

## The challenge

Development of risk-based solutions for operational training is a key element to ensure a smooth, safe and effective transition to this new train control system.

# ETCS

# SOLUTIONS

This document describes why RPD Inspire are the organisation that can deliver your ETCS operational training requirements in a simple and cost-effective manner



RPD Inspire are the leading provider of ETCS operational solutions to GB rail organisations. We are currently delivering MTR Crossrail's operational training strategy for ETCS and CBTC

### ETCS services include:

- Awareness briefing for managers and front line staff
- Training strategy, design, delivery, assurance and safety validation
- Online learning, planning and competence management systems
- Design and delivery of basic and conversion training for new trains and signalling systems
- Simulation tool design and development
- End-used manual design

# Why select RPD?

RPD have unrivalled experience in design and delivery of simple cost effective ETCS training in the GB rail industry



- Designed the GB driver training strategy for ETCS adopted by NEP
- Designed and delivered ETCS awareness briefing sessions for the national programme
- A wide range of practical experience of different signalling systems both nationally and internationally including ETCS, CBTC, TVM430 and ATO
- Unrivalled expertise in supporting the introduction of new trains and train operations to the UK network
- Designed and implemented ETCS and CBTC training strategy and modules for MTR Crossrail
- Involved in the implementation of ETCS and ATO operations for class 700 with GTR
- A member the Western ETCS operational instructions develop group



# RPD are able to provide the following

- ETCS operational and engineering consultancy support
- Design and delivery of ETCS driver training programmes
- Design and delivery of ETCS awareness programmes for managers
- ETCS operational trainers
- Design CMS processes for effective ETCS management
- Human factors and behavioural consideration for operational interface issues
- Compliance with ROGS, ORR's guidance on developing and maintaining staff competence (RSP1) and relevant TSIs
- Design of simulation technology and processes for normal, degraded and emergency situations
- Development of operational concepts and procedures that take account of human factors



**ASSURE**<sup>®</sup>

**Online  
competence  
management  
system**

# Our Track record

Just a few examples...

## Signalling and train communication systems

We have set up and introduced management systems and procedures for all functions of Dubai Metro ranging from engineering, automatic train control through to front line operations.



Other notable examples of our successes include: Introduction of Channel Tunnel Trains using TVM430; development of risk based systems for London Underground ATO & ATP operations; delivery of national GSM-R training for drivers, conductors and signalling staff.

## ETCS & CBTC introduction to MTR Crossrail...

We have developed a simple approach competence management system for MTR Crossrail which incorporates the both the CBTC and ETCS training strategy, programme

planning, RBTNA, learning methodology, training deliver and assurance.



## Training and development...

We have designed, developed and delivered a wide range of cost-effective and innovative training courses across the industry. A prime example being the development of the award-winning driver training package now implemented within Arriva Rail London, MTR Crossrail, GTR and Chiltern Railways which has been cited and industry best practice, improving quality and relevance of delivery.



## Modern techniques for driver training

We have integrated into driver training, modern adult learning techniques that focus on delivery of competence. We create simulation tools, end-user documents and Apps that remove the over-reliance placed on knowledge



For further information or to discuss how we can support your organisation, please contact:

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