

Workshop 2c

Safety Through Technology

Speakers: Stewart Davison (GasTag),
Alan Core (Housing Plus Group) &
Malkit Sagoo (Platform HG)

Chaired by: Phil Pemberton
(The Riverside Group)

Room: Surrey



National Housing
Maintenance Forum

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Finance
Finance

1.1 million

Illegal jobs carried out every year



Which?

“

We secretly filmed engineers and found they were failing to meet the minimum legal requirements for a boiler service and making dangerous mistakes.

”

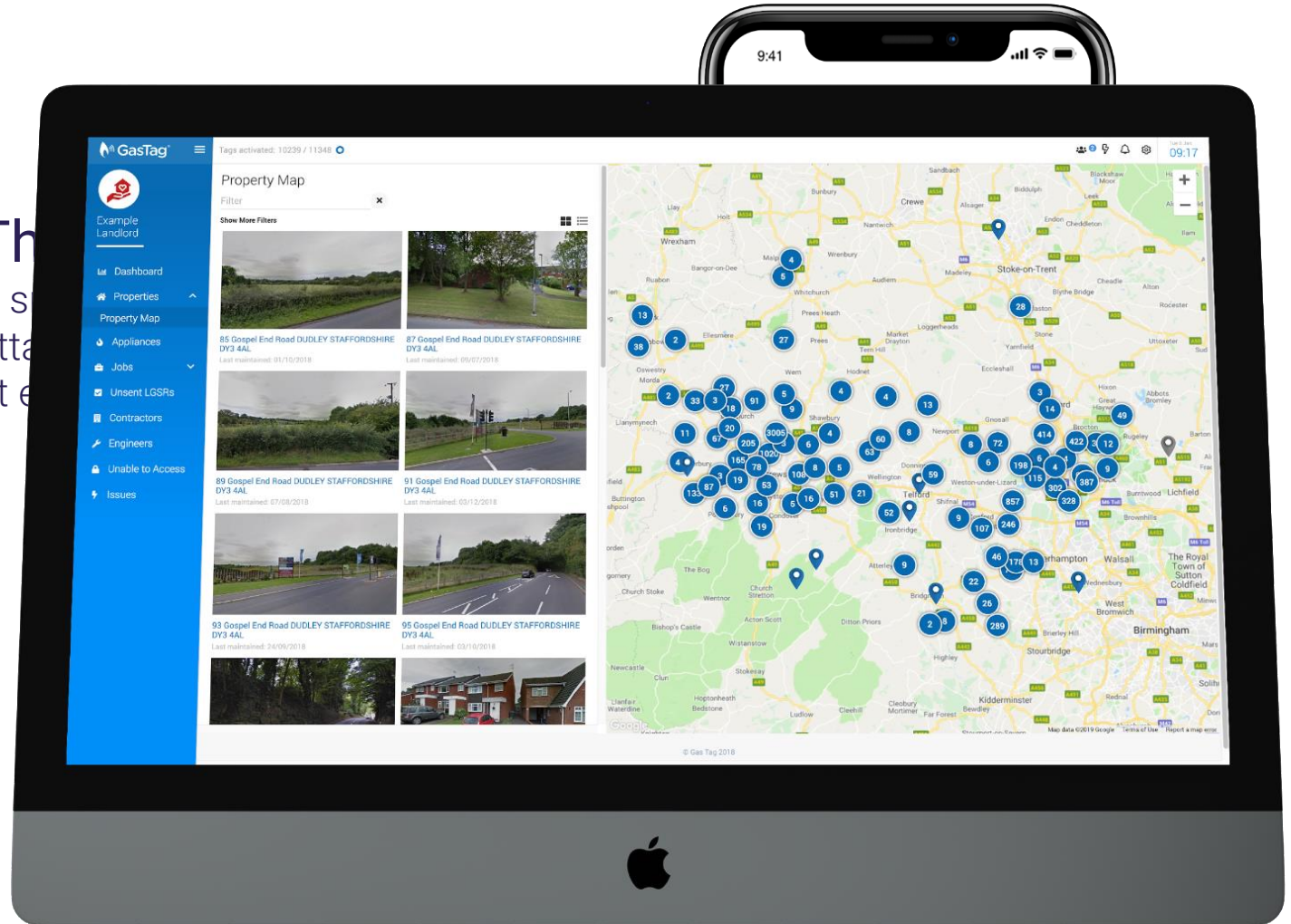
The Gas Tag system consists of three key elements:



