

Continental Trade Fair Highlight: Optimized Load Space Detection with AI-based Solution



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Drivers, ramp agents and fleet managers can use the solution easily: After securing the load, the driver takes a photo of the cargo area with a standard smartphone. The photo is then uploaded to the Continental Cloud, where the actual 'thinking' takes place – in other words, the calculation of the available cargo space by the AI algorithm developed by Continental. The driver can also use his smartphone to edit the information manually or add additional information before he uploads it to the Secure Cloud. After that, the data can be forwarded to the dispatch software. Good connectivity provided, this process only takes a few seconds. The fleet manager can then optimally coordinate additional loads using the data on the available loading weight, which, for example, he receives from the intelligent tachograph via the VDO Link or via classic telematics software from the FMS interface.

“This means that the dispatcher now has precise and reliable load data in his system – data that is not simply based on an estimate. The load capacity can then be offered on freight markets or can be internally distributed, especially in the case of larger fleets,” says Jörg Lützner, who is Head of Continental’s Smart Mobility Innovation Management and responsible for the development of the Trailer Capacity Assessment. “Technologically, the AI we use is based on the years of experience we have gained in many driver assistance and autonomous driving projects.” The prototype has already delivered excellent results during the development phase of around two years, and the team is now looking forward to receiving even more data from real life: “That’s the advantage of being able to use artificial intelligence,” says Jörg Lützner. “It learns every time we use it, so it always gets better.”

At the IAA TRANSPORTATION, visitors to the Continental booth (Hall 12, Booth C29) will not only experience the Trailer Capacity Assessment, but also many other solutions for the major challenges of

the mobile future in freight transport.

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