.
V2.93.0	Every app follows your language; Clearer icon buttons.
V2.92.0	Audit and Bin in every app; Deleting needs a reason; Delete in Actions, Change, Statutory and Training; Deleted permits, RAMS and audits can be restored.
V2.91.0	Photos are private.
V2.90.1	More reliable on poor connections; Two-step sign-in with more than one authenticator; Stronger server checks.
V2.90.0	Sign in again after a long session; Management of Change: screening and pre-start-up review; COSHH hazard statements; One toolbar style; Lock screen and two-step sign-in fixed.
V2.89.0	One look across every app; Permit to Work: control tab; One COSHH app; In-app questions instead of browser pop-ups.
V2.88.0	Nameplate reading built in; Upload limits checked by the server.
V2.87.1	Safer spreadsheet exports; Two-step sign-in; Offline saves are safer; Your device keeps your data; Stronger protection on reports and attachments; Demo shows real inspections.
Since V2.58	Named sign-in; Predictive maintenance and risk; Board pack and site evidence pack; Faster everywhere; Inspection history from the register.
V2.57.1	Your app order sticks; Updates apply automatically; More responsive dashboard; Clearer forms.
V2.56.0	Light theme across every app; Apps stay put between launches.

Version	Headline changes
V2.55.0	A more polished home screen.
V2.54.0	Site Diary knows your day.
V2.53.0	Ex repairs to 60079-19, done properly; COSHH risk evaluation.
V2.52.0	Stronger Emergency Contacts; Richer site inductions.
V2.51.0	Getting started checklist.
V2.50.0	Deeper incident investigations.
V2.49.0	Every asset carries its story; Release notes any time.
V2.48.1	Single sign-on for larger organisations; Integrate with your own systems.
V2.47.0	A clearer client and regulator portal; Trust and security page; Signature step is clearer on first sign-in.
V2.46.0	See your value at a glance; One organisation per device, kept separate; Email links sign you straight in; Cleaner sign-out and recovery.
V2.45.0	Start a free trial in the app; Terms of use and copyright.
V2.44.5	Compliance workbook export fixed; More reliable alerts.
V2.44.0	Dark theme fixes in the register; A richer Trend page.
V2.43.0	Manage people from the app.
V2.42.2	Settings scrolls on phones; Biometric sign-in reliability.
V2.42.1	Dark theme readability.
V2.42.0	Biometric sign-in; Licences that follow your email.
V2.41.0	Search, account and settings moved to the top; Proper dark theme, starting with the register.
V2.40.2	A way in from the licence screen.
V2.40.1	Apps follow your account to a new device; Lock screen cannot be bypassed by reopening.
V2.40.0	Light and dark theme; Tidier home screen.
V2.39.1	More mobile layout fixes.
V2.39.0	Biometric sign-in.
V2.38.0	Full data everywhere; Desktop-friendly entry boxes.
V2.37.4	Demo shows the map and moves at a good pace.
V2.37.3	Demo tour improvements.
V2.37.2	Demo is read-only.
V2.37.1	Demo explores the whole suite.
V2.37.0	Guided demo tour.
V2.36.0	Analytics adapts to your bundle.
V2.35.6	Mobile: Analytics header.

Version	Headline changes
V2.35.5	Idle lock now after an hour.
V2.35.4	Mobile: forms and toolbars.
V2.35.3	Demo opens on the dashboard; Mobile: dialogs fit the screen.
V2.35.2	Inspection Tool on mobile.
V2.35.1	Cleaner demo experience.
V2.35.0	Install prompt; Mobile improvements.
V2.34.5	All printing works in the desktop app.
V2.34.4	Printing works in the desktop app.
V2.34.3	Add custom asset field fixed.
V2.34.2	Demo map comes alive.
V2.34.1	Guest access tightened; See it in action from sign-in.
V2.34.0	See it in action demo; Guest device usage recorded.
V2.33.3	Full data loaded across every app.
V2.33.2	Guest access properly isolated.
V2.33.1	Guest access on the sign-in screen.
V2.33.0	Proper guest (contractor) experience.
V2.32.5	Guest tokens accepted correctly.
V2.32.4	Session stays valid for longer actions.
V2.32.3	Guest tokens with multiple sites.
V2.32.2	Clearer guest-token errors.
V2.32.1	Your role follows your account.
V2.32.0	Issue guest access from the app.
V2.31.0	Sign in on any device, one at a time.
V2.30.7	Full register and inspection history everywhere.
V2.30.6	Register empty on some devices fixed.
V2.30.5	Executive summary presentation.
V2.30.4	Executive brief restricted to managers and admins.
V2.30.2	Tidier audit entries.
V2.30.1	Clearer inspection audit entries.
V2.30.0	Site-scoped roles now enforced; Idle lock; Password expiry and lockout; Offboarding and data-subject rights.
V2.29.5	Tagless inspections read clearly.

