



G-Cloud 15 Service Definitions

Geospatial Modelling and Route/Strategic Placement Optimisation



Introduction to Squarcle

Squarcle is a digitally native supply chain consultancy, dedicated to driving transformative results for our clients. As a leader in the field, we leverage cutting-edge data science and digital solutions to optimise supply chain operations and propel businesses towards success. At Squarcle, we believe that every challenge holds an opportunity for transformation.

With a strong focus on digital innovation, data science, and collaborative problem-solving, we drive success by designing and executing tailored strategies that optimise supply chain efficiency, enhance operational performance, and fuel sustainable growth.

Supported by data science and a suite of agentic AI tools, we bring a differentiated approach, harnessing innovation and insights to enhance operational performance and outcomes. Underpinned by deep supply chain experience, our unique blend of military, industrial, and consulting expertise enables us to work in partnership to understand our clients' unique needs, navigate complexities, and co-create innovative solutions to drive tangible and lasting results.

Why Squarcle?

Deep Specialist Insight

With decades of military and industry knowledge; our approach is based on firsthand delivery experience



Supply Chain DNA

We possess deep procurement and supply chain expertise, aligned to SCOR and tailored to complex environments



Data & AI at our core

We have focused on leveraging the power of data since day one, driving insight to deliver sustainable impact



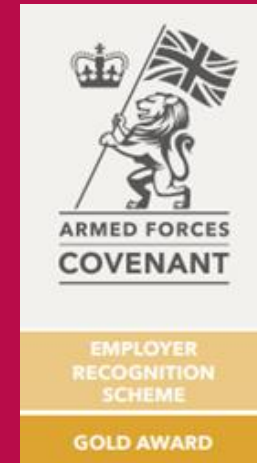
Independence

We are founder led, unencumbered by external constraints, enabling us to work without restriction



Delivery Focused

We are collaborative implementation partners, delivering impact and sustainability for clients



Geospatial Modelling and Route/Strategic Placement Optimisation

Service description

Revolutionise your geospatial modelling capability by adopting bespoke routing and strategic placement optimisation tooling. Utilising cutting-edge data science techniques, quickly and accurately analyse geographic information, identify optimal routes, and strategically place resources for maximum efficiency. We focus on dynamic alignment of geospatial strategy with your organisation's key objectives.



Service Features and Benefits

Service features

- Rapid analysis of geographic information identifying optimal route/resource placement
- Dynamic alignment of geospatial strategy with organisational objectives
- ML algorithms allowing tailored geospatial routing and asset placement analysis
- Visualisation suite for intuitive interpretation of results on custom-map visuals

Service benefits

- Reduce operational costs through maximally optimised routing (fuel, labour, maintenance)
- Enhanced decision-making support for geographic expansion of facilities
- Realise strategic opportunities for capital investment within infrastructure/estate
- Identify potential bottlenecks and other constraints across routes/plans
- Illumination of infrastructure/routing placement in a centralised capacity



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