Open source approach for dynamic time slots

**Time Slot Management:**

**Open Logistics Foundation starts new project with Transporeon**

Thursday, 3 July 2025

**The Open Logistics Foundation is launching a new project on time slot management within the existing Working Group *Track & Trace*. The goal is to develop a shared open source data model for dynamic time slot management along the entire supply chain. The project will be led by Transporeon, a leading transport management platform and a Trimble company.**

In practice, there is currently a lack of end-to-end, vendor-independent standards for managing time slots. Many companies, both suppliers and recipients, work with proprietary isolated solutions that can neither flexibly react nor communicate with one another. This is precisely where the new project of the Open Logistics Foundation comes in: It aims to create an open, interoperable framework that digitalises, simplifies, and synchronises processes at transshipment points. *Time Slot Management* is a project of the existing Working Group *Track & Trace*.

**Standardised and free solution for flexible time slots**

The new project focuses on developing a standardised Time Slot Data Model, defining interoperable communication protocols, and implementing intelligent negotiation logics to enable automated and fair allocations in the event of time deviations, for example. “The demand for open standards is huge. At present, logistics service providers often have to work with several different time slot systems in parallel,” explains Gerry Daalhuisen, Senior Director Dock & Yard/Fleet Products at Transporeon and Co-Lead of the project. “With this project, we want to resolve this fragmentation and create a system that functions flexibly and interoperably.”

The results will be made available as an open source solution via the Foundation’s Repository.  
“The introduction of an open standard for time slot management is an important step towards improving collaboration in logistics and enabling a shared, free solution for all market participants,” adds Nathalie Böhning, Project Manager at the Open Logistics Foundation and Co-Lead of the project. “We are thus creating a logical extension of our Track & Trace model, since time slot management is an essential component of transparent supply chains. Everyone is welcome to join the Open Logistics Foundation and actively contribute to the solution.”

**Participants of the *Time Slot Management* project group**

Blue Yonder, Business Code, Cargoledger, CargoSign, Collect + Go, Contargo, DB Schenker, dbh Logistics, DSLV, Gebrüder Weiss, GS1, Interface21, iteratec, LKW Walter, Logistics Cloud, Markant, Maven, Rhenus, Sitra, Tradelink, Trans.eu, Translogica, Transporeon, Zekju

Further information on the Open Logistics Foundation at [openlogisticsfoundation.org](http://openlogisticsfoundation.org)

**Length:** **2,674 characters without spaces**

**Images: 2, Image 1 © Open Logistics Foundation, Image 2 © Transporeon**

**Image 1: Nathalie Böhning, Project Manager at the Open Logistics Foundation and Co-Lead of the project.**

**Image 2: Gerry Daalhuisen, Senior Director Dock & Yard/Fleet Products at Transporeon and Co-Lead of the project.**

**About**

The Open Logistics Foundation and its supporting association Open Logistics e.V. were founded in 2021 and are independent and neutral organisations. The non-profit and commonbenefit foundation based in Dortmund is completely financed by industry partners and is dedicated to the voluntary development of innovative open source solutions at a commodity level for the logistics industry. The focus is on open and fair cooperation between different companies, which can also be competitors in the free market. The overarching goal is to solve the most pressing existing problems of the logistics and supply chain management (SCM) community with uniform standards, tools and services, based on open source.

**About Transporeon**At Transporeon, a Trimble Company, our mission is to bring transportation in sync with the world. We power the largest global freight network of more than 1,400 shippers and retailers and more than 150,000 carriers and logistics service providers. Every day they execute more than 110,000 transports on our platform and book more than 100,000 dock-appointments for loading and unloading. In the course of one year, roughly €55bn in freight is being processed on our platform.

Our leading transportation management platform connects all actors along the supply chain. It facilitates collaboration between the different parties, helps to automate manual processes and provides valuable real-time insights. Its modular solutions solve specific logistics challenges and range from deal making, transport assignment and dock and yard management to freight audit. The platform provides insights into logistics operations, market developments and sustainability data, next to ensuring transparency in the supply chain through visibility. It works worldwide and across all modes of transportation, empowering logistics teams to move, manage and monitor freight.

Transporeon is headquartered in Ulm, Germany, and maintains 20 offices around the globe with over 1,400 employees across 25 countries. For more information, visit: [www.transporeon.com](https://www.transporeon.com/).

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www.openlogisticsfoundation.org.

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