

Visualisation of Vehicle Routing Solutions

For A Software Company

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ABSTRACT

The aim of this project was to develop a vehicle routing visualisation tool for a software company. The client produces routing schedules using its software and the visualisation is a web application that allows the client to visualise these solutions on a map. The application is a flexible, custom-built, interactive platform with geovisual analytics and an animated solution. It has a dual purpose in both marketing and conducting analysis on solution efficacy.

A secondary aim of this project was an analysis of proposed improvements to the underlying routing algorithm. A number of improvements were suggested and their impact on solutions analysed.