

# ETCS

## Introduction and Applicability for Australia

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The European Train Control System (ETCS) was specified and developed to harmonise train control in Europe from a multitude of national heritage solutions to one single interoperable standard.

This presentation will provide a basic overview of ETCS and its history, explain the two levels of ETCS available today and describe the benefits ETCS can provide to rail operations around the world. The applicability of ETCS to rail networks in Australia will be addressed, with a comparison of Communication Based Train Control (CBTC) which is commonly used for mass transit rail networks.



Frank Heibel has a professional history of 18 years in main line railway signalling. He worked primarily in technical sales and business development roles in Germany, Australia and the UK. For the last ten years he has been exposed to ETCS in varying levels of detail, from portfolio planning and supervision of R&D to marketing activities.



### RTSA:

for all who have an interest in railway technology and management

### TECHNICAL PRESENTATION

**Hawken Auditorium  
Engineers House  
447 Upper Edward St  
Spring Hill**

### WHEN

**Wednesday  
28th October  
5:30pm for  
6:00pm Presentation**

### REGISTRATION

**EA QLD Division  
3832 3749**

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**THALES**

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