

Contact

International Rail Technology Consultants

Your Regional ERTMS Representative



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Rail. Right through

For an informal discussion to explore your ETCS/ERTMS requirements and to find out how Interfleet can add value, please contact your regional representative, or alternatively:

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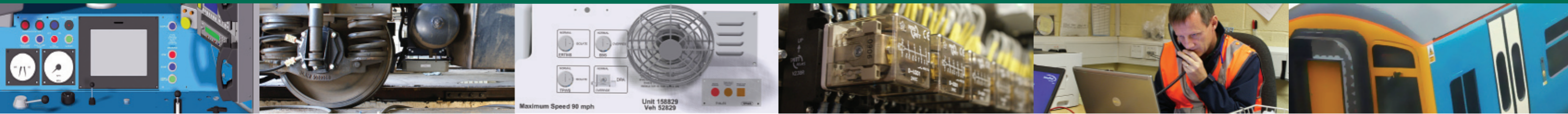
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ERTMS





Unrivalled Credentials

Interfleet Technology is an international rail technology consultancy group. Founded in 1994, we have a proven track-record over many years, delivering business benefits for our clients in the areas of rolling stock, railway systems and strategic railway management. We can do the same for you.

International Understanding

As a world-wide consultancy group with 24 international offices, we have strength in depth of resources; proven experience gained over many years, plus detailed understanding of both national rail systems and international best-practice. This means that you can be confident in Interfleet's ability to deliver benefits for your business.

Hands-on Experience

Our business is firmly grounded in the abilities of our people. Over 550 consultants on 4 continents provide you with a unique base of global rail industry expertise. Their diverse skills and experience combine to provide a truly comprehensive service offering, to meet your needs and objectives.

Many of our rail professionals have previously worked at a senior level with operating companies, manufacturers, maintainers, asset owners and other key industry organisations. Indeed, many are the acknowledged experts in their field. Hence, we bring you genuine hands-on experience and rail systems knowledge.

The Right Approach

To effectively deliver your needs, we carefully select teams of high-calibre specialists, with the skills and knowledge needed to meet your objectives. We can draw upon the full resources of the Interfleet group to ensure we deliver and to bring you the benefits of our international best-practice understanding and experience.

To Find Out More

Contact us today to discuss your exact requirements and to find out how we can add value and deliver benefits for your business.

Interfleet's ETCS/ERTMS Experience

- Vehicle installation designs and turnkey fitment for Ansaldo for the first UK trial of ERTMS on the mainline network.
- Vehicle interface designs for the UK's Docklands Light Rail, a moving block train control system.
- Vehicle installation design of Automatic Train Protection (ATP) systems for Great Western and Heathrow Express train operations in the UK
- Automatic Train Operation (ATO) systems management, maintenance, assessment and reliability improvement on specific London Underground trains
- Feasibility study for the integration of the French automatic train protection system (TVM430) onto the channel tunnel shuttle locomotives
- Various investigations and feasibility studies undertaken with respect to mobile communication technologies including telecommunications support for ERTMS bearer facilities, data connectivity for train support, support for the implementation of the Global System for Mobile Communications for Railways (GSM-R) on-train voice and data equipment

European Experience

- Development of strategic implementation and interoperability requirements and roll-out strategies for ERTMS for the Danish state railways
- Planning and execution of integration tests for the introduction of the universal ERTMS interface module, known as the Specific Transmission Module (STM) for Sweden, Norway and Finland

North American Experience

- Various North American train control projects and feasibility studies, including train control systems for New Jersey Transit, Maryland Rail Commuter and Amtrak train services

South American Experience

- Support with the implementation, testing and commissioning of ATO for one of the world's largest copper mines in Chile

Singapore Experience

- Development of the vehicle interface requirements for the transmission based train control systems for the Circle and North East lines in Singapore

As can be seen from these selected examples, we have delivered a wide range of ETCS/ERTMS around the world to organisations like yours and we could do the same for you.

Contact us to discuss how we can help.

How We Can Help You – Our Services

The world-wide expertise and knowledge of the international Interfleet group means we can offer you a unique portfolio of services relating to ETCS/ERTMS, from high level strategy to detail implementation. The wide range of support we offer includes:

System Integration

- Management of system interfaces
- System requirement capture
- Testing/validation
- Commissioning
- System assurance

System Evaluations

- Feasibility studies
- Implementation strategies
- Human factors and drivers cab design concept modelling
- Operational strategies
- Technical assessments
- Safety integrity analysis
- System concept and specification development
- Train/infrastructure interface specifications
- Location technology and mobile communications

System Trials

- Systems integration assessments
- Design and prototyping for retro fitment
- Interface to braking systems
- Commissioning and testing
- User manual production
- Rule book and safety case development
- Train crew training
- Trial management
- Trial fleet fitment
- Maintenance documentation
- Approvals management, including Notified Body requirements
- Electro magnetic compatibility (EMC) compliance

Fleet Implementation

- Systems integration
- Installation/production designs
- Innovative installation solutions
- Application of human factors requirements
- Training
- Maintenance and operational documentation
- Ongoing maintenance and spares support
- Project management/project engineering
- Procurement specifications
- Migration strategy and fitment plans
- Supply and fitment of materials and equipment
- including kits of parts, kit storage and management
- Approvals and certification
- Standards compliance management
- Performance feedback/analysis

We have a proven ability to plan, manage and implement successful ETCS/ERTMS projects from concept to operation, delivering solutions to complex problems and meeting tight timescales.

Contact us to discuss your exact requirements and to find out how we can add value for your organisation in the ETCS/ERTMS arena.

