



On Board Weighing System (OBWS)

Full vehicle load utilization via real time axle load measurement

Marc Leinemann | September 10, 2020



On Board Weighing System

The Legal Directive (EU) 2015/719



Road safety



Fair competition



Environmental protection



Protection of infrastructure



On Board Weighing System | Challenges

What does this mean for drivers and fleet operators?

-  ✓
-  ✓
-  ✓
-  ⚠
-  ✓
-  ✓



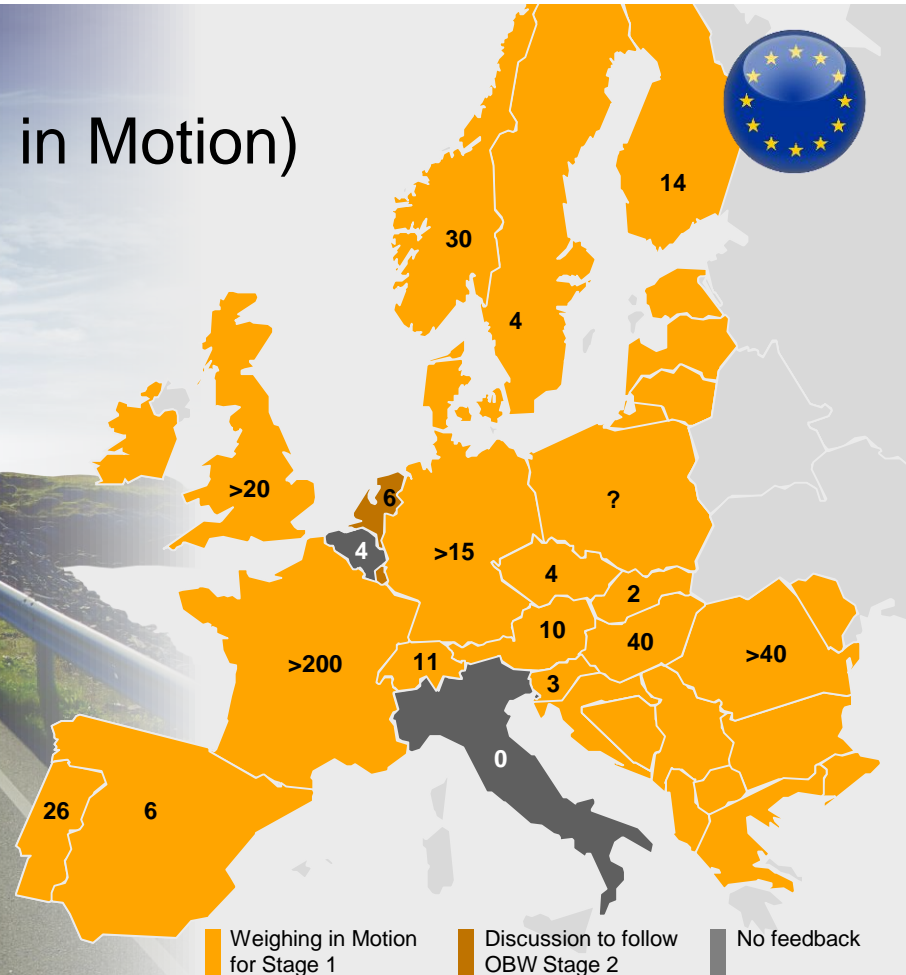
On Board Weighing System

But wait...

...hasn't Europe already agreed on "Weighing in motion" (measuring the load via infrastructure)?

On Board Weighing System

The alternative: WiM (Weighing in Motion)



A driver is shown from the side, sitting in the driver's seat of a truck. He is wearing a black t-shirt and is looking forward. His hands are on the steering wheel. In the foreground, a tablet is mounted on the dashboard, displaying a software interface with various data points and charts. The background shows a highway with other vehicles and a clear sky.

Yes!

And OBWS brings opportunities to enhance the business of drivers and fleet operators.

