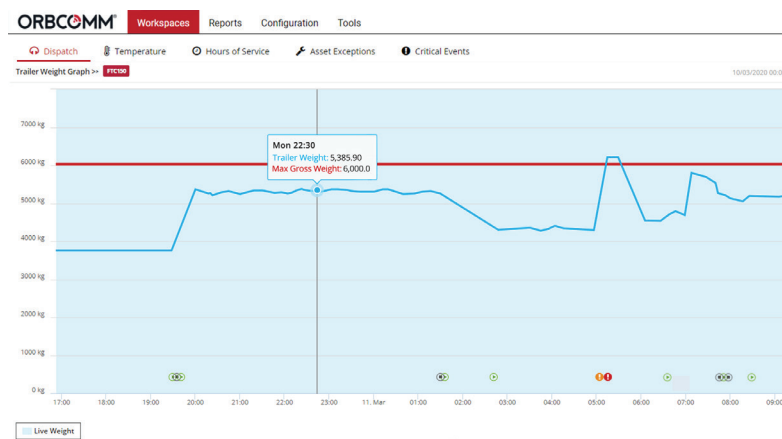# Trailer Weights

Managing overloads using EBS brake data.

Real-time trailer weight data, load and unload events, maximum allowable vehicle weight settings.

Trailer weight monitoring enables fleets to access real-time data to track trailer weight changes so that fleets can improve cargo security, avoid empty trips and improve trailer utilisation. Fleet operators can solve the problem of overweight trailers by accessing data from the Electronic Braking System (EBS) module.

Avoid running overloaded trailers

By monitoring the weight of trailers in real-time, operators can avoid potential fines before trailers even leave the yard. This prevents overloading of trailers before it becomes a concern. Maximum weights can be configured for trailers to allow for vehicle differences.

Prevent idle trailers

Connected trailers give operators complete visibility on the status of all their assets at any time. Dispatchers can see if a trailer is empty or running sub-optimally. By accessing a live view of a trailer's location and weight status, trailers can be redeployed to reduce "accidental" idling. Checking trailer weights allows dispatchers to locate empty units available for the next job.

Mitigate against theft or loss

Trailer weight data helps to combat theft and misuse. Dispatchers can select a day or time frame for review, so an audit exists of trailer weights at each point of the journey. Load and unload events can be tied to specific locations and times to investigate unauthorised loading/unloading of cargo.

Get the best value from your trailer fleet

By using trailer weights to assess trailer utilisation over time, operators can make ROI decisions about the size of their fleet, and whether it is under/over-optimised. New trailers may be required or existing trailers can be sold when trailer weight data is integrated into commercial purchasing decisions.
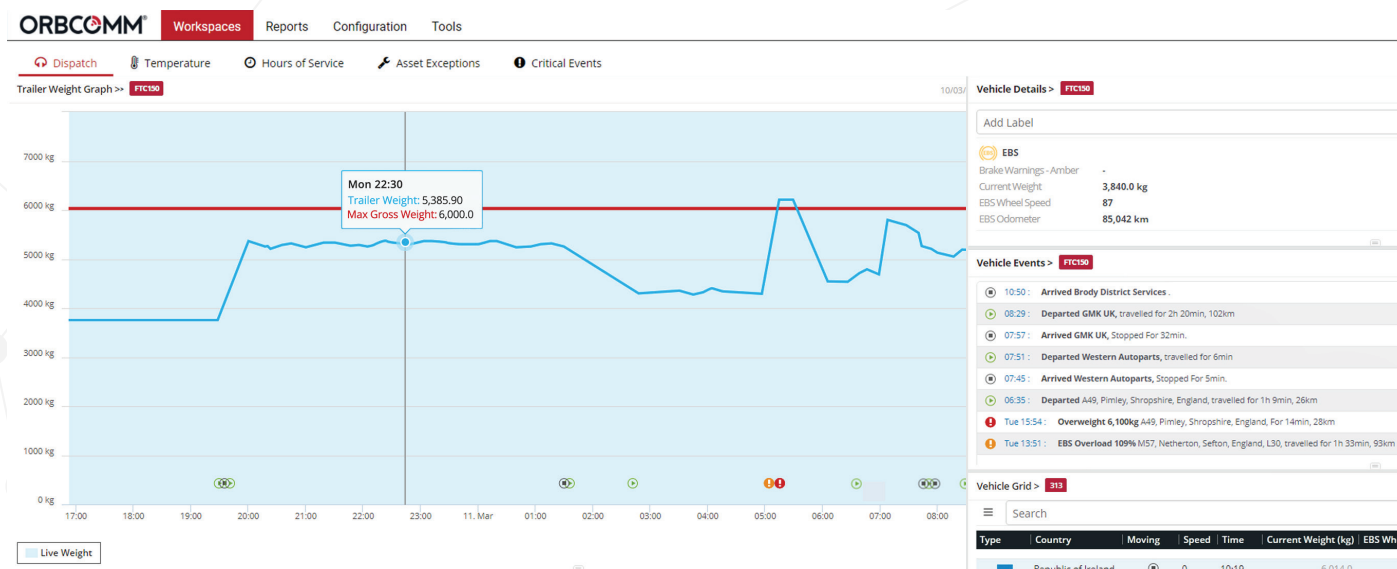
Load/unload events

Maximum Vehicle Weight (MVW)

Odometer Mileage

EBS Warning Lights

Data APIs

Connects to key EBS brake manufacturers

Features

Real-time trailer weights: In the Vehicle Grid widget, the last recorded trailer weight is displayed. A new Trailer Weight graph displays trailer weights over time.

Load/unload events: See every load and unload event linked to time and location.

Maximum vehicle weight (MVW): View the maximum allowable weight for each vehicle in the Vehicle Grid.

Configurable MVW: The maximum allowable weight can be configured differently for each vehicle in the fleet.

Data integration: Trailer weight information is available via an API call for display in other systems.

Odometer mileage: Use actual trailer mileage for maintenance scheduling to help avoid over/under servicing trailers; data can be integrated with the fleet's maintenance software.

EBS monitoring: Improve safety with red/amber warnings from EBS module.

Compatibility: Connects to major EBS manufacturers including Haldex, Wabco and Knorr-Bremse.

Hardware: Available with ORBCOMM's BT 120 and BT 320 hardware for dry and refrigerated trailers.

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CONNECTING THE WORLD'S ASSETS