



## Andrew Whawell MIRSE

Managing Director

### Professional Training

- Controller of Site Safety (COSS)
- Module 5 - Assistant Signalling Tester
- Signal Maintenance Tester
- Wrong Side Signalling Failure investigation
- HW and Clamp lock points maintenance
- AHB level crossings
- CCTV level crossings
- RI (Relay interlocking)
- Advanced Signalling Technology - Scheme plan and control tables
- Instrumentation Engineer

### Qualifications

- Member of the Institute of Railway Signal Engineers (MIRSE)
- ONC and HNC in Engineering
- Working towards Engineering Manager licence and Chartership

### Contact details

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### Professional Summary

Andrew Whawell is the Managing Director of Mpec, and an engineer with more than 30 years of multi-disciplinary engineering experience in both projects and maintenance.

Andy has been involved in gaining product type approval for multiple signalling products and implementation of these products into the industry. He has worked on signalling renewals at many levels with maintenance and new works, and has held technical support positions responsible for technical and contractual compliance. Additionally, he has worked as a signalling tester in both maintenance and new works.

### Selected Professional History

#### Network Rail Intelligent Infrastructure

As part of Network Rail's Intelligent Infrastructure roll-out Andy led Mpec in identifying and resolving critical industry challenges and in doing so brought multiple devices and datasets to the market. Development of the Mpec Centrix dashboard, under Andy's guidance, ensured data accessibility to NR Engineers prior to this becoming a corner-stone of how the industry utilises RCM.

#### Translink RCM Roll-out

Introducing Remote Condition and Event Monitoring to Northern Ireland through Translink demonstrated Andy's ability to apply principles learnt on the UK rail network and apply them in other territories. Translink have become a key user of the Centrix system and embraced the use of RCM.

#### NYCT RCM Roll-out

Andy has successfully taken decades of best practice built up on the British rail network and applied these to the transit network New York city support by the integration of the Centrix platform hosted on-site in the network control centre.

#### Balfour Beatty Signalling Products Manager

Responsible for tendering, delivery, and general management of all operational signalling projects within Rail Technologies. This role involved the management of two teams, each consisting of a team Manager and development engineers working on event monitoring and interlocking testing projects around the UK.

#### Balfour Beatty Systems Project Manager

Responsible for managing the implementation of a new event monitoring analysis system called Asset View at Ashford IECC and London Bridge signal box. Responsible for the supervision of a team during the testing, installation, and commissioning of the system as well as for the delivery of BBRail's computer aided testing system service (CATS) for signalling interlockings.