The Gas Tag Portal

A web-based dashboard allows Landlords to monitor their property portfolio in real-time

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Safety Vs. Compliance

Document the process rather than process the document

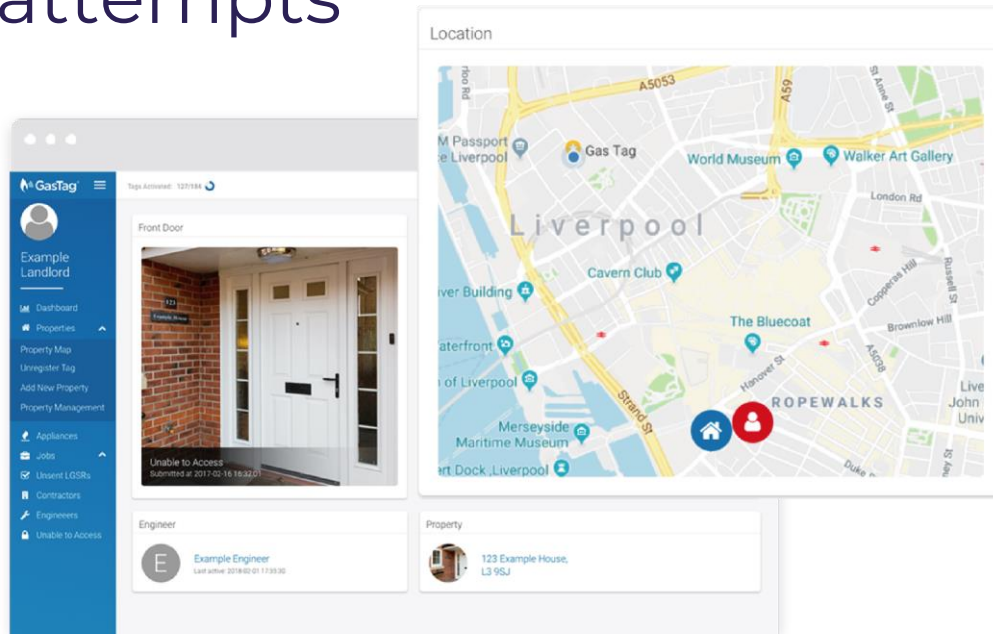


Taking safety further



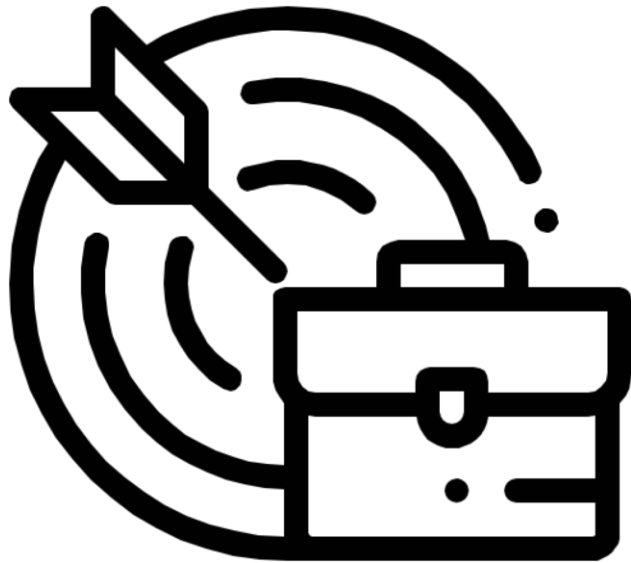
No Access Tracked

Geo-location and photo evidence will provide the proof needed to gain access after 3 or more attempts



