

COMPLIANCE &  
PERFORMANCE  
IMPROVEMENT



SOFTWARE FOR ENVIRONMENTAL DATA



# Tracker

> Refrigerant Gas Tracking <

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# Evolving Legislation

with stringent limitations are extremely high risk to manage manually, time intensive and error prone.



Current F-Gas legislation targets a significant reduction in the discharge and use of refrigerant gases with a high GWP (Global Warming Potential).

Tracker promotes best practice for the use and emission of fluorinated greenhouse gasses, assuring complete compliance:

## Maintain

a comprehensive F-Gas equipment register

## Calculate

CO<sub>2</sub> equivalents automatically

## Alert

users with warnings and mandatory test reminders

## Manage

engineer details and qualifications

## Track

gas additions, removals and discharges

Reduce waste and associated difficulties of paper records, protecting your data with secure user access and tailored levels of entry for all. Backed up and cloud hosted.



Time is one thing that cannot be recycled...

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## Record Keeping Doesn't Need to be a Chore...

Gather, manage and maintain all current and historical refrigerant gas information in one central data hub:

Define F-Gas type and quantity ✓

Log installation, maintenance and repair measurements ✓

Record leak test dates and subsequent results ✓

Outline recovered F-Gases and status (reclaimed or recycled F-Gas) ✓

Highlight recovery and disposal processes for equipment decommissioning ✓

When regulation requires mandatory record keeping; accurate, auditable records are a must.

Readily assemble information at the touch of a button - format and present information to meet all business requirements:

Assign PDF's, images and notes to records ✓

Issue client reports in minutes ✓

Set internal key performance indicators ✓

Forecast environmental impacts ✓

View online, in real-time ✓

Email results, print or export to other tools ✓

## Leak Checks & Repairs

Proactive management through Tracker, for the use and maintenance of equipment containing refrigerant gasses exceeds all regulatory requirements.

Increase visibility of mandatory leak test due dates with the Tracker dashboard. Ensure a test is never missed by assigning email alert notifications to engineers for due dates:

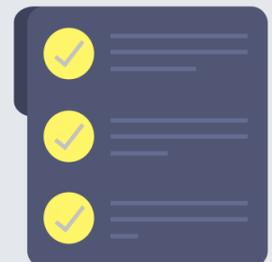
Date	Task
17/03/17	Refrigeration System Leak Test Due in 15 Days

Equip. ID	Type	Last Test	Next Test	Frequency	Details
0001	Refrigeration System	04/16	04/17	Annual	+
0002	Air Conditioning Unit	12/16	12/17	Annual	+



Data is often generated from a variety of sources and locations. **Tracker Sync** collates data on a mobile device, allowing you to input data on the go, in the field, removing the need for spreadsheets and checklists.

Schedule tasks and reminders to create a solid planning system that reflects what is happening at each site, updated in real-time.



# Technicians

Manage Technician certifications, issue alerts and reminders when certifications are due for renewal. Tailor Tracker access levels and notifications by assigning technicians to site locations and jobs.

Log equipment maintenance details with each technician's unique ID and certification numbers to provide a water tight audit trail of who worked on the equipment, when it was carried out and what maintenance was completed.

## Gas Additions, Removals & Emissions Assigned to Technical Engineer

Date	Gas	Engineer	Added (kg)	Removed (kg)	Reason
01/17	HFC-417a	S. Williams	46	0	Final Commissioning
12/16	HFC-417a	S. Williams	40.5	0	First System Charge

## Leak Tests Assigned to Technical Engineer

Date	Job ID	Engineer	Certificate No.	Result	Method
01/17	0001	S. Williams	cert9912	No Leak	Direct Leak Test
01/17	0002	S. Williams	cert1923	No Leak	Bubbling Liquid

Gain visibility of available cylinder stock and cylinders assigned to a job. Technicians can log the location, condition, and gas percentage of cylinders from the office, warehouse or out in the field. Save time and effort with a breakdown of equipment designated to each job, providing a detailed checklist for Technicians.



