

ERTMS: Training Train Crew & Maintenance Staff

Interfleet has extensive knowledge & experience of advanced signal and train control systems. Our capabilities range from high-level strategy through to fleet fitment and implementation, including hands-on training of train maintenance staff & managers who will be involved with ERTMS systems.

Delivered by our rail training specialists, our training services in the ERTMS field encompass all issues that train crew & maintenance staff will need to understand, from a basic overview of ERTMS systems, through to detailed information on specific components/processes. Our courses are modular, each covering specific issues, to enable tailoring to suit different staff and activities:

Module 1 – Key Topics Covered

- Background and reasoning behind ERTMS
- Different ERTMS levels
- Key system components
- Layout, location & abbreviations of system components
- (including both trainborne & infrastructure equipment)
- Key safety procedures relating to ERTMS

Module 2 – Key Topics Covered

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- Main parts that make up ERTMS system
- Basic component operation
- Component safety
- Systems schematics
- System operation/component interaction
- Installation layouts (cable runs, jumpers etc)

Module 3 – Key Topics Covered

- ERTMS equipment maintenance regime
- Recording procedure relating to ERTMS maintenance
- Safety conditions associated with maintenance
- Changing ERTMS components;
- System redundancy & testing to identify failed systems
- Wheel diameter measurements using Versine gauges

Module 4 – Key Topics Covered

- Down/uploading from/to EVC/JRU;
- Uploading train data, inc. wheel diameters;
- Downloading/interpreting fault codes;
- Downloading/interpreting odometry equipment;
- Downloading JRU & interpreting data;
- LED indicators on EVC racks;
- Component redundancy, fault indication & operational impact;
- Interrogation of downloads to identify faults.
- Operation & use of European Test Tool Rack

We have delivered a wide range of training solutions to organisations like yours and we could do the same for you. Contact us to discuss how we can help in delivering your ERTMS training needs.

