



RAILCOMM
Automated Rail Solutions



Carbon Reduction Plan

Supplier name:

Railcomm LLC

Publication date:

December 2022

Commitment to achieving Net Zero

Railcomm LLC is committed to achieving Net Zero emissions by 2050.

Note: Railcomm LLC is based in Fairport, New York, USA. The figures and commentary below relate to the Railcomm office and, although not within the scope of UK operations, show the progress of Railcomm LLC and its parent company (Tracsis PLC, located in the UK) towards achieving Net Zero emissions.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and are the reference point against which emissions reduction can be measured.

Baseline Year: 2022 (August 2021 to July 2022, aligned to the financial year)

Additional Details relating to the Baseline Emissions calculations.

As part of Tracsis PLC, Railcomm LLC is reporting its GHG emissions in line with the mandatory Streamlined Energy and Carbon Reporting (SECR) requirements for large companies¹. Calculations use the GHG Reporting Protocol corporate standard², EPA, "Emission Factors for Greenhouse Gas Inventories," Table 6 Electricity, March 9, 2018. From EPA eGRID2016, February 2018³ and UK Government conversion factors⁴. For the purposes of reporting Total Emissions below, market-based emission calculations are used for Scope 2 as these reflect actuals rather than the more generic location-based figures reported under mandatory SECR requirements. This is the first year of formal reporting of CO₂e emissions by the company.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	Zero tonnes
Scope 2	2.12 tonnes (market-based, as defined by the GHG Protocol) 3.04 tonnes (location-based, as defined by the GHG Protocol)
Scope 3	2.72 tonnes
Total Emissions	4.84 tonnes [Scope 1 + Scope 2 (market-based) + Scope 3]

1 Environmental Reporting Guidelines (publishing.service.gov.uk). Scope 1: emissions from consumption of gas and fuel for transport purposes (operational use). Scope 2: purchased electricity. Scope 3 emissions comprise business travel in rental cars or employee-owned vehicles where the company is responsible for purchasing the fuel

2 Corporate Standard | Greenhouse Gas Protocol (ghgprotocol.org)

3 https://www.epa.gov/sites/production/files/2020-01/egrid2018_summary_tables.xlsx

4 Greenhouse gas reporting: conversion factors 2022 - GOV.UK (www.gov.uk)

Current Emissions Reporting

Reporting Year: 2022 (August 2021 to July 2022, aligned to the financial year)

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	First year of reporting - see baseline year above.
Scope 2	First year of reporting - see baseline year above.
Scope 3	First year of reporting - see baseline year above.
Total Emissions	First year of reporting - see baseline year above.

Emissions Reduction Targets

- Carbon neutral emissions (Scope 1 and Scope 2 market-based) by 2030.
- Net Zero emissions by 2050.

The graph below shows progress against these targets:

Not Applicable – this is the first year of reporting.

Carbon Reduction Projects / Initiatives

All Tracsis business units are required to fall in line and engage with the Tracsis PLC ESG Strategy and Sustainability Framework which is set out in the Group's Annual Report and Accounts 2022, which is filed with Companies House.

The PLC Carbon Reduction Plan is being produced in line with Task Force on Climate-related Financial Disclosures (TCFD) requirements.

The PLC is introducing an ISO14001 compliant Environmental Management System (EMS) which will subsume the current internal carbon reporting processes and include a requirement to deliver and continually improve a carbon reduction plan. The EMS will be subject to external audit and certification. The planned certification date is October 2023 and all Tracsis business units will be audited on an on-going basis as part of retaining this certification.

The above approach takes into account local/business unit level initiatives and allows them to be successful within the wider PLC framework.

Declaration and Sign Off

This Carbon Reduction Plan is based on Cabinet Office Procurement Policy Note (PPN) 06/21 and has been reviewed and signed off by the senior leadership team.

Confirmation on behalf of the Supplier:

Name: **Kevin Smith**

Job Title: **Group Quality & Risk Director**

Email: **kevin.smith@tracsis.com**

Date: **December 2022**



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