Version	Headline changes
V2.29.4	Completing an assigned inspection clears the assignment.
V2.29.3	Action Tracker shows all open actions.
V2.29.2	Assigned work shows for named accounts.
V2.29.1	Trend shows organisation history when a site has none yet.
V2.29.0	Assignment emails; Account changes are audited.
V2.28.0	Your signature follows your account.
V2.27.2	Named sign-in on every device.
V2.27.1	Named accounts fixes.
V2.27.0	Named accounts.
V2.26.0	Large registers no longer risk a storage limit.
V2.25.3	Storage-full crash on sign-in fixed.
V2.25.2	Help on every screen.
V2.25.1	Inspection Tool crash fixed; Accessibility conformance effort.
V2.25.0	Offline conflict resolution; In-app import removed; Accessibility; In-app help and onboarding; Public status page.
V2.24.0	Peer review sampling.
V2.23.0	Document versioning: nothing is overwritten.
V2.22.0	PPM: meter-based triggers; PPM: labour and parts cost.
V2.21.1	Judgement drafted from the data.
V2.21.0	Richer executive summary, and in the digest.
V2.20.0	Dictate findings.
V2.19.0	Organisation compliance target; Obsolescence and replacement planning; Shift handover.
V2.18.0	Executive commentary; DSEAR reviews in the Forecast.
V2.17.0	Incidents: investigation states with prompts; Incidents: RIDDOR-aligned fields.
V2.16.1	Audit timeline: any range, exportable.
V2.16.0	Custom asset fields per organisation; Audit timeline and integrity statement.
V2.15.0	Gas detection: test history per head; Gas detection: alarm event log.
V2.14.1	Hub tidy-up.
V2.14.0	A tidier home screen.
V2.13.1	Isolations live inside Permit to Work.
V2.13.0	Isolation register inside Permit to Work; Sharper launch screen.
V2.12.2	Record apps: Add new crash fixed.

Version	Headline changes
V2.12.1	Organisation settings are audited.
V2.12.0	PPM: stamp a task across a fleet; PPM: planner.
V2.11.1	Regime editor: grade sequence editable again; Every app opens at the top.
V2.11.0	Defect trending by manufacturer and model; Site benchmarking; Action ageing.
V2.10.0	HALC: ambient temperature derating prompts; HALC: loop pack sign-off.
V2.9.3	Saved views in the register; Continue where you left off, per person; Saved views in every record app.
V2.9.2	CompEx units and renewal lead times.
V2.9.1	Recurring actions; Overdue actions escalate in the digest.
V2.9.0	Criticality now carries weight; Presentation polish.
V2.8.1	Board pack distribution and digest choices.
V2.8.0	Asset lifecycle states.
V2.7.0	Quarterly board pack by email; Site Diary: weather stamped automatically.
V2.6.0	Balance terminal cycles automatically; Terminal cycles in Analytics.
V2.5.4	Annual Visual inspections in the Forecast.
V2.5.3	Site and location lists come from the register; Inspections list opens at the top; Initial inspection on commissioning.
V2.5.2	Inspection Tool: sites from the register, list opens at the top.
V2.5.1	Site class throughout; Inspection Tool list fixes.
V2.5.0	Inspection regimes by site class; Schedule from regime, in bulk; Regimes editable in the app.
V2.4.1	Incident evidence packs.
V2.4.0	Quarantined plant on the map.
V2.3.8	Evidence packs and printed documents paginate fully.
V2.3.7	Sampling plans scale to large registers.
V2.3.6	Earth testing: one-tap typical sets.
V2.3.5	Earth tests in the digest and review pack.
V2.3.4	Earth testing: maximum permitted by duty; Earth tests in the asset dossier.
V2.3.3	One dictation control everywhere; Duplicate labels removed.
V2.3.2	Sign-in wording.
V2.3.1	Earth Testing integrated with inspections.
V2.3.0	XF Earth Testing; Table fields for record apps.
V2.2.1	Fixed fire systems: deluge, sprinklers, foam, water spray; Assembly points on the map.
V2.2.0	Fire equipment on the map; Map position for any record app; Problem reports stay current.

