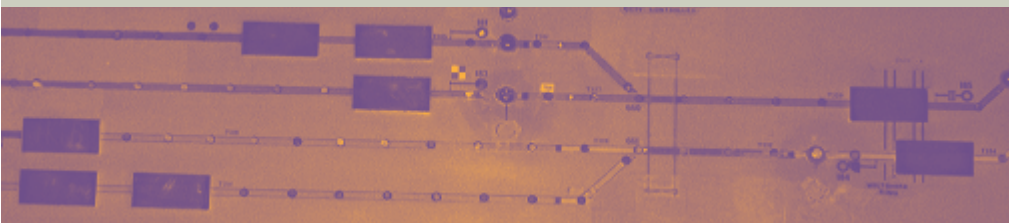


Train service delivery

Fundamental to any aspect of rail operation is the provision of a service plan or timetable. This requires a detailed knowledge of the network and the characteristics of the individual components necessary to deliver the plan. This ranges from the initial plotting of train schedules, successfully harnessing the essential interfaces with track, signalling and other infrastructure, together with the supply of adequate resources in terms of rolling stock and staff.

The challenge

The challenge is to provide a robust and comprehensive train plan that matches demand with capacity. The plan should ensure the delivery of a reliable train service, consistently and cost effectively.



How we can help

Our team has in depth experience of signalling principles and application, traincrew conditions/contracts and management, station working including train despatch, rolling stock disposition, availability and reliability targets, cleaning and maintenance requirements. All this underpinned by a wealth of safety legislation and industry standards formulation, understanding and compliance together with a comprehensive appreciation of the contractual backcloth existing in today's railway environment.

We have a wide range of "state of the art" bespoke train planning tools embracing timetabling, timetable testing, resource programming, performance and capacity modelling. In terms of detailed planning, we realise the practical implications of headways, margins, turn-rounds, unit coupling, traction capabilities, layout and signalling constraints.

Experience in the UK and international has provided familiarity with many types of railway operation both freight and passenger and the many different environments and cultures in which they operate.

South West Franchise

We were responsible for the design and construction of timetables and resource programmes to comply with the contractual obligations of the franchise. Our team used state of the art systems to devise timetables that maximised resource efficiency and produced options that created greater peak capacity.

London Rail Concession

We used the CMS systems to design and produce compliant timetables to support a bidder for the London Rail concession. The project involved the compilation of a number of timetable options to allow the optimisation of rolling stock and traincrew resources.

