

Press release

MTR UK and trenolab set to revolutionise Britain's rail timetabling

London, 1 March 2023: MTR UK, a world-class operator whose rail operations includes operating the Elizabeth line on behalf of Transport for London, has launched a joint venture agreement with software and consultancy firm trenolab.

The joint venture is initially aimed at helping Britain's rail industry to optimise operations and timetable planning, to improve customer journeys through a combination of powerful simulation technology and industry-leading excellence.

MTR trenolab's customised solutions are based on a comprehensive offer including joint infrastructure and service planning, timetable robustness modelling and contingency and service recovery modelling. This leads to better planning, more reliable services, and faster recovery times when trains get delayed.

MTR and trenolab partnered to drive improvements during the phased opening of the Elizabeth line in London, conducting timetable modelling work to identify performance risks that could then be mitigated before each new timetable was launched. As a result, MTR Elizabeth line trains had an average 94.4% punctuality during summer of 2022, compared to 87.6% for all London and South East Operators.

The relationship has evolved into a Joint Venture, that aims to offer similar expertise and improvements to the rest of the rail network.

Graham Cross, Commercial Director at MTR UK said: “Our partnership with trenolab, a company with whom we have a longstanding relationship and a great deal of admiration, is a hugely important milestone for MTR. As demonstrated on the Elizabeth line, we have seen first-hand the power their software brings to the rail sector when important decisions on timetable and infrastructure specification need to be made.

“MTR's involvement adds a deeper, practical knowledge of the rail industry to the technical excellence of trenolab. Together we aim to help clients drive significant improvements in punctuality and reliability across their operations, to benefit their passengers and freight customers.”

Giorgio Medeossi, Technical Director at trenolab, said: “We are proud to be at the forefront of innovation in the rail industry. Our new joint venture with MTR UK will enable rail operators to elevate their service to customers by helping them create high-performing timetables and delivering efficient train services that run on time.”

MTR trenolab will continue to undertake timetable modelling work on TfL's behalf for all changes to timetable specifications for the Elizabeth line, informing decisions on future timetables and the impact of infrastructure design and system software changes, to ensure a high-performance railway that delivers for customers.

-ENDS-

Notes to Editors

For more information, please visit: [MTR trenolab - MTR UK](#)

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About MTR UK

MTR UK is a subsidiary of MTR Corporation. We demonstrate our reputation for operational excellence, exceptional customer service and innovation across our UK portfolio, bringing together railway operations, rail infrastructure and transport-focused property development.

With a consistent track record of delivering through collaborative partnerships and joint ventures, we offer ground-breaking, technology-led approaches.

The company's UK rail operations includes oversight of MTR Elizabeth line, the operator of the Elizabeth line (on behalf of Transport for London), covering all aspects of train and passenger service operations. MTR UK has operated South Western Railway, one of the largest UK franchises, as a joint venture with First Group since August 2017.

For more information about MTR UK, please visit mtr.uk.com.

About MTR Corporation

Every day, MTR connects people and communities. As a recognised world-class operator of sustainable rail transport services, we are a leader in safety, reliability, customer service and efficiency. MTR has extensive end-to-end railway expertise with more than 40 years of railway projects experience from design to planning and construction through to commissioning, maintenance and operations.

Going beyond railway delivery and operation, MTR also creates and manages dynamic communities around its network through seamless integration of rail, commercial and property development.

With more than 40,000 dedicated employees*, MTR carries over 13 million passenger journeys worldwide every weekday in Hong Kong, the United Kingdom, Sweden, Australia and the Mainland of China. MTR strives to grow and connect communities for a better future.

For more information about MTR Corporation, please visit mtr.com.hk

*Includes our subsidiaries and associates in Hong Kong and worldwide

About trenolab

trenolab provides railway simulation modelling and consulting services to support timetable optimisation and planning. From long-term infrastructure planning to short-term timetable adjustments, trenolab supports train operating companies (TOCs), public authorities and infrastructure managers in planning efficient and robust timetables for all purposes including schedule optimisation, infrastructure planning, franchise development and concession bids. The company was founded in 2015 and has built a strong reputation across the UK, Europe, North America and Asia.

One of trenolab's greatest strengths is combining software development with consulting services. Our deep understanding of railway simulation software helps us identify the best possible tools for quickly and efficiently solving client problems while also enabling us to develop highly specialised new software tools when necessary.

For more information about trenolab, please visit trenolab.com

Images



Graham Cross, Commercial Director, MTR UK



Mike Bagshaw, Managing Director, MTR Elizabeth line



Giorgio Medeossi, Technical Director, trenolab