HAWTHORNE

Security Solutions Yes Ltd, trading as Hawthorne | Company No. 05856892

Unit 8 Alston Road, Hellesdon Business Park, Norwich, NR6 5DS

Carbon Reduction Plan

A proportionate plan for a 10-person field service business: measure honestly, reduce what we actually control, report annually.

Version	Date	Owner	Review due
1.0	17 August 2026	Managing Director	August 2027, then annually

1. Commitment

Hawthorne supports the UK's target of net zero greenhouse gas emissions by 2050. Our commitment is practical: we will measure our emissions from the records we already hold, publish a baseline, reduce the impacts we control, and report progress annually. We will not publish figures we cannot evidence.

2. Our footprint

We are a 10-person security and fire systems company operating from a single unit in Norwich, delivering installation and maintenance across East Anglia. Our material emissions are:

- **Scope 1:** fuel used by our vans. This is the dominant source for a field service business.
- **Scope 2:** electricity at our premises, Unit 8 Alston Road, Norwich.
- **Scope 3 (material categories only):** purchased equipment and its packaging, waste, and supplier deliveries. As a small business we note these and manage them through the initiatives below rather than attempting full Scope 3 accounting.

3. Baseline

Baseline year: financial year 1 August 2025 to 31 July 2026. Method: DEFRA greenhouse gas conversion factors applied to metered and invoiced consumption once litres and kWh are captured; until then the baseline is stated in spend, taken directly from our accounts.

Source	Consumption	Emissions (tCO2e)
Scope 1: vehicle fuel	**£14,544.37 spend (litres to be captured by 31 October 2026)**	**to be calculated by 31 October 2026**
Scope 2: electricity	**£5,845.05 spend (kWh to be captured by 31 October 2026)**	**to be calculated by 31 October 2026**
Total		

Baseline as recorded: vehicle fuel £14,544.37 (prior year £15,629.27); premises electricity £5,845.05 (prior year £5,364.73); premises gas £1,185.83; water £1,108.40. Fleet at baseline: six vans, one fully electric, five diesel of which two are Euro 6. Commitment: litres of fuel (from fuel card statements) and kWh of electricity (from bills) will be captured for the baseline year and emissions in tCO2e calculated and restated in this plan by 31 October 2026.

4. Reduction initiatives

In place now:

- Route and schedule planning that clusters jobs geographically, so visits share journeys rather than generating dedicated round trips.
- Van stock management aimed at first-time fixes, avoiding repeat journeys for parts.

- Digital job management end to end (quotes, job sheets, service records, invoicing), keeping contract administration effectively paperless.
- Policy from approval of this plan: every failed or removed item of electronic equipment is disposed of through a licensed WEEE-compliant route with waste transfer notes retained, batteries are segregated, and no electronic waste goes to landfill.
- **Premises: no efficiency measures are claimed at Unit 8 today. Electricity use is in the baseline and will be reviewed with the landlord once kWh data is held.**

Planned:

- Replace each van with an electric or hybrid vehicle as it reaches the end of its cycle. One of six vans is already fully electric.
- Track mileage and fuel per job once the baseline is set, and use it as the working efficiency measure.
- Ask key distributors for reduced and take-back packaging options.
- Prefer lower-power, longer-life equipment when specifying replacements for clients, and provide condition-based lifespan reporting so clients replace assets at end of life rather than early.

5. Targets and reporting

- Publish the measured baseline by 30 September 2026.
- Set a numeric reduction target against the baseline within 12 months of publishing it (intensity measure: fuel per completed job), initial working target to be set once the baseline is converted to consumption; we do not commit to a percentage blind.
- Review and report annually each August, owned by the Managing Director. Progress and data are available to clients on request.

Approved by: Andrew Threadgold, Co-Owner and Director   Signature:
Date: 17 August 2026