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PLANNING YOUR VISION, DELIVERING YOUR PROMISE

David Diesbergen, managing director at D2 Rail, explains how the company's software has supported clients throughout the design and delivery phases of a number of railway projects.

D2 Rail is a diverse delivery partner specialising in bespoke project planning solutions for mainline and mass transit rail. As a business, D2 Rail invests in innovative solutions to solve project problems and help shape the future of the modern rail industry.

At D2 Rail our passion is railways, and our people are experts in delivering fully integrated project planning, from early stage constructability advice and activity programming, to railway access planning and full stakeholder communication. Our services provide clarity and context throughout the lifecycle of the project: from the very early stages at project inception, through to final completion.

Health and safety is at the forefront of all of our practices, and we are constantly striving to bring innovations in safety to the rail industry. We thrive on the challenge of meeting clients' specific requirements and pride ourselves on the use of emerging technologies to implement safer, quicker and more cost-effective solutions.

In addition to our planning expertise, we are also a specialist partner in project controls, tender and bid management, Building Information Modelling (BIM) and information management. Our experts are available for multidisciplinary, significant high-profile programmes of work, through to SMEs for

all their planning and delivery requirements.

Recognising the power of visual representation, D2 Rail's expert engineers can utilise 4D visualisations to provide quick and efficient demonstration to clients and stakeholders. The 4D visualisations also assist with clash detection and optimisation of the multidisciplinary programmes.

Our rail experts are able to develop fully integrated construction programmes and access plans, which use 4D animations for key possession and blockade management, resolving potential conflicts and ensuring safe and timely delivery.

At D2 Rail, our work incorporates real-time animations to give clients and stakeholders a full understanding of the risks and constraints of sites, and these fully functional 4D animations even allow users to navigate through the entire site using a gamepad. This interactive approach helps users identify underground services, site topography and any adjacent structures in the vicinity.

D2 Rail's plans will always incorporate early engagement with project stakeholders such as TOCs and FOCs that require access during works. We work to understand their specific concerns and develop a solution that avoids any potential clashes during the execution of our clients' work.

Utilising our in-house possession planning software, we have assisted TOCs and FOCs to efficiently visualise possession strategies. Our software has also helped our clients make significant cost savings throughout the design and delivery phases of a number of railway projects.

D2 Rail's construction-based approach to integrated rail planning is meticulous and has been responsible for delivering significant benefits to its clients. This has resulted in a healthy growth of business year-on-year, with several high-profile clients choosing us as their preferred supplier.

If you are looking for a strategic partner that works with a creative, constructive and collaborative approach and is willing to invest in innovation, look no further than D2 Rail.

We challenge current market ideas and solve existing problems in the rail industry through new solutions. We will work tirelessly with you to plan your vision and deliver your promise.

FOR MORE INFORMATION

W: www.d2rail.co.uk