



Efficient Solutions for Rail Freight Transport & Logistics

Growing volumes of goods are being produced and transported worldwide. It's estimated that international freight volumes will increase nearly fourfold by 2050 – while also increasing related greenhouse gas emissions. To master this challenge, we need to improve the management of capacities and logistics chains, provide more alternative and multimodal connections, and accelerate the shift of freight transport from road to rail in order to reduce environmental impact.

In order to reach this goal, HaCon consults and assists its customers with projects in rail freight transport and combined transport. Our service portfolio includes the requisition and negotiation of subsidies, the completion of financial and administrative formalities and the overall coordination of all parties involved such as railway companies, shipping agents, institutions and associations. Our interdisciplinary consulting team of transport engineers, geographers, lawyers and IT specialists puts great emphasis on an approach that is both integrated and results-oriented. HaCon has many years of extensive project management experience for the European Commission and other project sponsors.

Extensive Project Management

We support you with the process of applying for and negotiating project funding, coordinating with partners, internal controlling and financial administration.

Concepts of Transport and Operation

We review your transport and process chains regarding untapped potential and develop customized concepts that will boost your operation and optimize your resource management.

Analysis of Traffic Data and the Market

Thanks to our extensive industry knowledge and databases, we develop reliable scenarios of traffic flows and transport volumes. From this, we derive individual and market-conform recommendations for actions.

Memberships

- Shift2Rail Joint Undertaking
- DVF (German Transport Forum)
- Association of the European Rail Industry (UNIFE)
- SGKV (German Promotion Center for Intermodal Transport)
- Research Association NEWOPERA
- Logistics Alliance Germany (LAG)
- European Technology Platform ALICE
- Digital Transport & Logistics Forum (DTLF)

Software Solutions for Rail Freight Transport & Logistics



HAFAS Freight – from searching connections to transport planning

Increasingly scarce resources and transport capacities call for a better marketing of existing transport operations and for the integration of rail traffic as a fixed factor in intermodal freight transport. HaCon's intelligent HAFAS algorithms already empower multi- and intermodal trip planners all over the world: With apps and web-based solutions that receive over 100 million requests from passengers, HAFAS is considered the highest industry standard for trip planning throughout the world and prompted the Massachusetts Institute of Technology (MIT) to honor HaCon as one of the "50 Smartest Companies" worldwide. In the logistics market, HAFAS is used to generate intermodal connection information and supports in preparing offers that include seaport hinterland transport. Customers like Kombiverkehr and Hapag-Lloyd have been benefitting from HAFAS technology for years: For the purpose of worldwide transport requests, HAFAS provides numerous alternatives and factors in costs, transport time as well as the environmental impact.

ETA Management Platform – for optimized intermodal operations

The ETA Management Platform determines the estimated time of arrival (ETA) of freight trains based on real-time position data from various sources and also serves as an international real-time monitoring system. Among other factors, the platform considers handling times as well as delays in incoming and outgoing traffic and compares different forecasting models. The system permanently checks the accuracy of the calculated ETA, which is essential for optimizing operations. Based on the real-time archive of HaCon's fleet management solution HAFAS Smart VMS, the ETA Management Platform can also be used for various business analytics cases.

Rail Facilities Portal – all detailed information from a single source

Efficient planning of rail-based transport chains requires access to reliable, up-to-date and detailed information about the various network access points and available facilities. The Rail Facilities Portal is based on the pilot portal railfreightlocations.eu, which was developed under the leadership of HaCon for the European Commission. In the future, it will provide a central database for all relevant information about European rail service facilities and providers.

About HaCon: HaCon provides cutting-edge software solutions for public transportation, mobility and logistics. Our three business units, HAFAS, TPS and Consulting, provide more than 370 highly qualified specialists and 35 years of experience for your success. From trip planning to mobile ticketing and fleet management; our HAFAS product suite covers all aspects of Intelligent Transportation Systems and creates the ultimate end user experience. HaCon's TPS solutions for train planning and capacity management enable network providers and operators to make the most of their infrastructure. For more specialized projects, our consulting team empowers our clients to manage complexity with ease and offers customer-specific solutions for rail freight and combined transport. Since 2017, HaCon has been a member of the Siemens family. Headquartered in Hannover, Germany, HaCon also holds offices in Berlin, Paris, and London.