





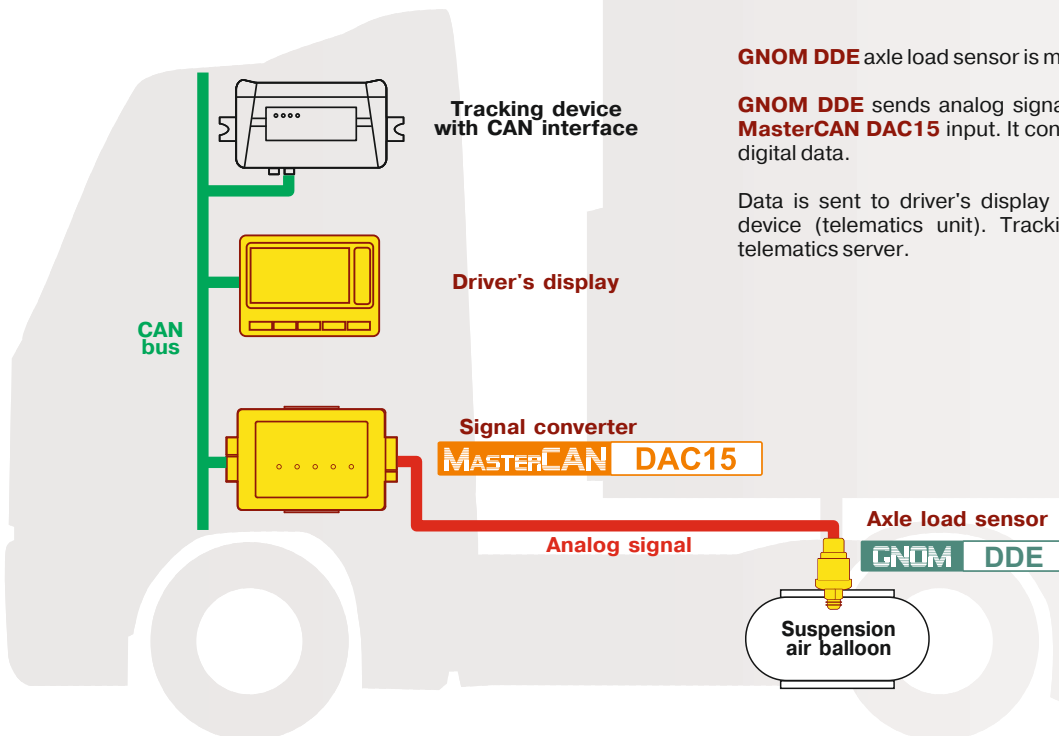
Axle load monitoring: freight trucks

Goals



-  **Axle load and cargo weight monitoring**
-  **Cargo theft prevention**
-  **Prevention of fines for exceeding load limits**
-  **Detection of underhand cargo**

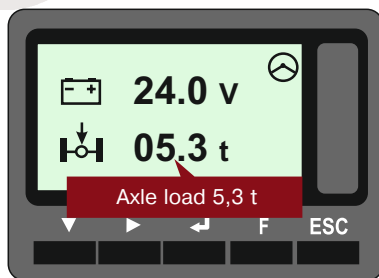
Solution: axle load sensor GNOM DDE



GNOM DDE axle load sensor is mounted into truck's air suspension.

GNOM DDE sends analog signals into digital to analog converter **MasterCAN DAC15** input. It converts signals into CAN bus (J1939) digital data.

Data is sent to driver's display and CAN-port of vehicle tracking device (telematics unit). Tracking device sends data to online telematics server.



Driver
can visually monitor axle load when loading and unloading truck.

Fleet manager
receives real-time information on axle load, occurred events (loading/unloading), location and route of truck.