Version	Headline changes
V2.1.4	Maps: belt and braces.
V2.1.3	Maps fixed.
V2.1.2	Maps report a refused basemap.
V2.1.1	Analytics wording.
V2.1.0	Satellite maps by Esri.
V2.0.4	Not on the sign-in list? Create your profile.
V2.0.3	Asset map fills the screen.
V2.0.2	Competence hard-block; Clean software bill of materials.
V2.0.1	First-run flow on a new device.
V2.0.0	XF App Suite 2.0, the beta programme, consolidated; Sign in at the door; Evidence packs, printable and as a zip; Inspections that close their own loops; Risk-based intervals, verified against BS EN IEC 60079-17:2024; Calibration credibility; Competence, live; Quarantine that bites everywhere; Management of Change with teeth; Certificates: checked, attached, shared; Printed documents, one frame; Register tools for real data; HALC loops that draw the truth; Client portal and notifications; Platform.
V1.36.1	Compliance report now shows data; PPM scheduler: assign to team members.
V1.36.0	Collapsible charts in Analytics; Imported inspections now count as inspected; All your sites now appear in the digest site picker; Tidied the certificate pick-lists; Certificate type and body are now pick-lists; Forecast attention list shows tags, plus a live compliance trend; Forecast tab flags Ex-unsuitable equipment first; New: complete asset history in one place; Compliance direction of travel; HALC now links to the Equipment Register; Export Data Quality issues to CSV; Map works worldwide with no key; New: Analytics Forecast and site scorecard.

Version	Headline changes
V1.33.6	Faster standard map; Desktop browsers no longer show a false offline status; Fixed a crash opening the Equipment Register; Large registers stay fast on mobile; Large registers now sync fully; Reset local data from the Backup panel; Imported assets are clearly marked; Consistent marking dropdowns in HALC; Online status is now accurate; Attach certificate photos to training records; Dropdown lists now readable on the desktop app; Fixed a crash when opening Calibration; Fixed a crash on the Management of Change screen; Fire Equipment, Daily Plant Checks and Site Diary included with Equipment Register; Backups can be encrypted, and are now readable; Deleted photos are now recoverable; Backups now carry an integrity manifest; Audit views are strictly limited to your organisation; Clearer map and richer design history; Photos export as a single zip; Map works without any setup; Photos carry the asset name and date; Electrical Design: full set of installation methods; Electrical Design: phase allocation and larger breakers; Electrical Design: hazardous area overlay; Electrical Design attributes the signed-in user; Electrical Design: printed board schedule; Electrical designs carry the designer's name; Digest recipients list correctly after saving; Digest email setup works again; Design history inside the design; Alerts and digests recover from expired sessions; Electrical Design: discrimination screening; The editor can no longer outrun the data; Electrical Design: first field feedback resolved; New app: XF Electrical Design; Connection status, obvious everywhere; One set of sync rules for every app; Equipment audit trail finally quiet; App audit views label transitions correctly; Recycle Bin entries are never lost; Intrinsic safety without a barrier is now flagged; Deleting anything now needs a reason; Audit entries show what actually changed; The audit trail now names names; A clear offline banner; PIN sign-in works on the desktop app; The whole app's audit trail in one view; Missing zone data is now flagged; Audit trail: signal, not noise, and exportable; Reliable offline start in the field; Weekly digest emails link straight to each record; Records saved offline now reach the cloud; Every data quality finding is now a link; Assignments actually send; Clearer reason when an assignment cannot be sent; Assignments send properly on multi-licence devices; Assigned inspections now reach the inspector; One incident app; Stray incident rows can now be closed and deleted for good.
V1.25.1	Incident counts now match everywhere; History opens in place; Permit and contractor counts corrected; Edits can no longer be undone by another device syncing.
V1.25.0	Failed inspections offer to raise actions; Plant checks and fire equipment feed the tracker too; Audit findings go straight to the tracker; Raise an action from the Ex Suitability screen.
V1.24.9	Equipment Register fills the screen at every font size.
V1.24.8	Home screen fits the smallest font sizes.
V1.24.7	Your work is never lost mid-entry; Tidier register cards on phones.
V1.24.6	View button on the register table.
V1.24.5	Equipment Register fits any screen.
V1.24.4	Record history on the Equipment Register.
Fixed in V1.24.1	Admin role recognised consistently; Equipment Register loads again.
V1.24.0	Ex Suitability engine, the register checks itself; Record history, the audit trail, visible; Auditor day pass.
Fixed in V1.23.1	Assigned to Me no longer crashes; Inspector signature capture works first tap; Assigning inspections suggests real colleagues.
V1.23.0	Roles now govern what each device can do with records.
V1.22.0	Organisation panel, manage your own devices, roles and contractors.
V1.21.0	Guest access for contractors.