On Board Weighing System

Possibilities and advantages



**Prevention
of Penalties**



**Regulatory
Compliance**



Efficient Loading



**Road
Safety**



**Reduced
TCO**



**Predictive
Maintenance**



Pay per Use



**Work Order
Management**



**Logistics
Management**



**Fleet / Operator
Performance
Monitoring**

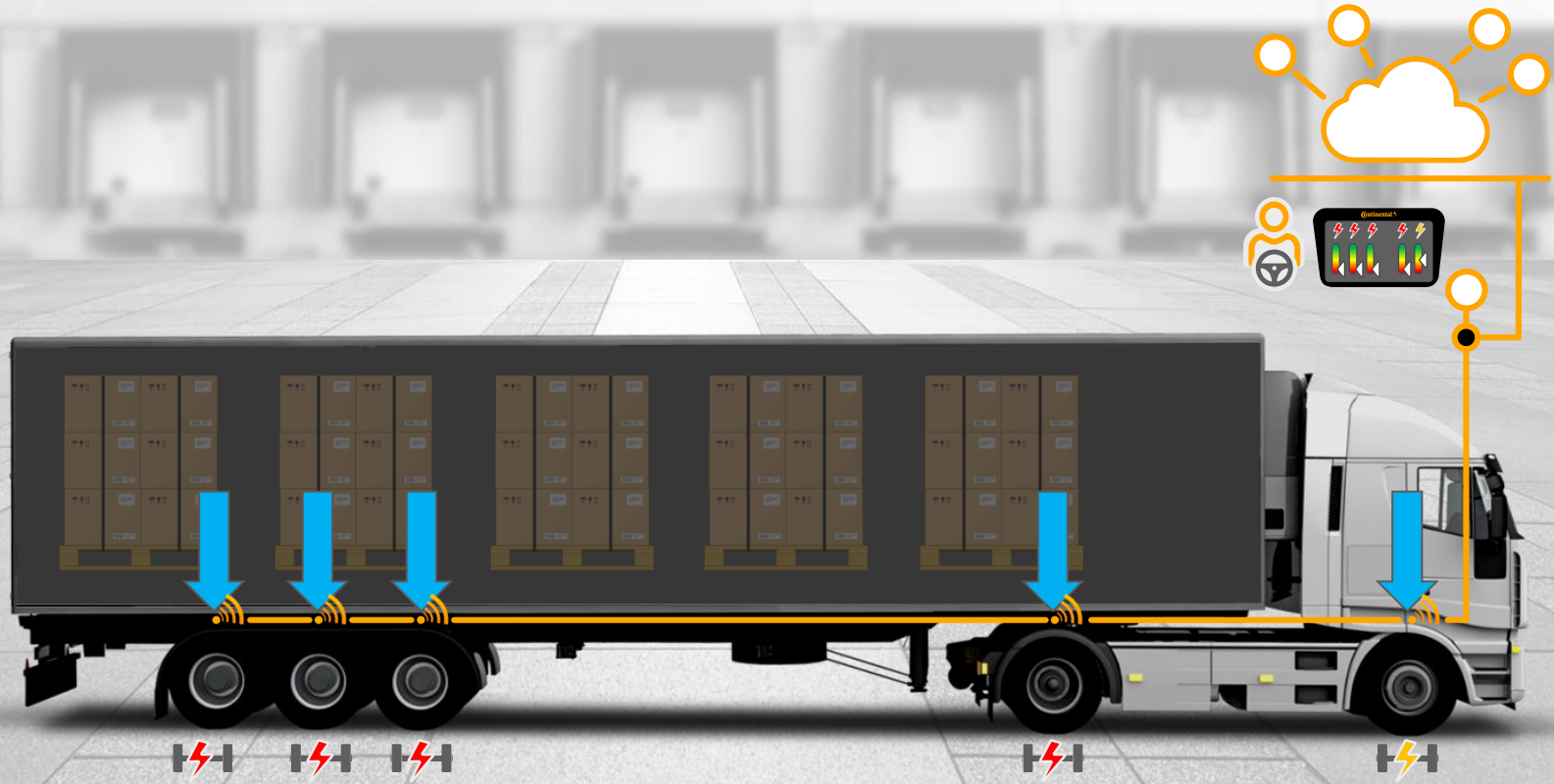


**Fair
Tolling**



On Board Weighing System

So, what is it in detail?



