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TECHNICAL MEETING

Digital Railway Traffic Management

Presented by
Andy Bourne

Tuesday 15 April 2025

Venue: 55 Broadway, 10th Floor

Commencing at 5:30pm BST

Talk synopsis

Traffic Management Systems are one of key technologies underpinning the UK mainline Digital Railway strategy. They are seen as a key means of improving train service performance by deconflicting timetable operation and enabling better recovery from delays. The early Traffic Management deployments are now completing and the next tranche of schemes are being initiated.

This talk will explain how traffic management (TM) works in the National Railway context and some of the challenges and complexities of TM delivery. The similarities and contrasts with the metro environment will be explored. The status of current schemes will be shared along with future schemes and strategy.

Speaker biography

Andy Bourne is a Senior Technical Director in Arcadis Consulting UK. He is currently working as a technical lead in the Digital Railway Programme as part of Arcadis' Delivery Partner – Systems role. Most of his time is focused on advisory and delivery roles in Traffic Management projects.

Prior to this Andy worked for over thirty years in London Underground and Tube Lines. He started his career working on Signal Control Systems before undertaking a number of System Engineering roles and then spent around 12 years in senior engineering and project delivery roles for the Jubilee and Northern Line Upgrades and Four Lines Modernisation programme.