

## **The Latest Technology towards the Improvement in Safety of Rail-vehicles**

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This paper introduces three topics of the latest technology for improving rail vehicle-safety issues. The first one is a failure tendency of the on-vehicle train-protection equipment (ATS/ATC) obtained from the result of the investigation especially paying attention to the improvement of the reliability of the electronic device. The second one is the development of air wipe equipment as one of the methods to improve adhesion in the wet condition of the rail surface. The third one is the modeling and evaluation technique for clearing the standard value of the inductive interference examination.