On Board Weighing System Customers



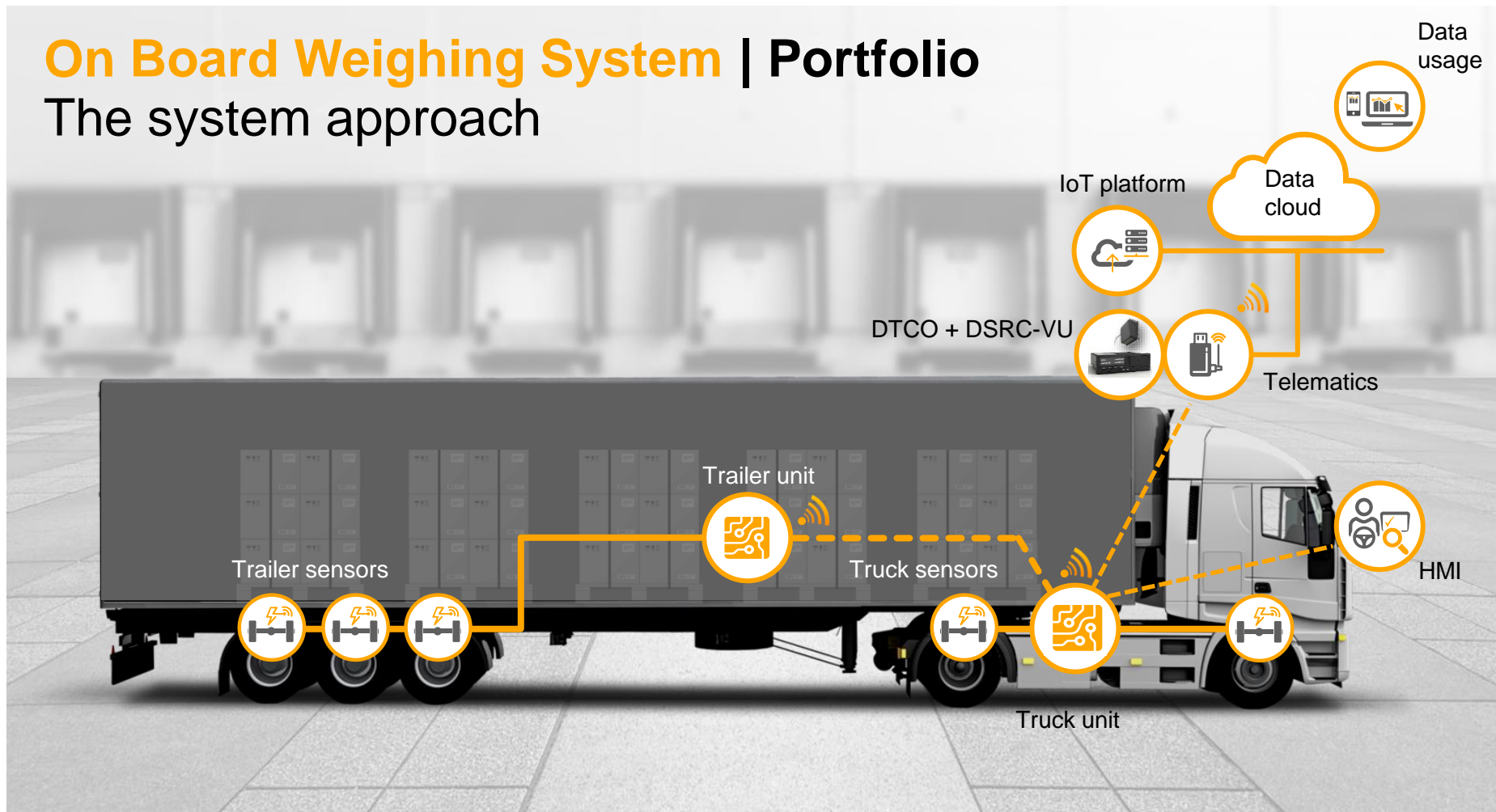
Driver



Fleet Manager

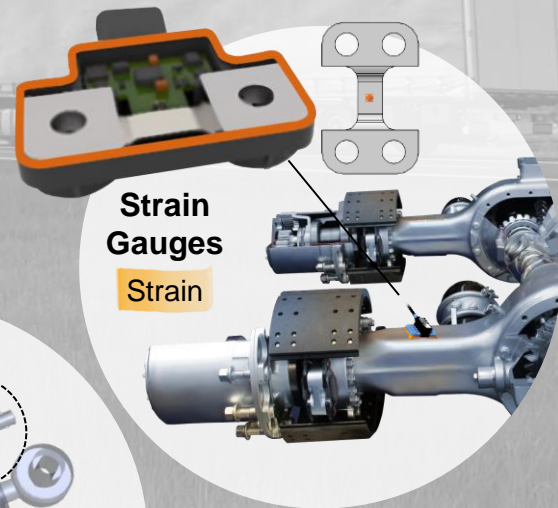
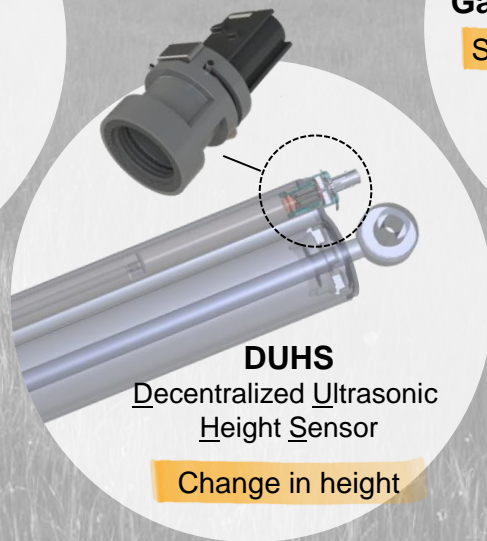
On Board Weighing System | Portfolio

