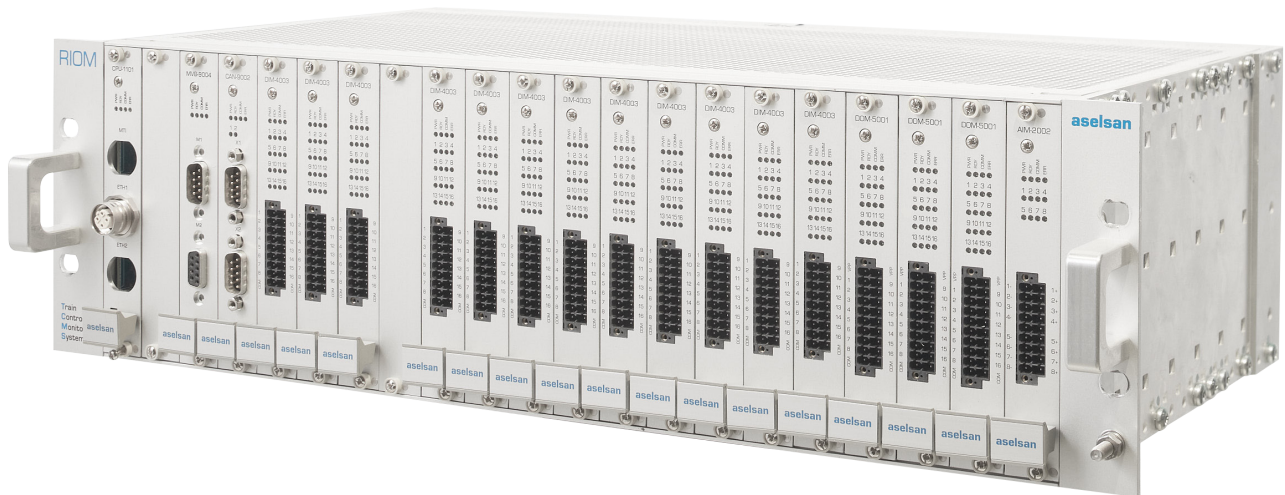# aselsan

TCMS
TRAIN CONTROL AND MANAGEMENT SYSTEM

TCMS

TRAIN CONTROL AND MANAGEMENT SYSTEM

Product Description

TR-CMS provides central control of the train by coordinating emergency braking, traction, door control, light control, HVAC, Passenger Information in vehicle and inter vehicle communication systems.

TR-CMS has a flexible design to meet requirements of future trains with its modular design.

General Features

- Flexible system architecture
- Ethernet based train backbone communication
- Ethernet, MVB and CAN connections in vehicle bus
- I/O boards
- 19" cabinet mountable

Typical Applications

- High speed trains
- EMUs
- Locomotives
- Metros
- Tramway
- Light Rail Vehicles

Functions

- Equipment monitoring
- Build-in onboard test
- Light control
- Door control
- HVAC control
- Brake control
- Traction control
- Announcement system
- Fault detection
- History record
- APU monitoring
- Maintenance screen

Standards

- Functional Compatibility   : EN 50155, EN61375
- Safety Compatibility   : EN 50126, EN 50128, 50129

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