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# CO2 Equivalents



Name	Equip. Tag	Weight (kg)	CO2 Equiv.
HFC-134a	B23884	0.25	357.5
HFC-134a	E55298	0.38	543.4
HFC-134a	E52501	0.35	500
HFC-417a	14COMP	86.6	203164
HFC-417a	14FA20	19.2	45043
HFC-417a	TLChiller	0	0
HC-600a	M-Fridge	0.1	0.3

Components on Equipment

## Audit

All equations contained in Tracker are fully auditable for external verification. Tracker uses gas conversion factors as determined by legislative bodies such as BEIS (The Department for Business, Energy and Industrial Strategy) and DEFRA (The Department for Environment, Food and Rural Affairs) in the UK.

## Convert

Tracker converts F-Gas loaded, removed, and emitted to the equivalent CO2 value in real time. Compare diverse F-Gas types on the same scale, by environmental impact.

## Notify

Entered data is updated in real time, set warnings and alarms to notify relevant parties within your organisation if KPI's are breached and corrective action is required.

## Rank

Chart gas contained in equipment by GWP; reliably and quickly rank equipment by CO2 equivalent. Schedule phase down operations centred on greatest impact to the environment.

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# Any Questions?

## Get in Touch...

Contact the Tracker Team at:

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For the latest Tracker news, updates and topical industry discussions, join us on:



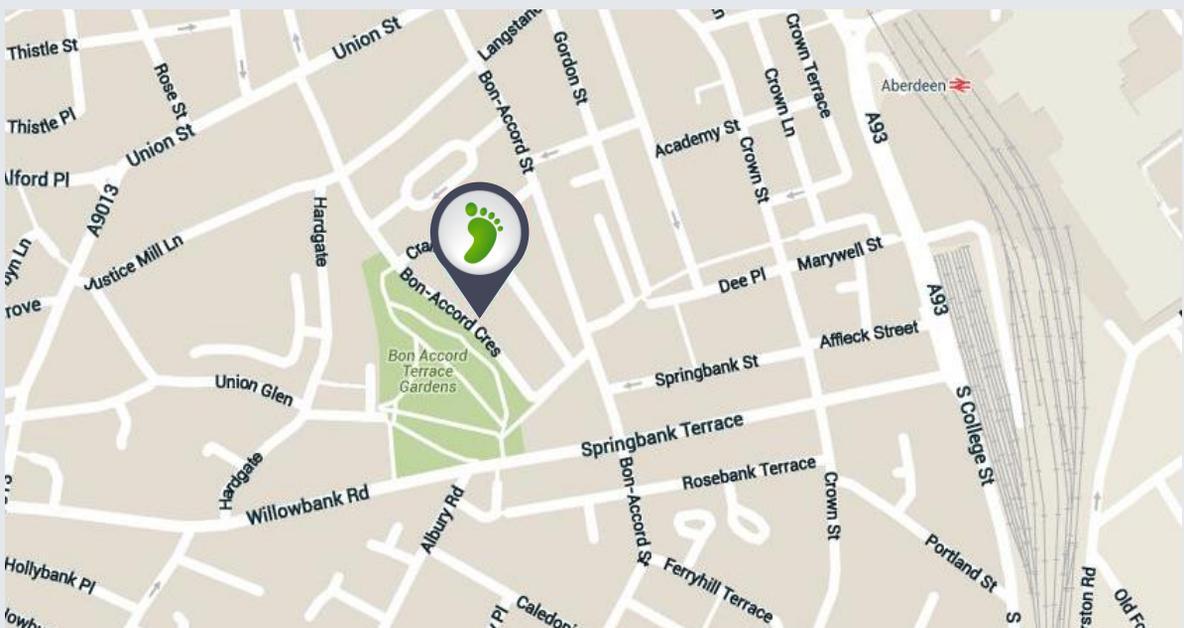
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