The system approach



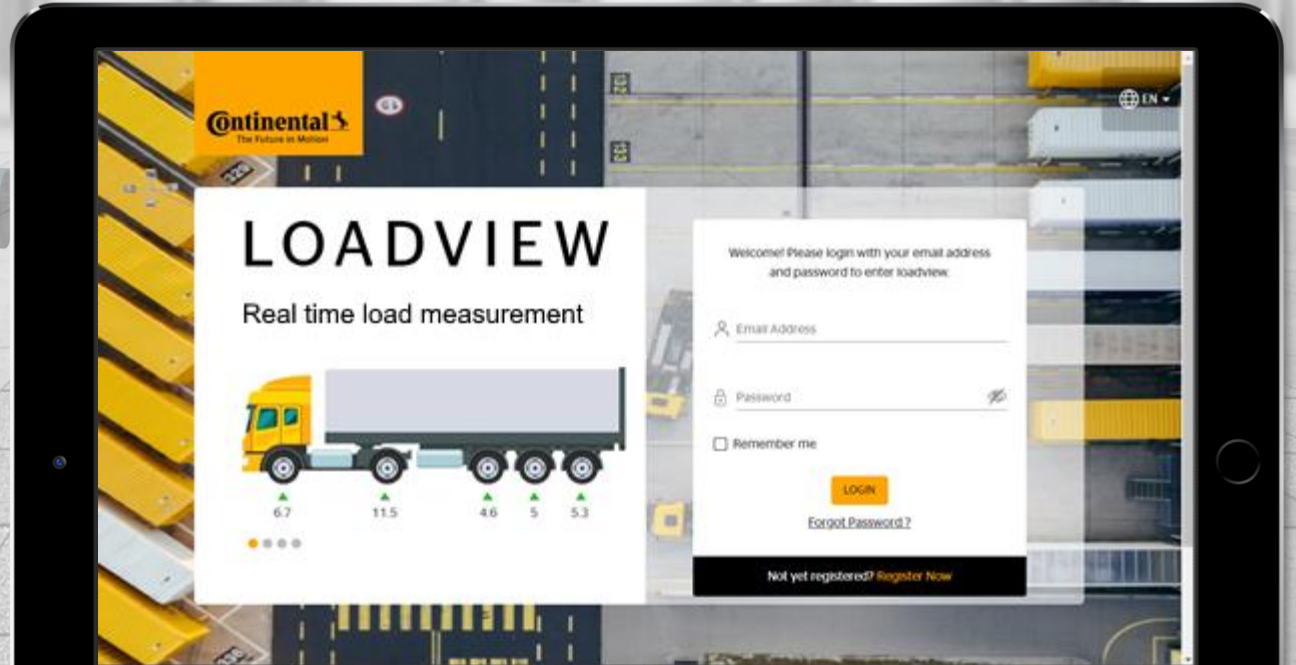
On Board Weighing System

Our different Continental approaches



On Board Weighing System

Data processing
and enabler for services



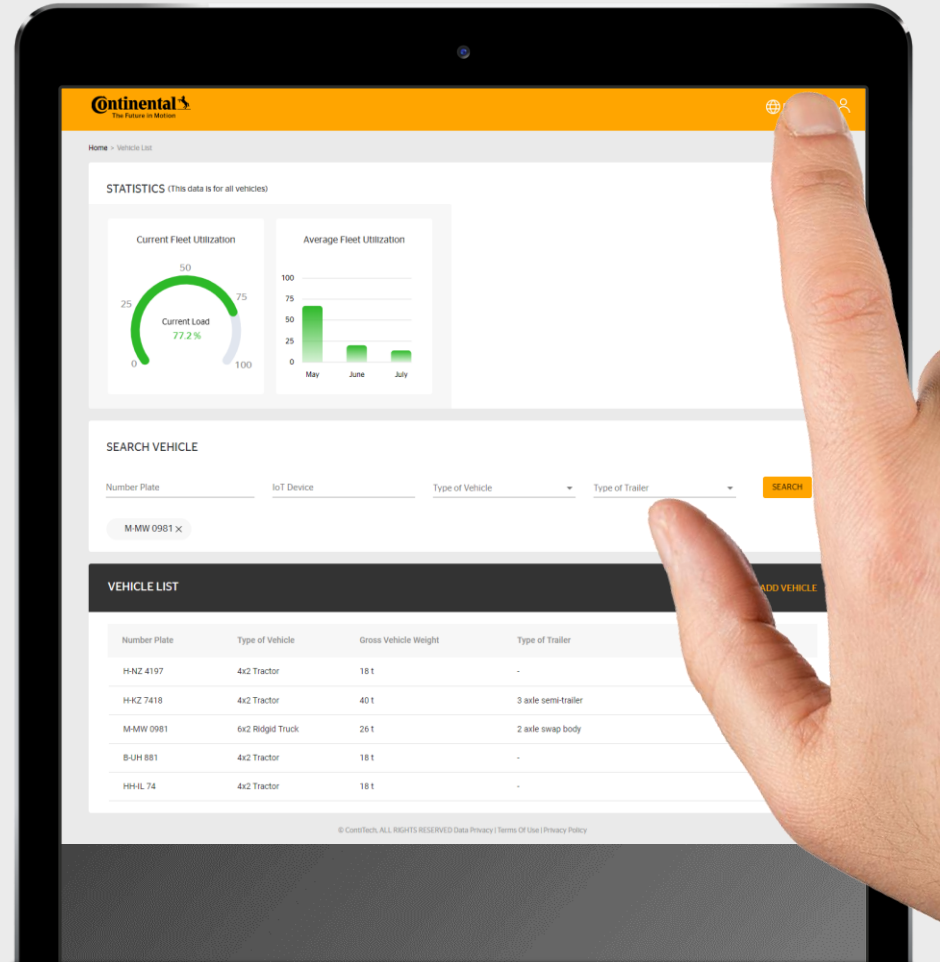


On Board Weighing System

Data processing
and enabler for services

Benefits & Features

- › Fleet overview
- › Gather statistics
- › Vehicle list
- › Real time vehicle details



On Board Weighing System

Weight monitoring. Anytime. Anywhere.

Real time load display allows the utilization of the vehicles full load potential. Immediate overload warning helps the customer to adhere to legal regulations and enhance road safety and infrastructure.



Display
Truck Load



Accuracy and Reliability

Fleet
Statistics



User friendly

Reduced TCO
for Customer



Increased efficiency

Protect
infrastructure



Road safety

A large, dense pile of 3D white question marks is scattered across a light gray surface. The question marks are of various sizes and orientations, creating a sense of depth and volume. The lighting is soft, casting gentle shadows that emphasize their three-dimensional form. The overall composition is clean and minimalist, focusing on the central theme of inquiry.

Questions and Answers

Continental 

The Future in Motion