



LEADER (Driver Advisory System)



APPLICATIONS

Commuter Trains | Regional and High-Speed Trains | Freight Trains

KNORR-BREMSE



DESCRIPTION

By means of a database, the system calculates the optimum driving pattern for a train. The main parameter to be optimized is energy consumption; but punctuality, brake wear, and noise can be improved as well. The system has a link to a back office server that is used to update the on-board unit with the latest information about schedules and speed limits as well as train configuration data. The back office receives detailed information about the driver's performance on each run.

LESS LIFECYCLE COSTS

- reduced braking effort leads to less wear

INCREASED ENERGY EFFICIENCY

- energy consumption of a train reduced by between 5% and 25%, typically by 10%

REDUCED EMISSIONS

- noise emissions are automatically reduced by smooth driving and can be further reduced in noise-sensitive areas

Disclaimer: We have prepared the product description with due care but cannot exclude any errors. The product description does not contain any warranty or guarantee, in particular neither regarding correctness, accuracy and completeness of contained information nor regarding quality, negotiability, adequacy for certain purposes and compliance with laws and patents of described products.