

Improving delivery performance

Identifying a 14% improvement in operating margin



Goal

The consortium running a major motorway was looking to identify an optimised approach to booking and coordinating maintenance.

The goal was to improve delivery performance in order to raise operating margins.

Insight and Action

QuantumBlack examined two years of asset performance and scheduling works data, identifying multiple strategic operational and cost improvements: improved bookings regrouping, enhanced bookings coordination, and a reduction in non-incident charges.

We ingested data, hunted for patterns, and applied heuristic-based and combinatorial optimisation algorithms to assess savings opportunities for each strategy.

We then collated our findings into a structured savings framework and validated annualised savings figures for the client.

Results

14%

Per annum efficiency improvement

£27 million

Potential savings identified over the remaining period of the contract