Version	Headline changes
V1.20.0	Three new apps: Fire Equipment, Daily Plant Checks, Site Diary; Site-scoped digest emails; Change auditing, on by default.
Fixed in V1.19.2	DSEAR, Gas & Fire, PPM, COSHH, Incidents, Inductions and Emergency licences activate.
Fixed in V1.19.1	HALC: adding cable runs and JBs works again; The crash screen can no longer take your licences.
V1.19.0	Recycle bin in every synced app.
Fixed in V1.18.2	Inspection score live from launch; Deletes with an undo, everywhere.
Fixed in V1.18.1	RAMS hazard library restored; Area Classification catches up; Smoother large checklists.
V1.18.0	Zones on the asset map; Data Quality now audits the whole suite; DSEAR: delete and honest sync.
V1.17.0	Map your zones live on site; Drawings on DSEAR assessments; Zoom to extents on every map.
V1.16.0	Trend history per site.
V1.15.0	Portal links scoped to one site; Analytics asset map fixed.
V1.14.0	Your logo on your client portal.
V1.13.0	Documents everywhere they belong; Training & Competency Matrix; RIDDOR incident report; Management of Change: approval signatures.
V1.12.0	Bulk actions in every record app; Data quality: audit-ready in one glance; QR label pack per site; Report a problem.
V1.11.0	Your compliance trend; Next inspection dates, proposed for you.
V1.10.0	Share your compliance with clients, read-only portal links; Alerts and weekly digests.
V1.9.0	Faster inspections, built for the field; Certificates live on the asset; Statutory examination checklists; Voice inspection entry; Speak your notes; Sites are now managed, not typed; Always current, no Sync button needed; GPS capture that behaves; Your licence, visible.
V1.8.1	Site pickers and licensed allowances; Asset Map with status heat; Photos shared across your organisation; The asset tells its whole story; HALC loop filters; Recycle bin purge and permanent deletion.
V1.8.0	Photos on records, shared across your organisation; XF Reports, every report in one place; FREE with your Equipment Register licence: Ex Repair Log; FREE with your Inspection Tool licence: Cable & Gland Register; Records from colleagues appear automatically; Undo, guards and toasts; Sharper analytics and dashboard; Equipment Register printing and sorting; Take your due dates with you; Backup reminders and one-tap install.
V1.7.0	Failed inspections raise actions automatically; Inspection history on every asset; PPM completion evidence; Permit wallboard; HALC loop copy and site schedule; Safety and PPM analytics.
V1.6.0	Five new apps are live; XF HALC on mobile; Due Date Calendar; Backup, storage and photo handling; Sign in, branding and bulk tools; Dashboard and search coverage.
V1.5.0	Previous inspection comparison in checklist; Asset lifecycle status; Asset photo gallery; DSEAR Assessment Tool; Gas, Fire and Heat Detection Register; Five new apps available for licensing; Language selector; Inspector profiles sync across devices.

Version	Headline changes
V1.x fixes	C1 to C4 defect codes were in the wrong order; Dashboard failure count missed C1, C2 and C3 findings.