Best Practice

Standardisation and predictability



Completeness of Information

- Controlled question flows ensure engineers paint a clear picture of the property
- Images directly from the app ensure eyes in the property

Full Auditability

Safety means not only doing the work correctly, but keeping track of that work efficiently



Gas Safe API Link

Gas Tag is the only app to ensure that engineers are qualified to work



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Gas Safety Record Generation

Reducing common errors and limiting amends



The image shows a screenshot of a 'LANDLORD / HOME OWNER GAS SAFETY RECORD' form. The form is titled 'LANDLORD / HOME OWNER GAS SAFETY RECORD' and includes a 'Cert. Serial No.: 000991-01'. It features the GasTag logo and 'Safety Through Technology' tagline. The form is divided into several sections: 'Registered Business Details', 'Site Address', 'Landlord / Homeowner', 'Appliance & Inspection Details', 'Number of Appliances Tested: 1', 'Final Checks', 'Defects Identified', 'Remedial Action Taken', and 'Issued By'. A yellow shield icon with a checkmark is overlaid on the bottom left of the form. The 'Appliance & Inspection Details' table has the following data:

| Location | Appliance Type | Manufacturer | Model | Type of Flue | Gas Council Number | Owned by Landlord/Homeowner |
|----------|----------------|--------------|--------|--------------|--------------------|-----------------------------|
| Kitchen | Boiler | Vallant | EcoTEC | RS | | Yes |

The 'Final Checks' section includes the following data:

| Check | Result |
|---------------------------------------------------------|--------|
| Outcome of gas installation pipework visual inspection? | Pass |
| Outcome of gas supply pipework visual inspection? | Pass |
| Is the Emergency Control Valve access satisfactory? | Yes |
| Outcome of gas tightness test? | Pass |
| Is the protective re-entrant bonding satisfactory? | Yes |

The 'Defects Identified' table is empty. The 'Remedial Action Taken' section is also empty. The 'Issued By' section includes the following data:

| Field | Value |
|-------------------------|------------------|
| Engineer Name | Example Engineer |
| Gas Safe Registered No. | |
| Engineer Signature | [Signature] |
| Date of Inspection | |
| Recipient | |
| Received By | |
| Recipient's Signature | [Signature] |

The form also includes a disclaimer: 'This inspection is for gas safety purposes only to comply with the Gas Safety (Installation and Use) Regulations. Flues have been inspected visually and checked for satisfactory execution of product of combustion. A detailed internal inspection of the flue integrity, construction and lining has NOT been carried out.' and a 'safe' logo.

Up to the minute compliance



“

We recognise that Gas Tag's technology will play a crucial role in revolutionising the industry, more importantly, it ensures that only Gas Safe Registered Engineers are engaged to complete the work.

”

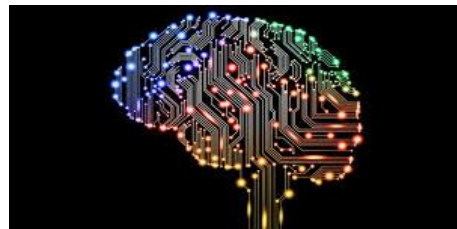
Jonathan Samuel

CEO of the Gas Safe Register



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The world of tomorrow... Today!



IOT

- Narrow Band/2G/3G/LoRA
- Long battery Life
- Measure heat and moisture
- Sensors to detect leaks



The Panel



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Question

Do you see your organisation beginning to plan for the adoption of sensor based technologies, like smart thermostats, connected smoke, CO detectors and even 'smart boilers' if so what outcomes are you looking to get from these technologies?

Question

What is the perception of emerging technologies in social housing repairs and maintenance? Is there an appetite to explore and adopt technologies like machine learning and Artificial Intelligence?

Thank you.

**See you at the
conference!**



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