

Whitespace Route Planning & Optimisation

Whitespace Route Planning and Optimisation supports councils and contractors to design routes and rounds that work in the real world - helping services run more efficiently, safely and reliably day to day. Sitting alongside the wider Whitespace operational platform, it helps teams plan routes that reflect local conditions, service constraints and operational priorities, rather than relying on theoretical or static models. The result is routing that supports consistent service delivery, reduced fuel use and lower environmental impact - without disrupting how teams already work.

HOW IT WORKS

Clear visibility of local service constraints - The system visualises collections on a map, incorporating local knowledge such as traffic patterns, road conditions, restricted streets and sensitive locations like schools.

Routes designed for operational delivery- By analysing job requirements alongside local constraints, the system supports the creation of routes that reduce unnecessary mileage and balance workloads. This helps teams deliver services safely, efficiently and with minimal disruption to residents.

Practical optimisation, not theory - Route changes are designed to support service continuity rather than constant adjustment. This approach helps councils improve efficiency while maintaining reliability and predictability for crews and residents.

Supported implementation and training - During implementation, teams receive structured training and guidance to ensure routes are aligned with local service requirements. Expert input helps tailor route planning to the authority's operational needs, supporting confident rollout and adoption.

FEATURES

- Identifies the most efficient route for your teams
- Model and compare different service routes
- Analyse key data to improve your team's performance
- Block off streets unsuitable for your vehicles
- Automatically processes LLPG updates
- Export data for reporting

BENEFITS

Reduces time and milage

Increased productivity

Decreases CO2 emissions

Helps balance workloads

Fuel cost savings

Resident satisfaction