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# Fincons Group

## Driving Rail System Digital Transformation

Fincons Group is a leading international system integrator with key experience and skills in cross-vertical system integration and digital transformation across a number of sectors including: transportation and logistics, financial services, media, energy & utilities, manufacturing, public administration and international institutions & research.

With over 2000 employees and a turnover in excess of 200 million euros, Fincons has invested resources and expertise in supporting businesses in the transport sector to achieve their innovative digital transformation goals for over 39 years.

With offices in Italy, Switzerland, Germany, France, the UK and the US, Fincons leverages years of experience in system integration. Our co-development alongside customers and constant scouting of new technologies means that

we are able to offer scalable, professional services and resources, to guide rail networks through complex project implementations.

Megatrends like climate change, population growth and digitalisation are shaping today's mobility environment. Digitalisation is playing a major role in transforming the way we experience mobility. Safe, seamless, reliable and sustainable mobility is more important than ever. Rail has a key role to play in helping governments achieve sustainability

objectives while improving worker safety and remaining competitive and relevant for both passenger and freight transport.

In this changing environment, Fincons supports rail businesses in their digital transformation journey with solutions:

- for people
- for transport
- for digital
- for asset
- for freight



## Case Study – KV 4.0 Project

Transformation in action: the German Federal Ministry for Digital and Transport (BMDV) digitalises the intermodal supply chain.

The digitalisation of intermodal supply chains, the 'KV 4.0' project, funded by the German Federal Ministry of Digital and Transport (BMDV) as part of the Modernity Fund research initiative (mFUND), aims to digitalise intermodal supply chains end-to-end, from the collection of the loading unit from the consignor right through to delivery to the consignee, making the intermodal process more transparent. The project involved 11 partners across Germany, Switzerland and Italy including Fincons Group.

Transparency is an issue in intermodal supply chains where incomplete or missing information poses the biggest competitive disadvantage compared to end-to-end road freight transport.

With the help of a new common and integrated data hub, and via standardised interfaces, the project aims to provide all

parties with direct access to the transport-relevant parameters of combined transport (e.g. order and schedule data, arrival forecasts and information accompanying transport).

A prototype of a data hub was developed in the technical implementation phase of the project, providing the basis for smooth data exchange with a uniform data standard, the EDIGES4.0 format. This enables the electronic exchange of all transport information, from timetables and bookings to terminal and train status messages and arrival forecasts. In addition to this, the available data can be used to calculate an ETP (Estimated Time of Pickup) – the expected pickup time for the LSP. This is a central milestone for the optimisation of the intermodal transport chain and the associated increase in customer satisfaction.

Electronic order data is in fact not only required for capacity planning by the operator, but also for the preparation of wagon lists and loading lists in the terminal and for the creation of waybills by the rail transport company. Information ahead of the physical transport enables significantly

better production and resource deployment planning by all parties involved. Finally, consistent and electronically available data is essential for terminal processing and is ultimately also required for precise billing of all transport-related services.

The hub runs 365 days, 24 hours a day, without any degradation of system performance, offering users stability and reliability.

In the future, all players in combined transport will be able to access standardised transport data across the entire transport chain with just one interface, increasing the competitiveness of the intermodal supply chain.

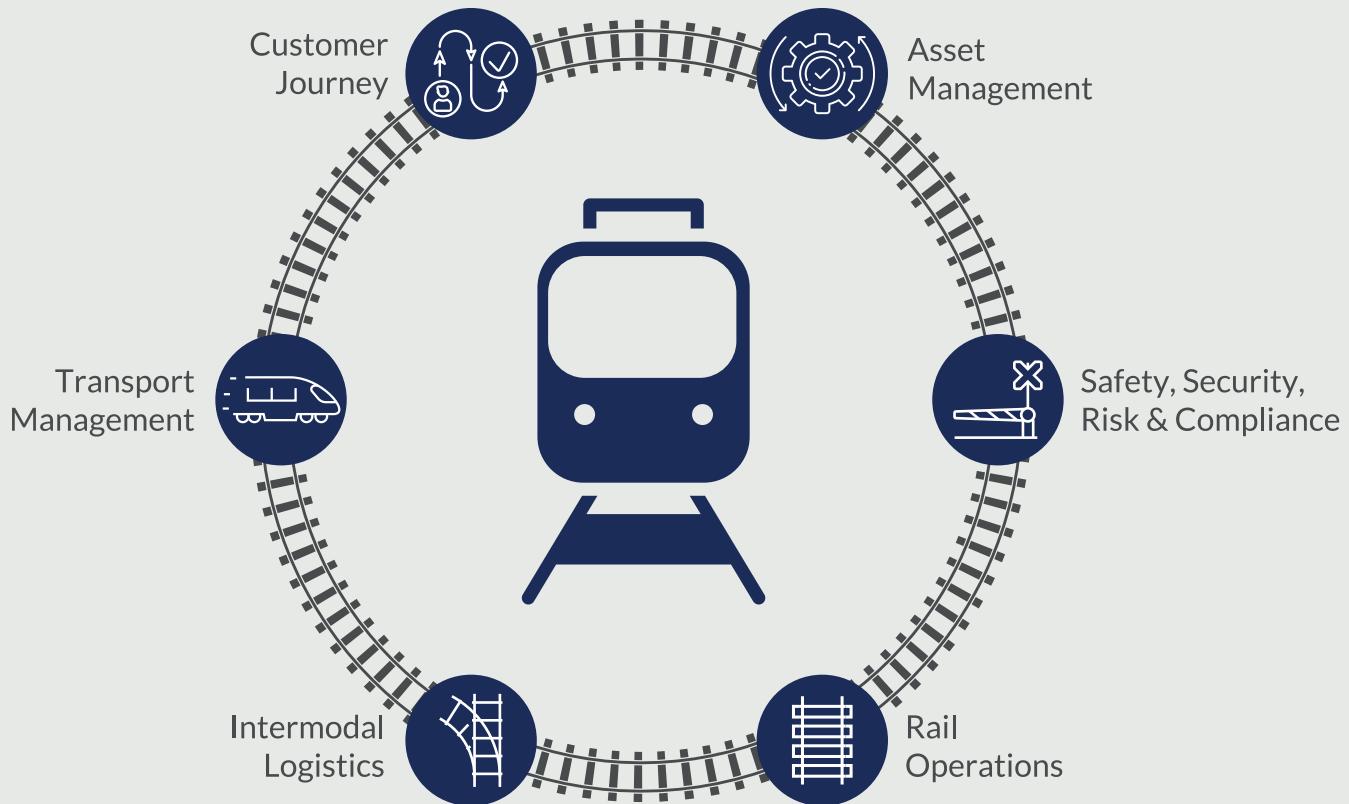
Fincons Group  
Kalcheggweg 20a  
3006 Bern  
Switzerland  
[www.finconsgroup.com](http://www.finconsgroup.com)



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GROUP

# Fincons for Rail Transport

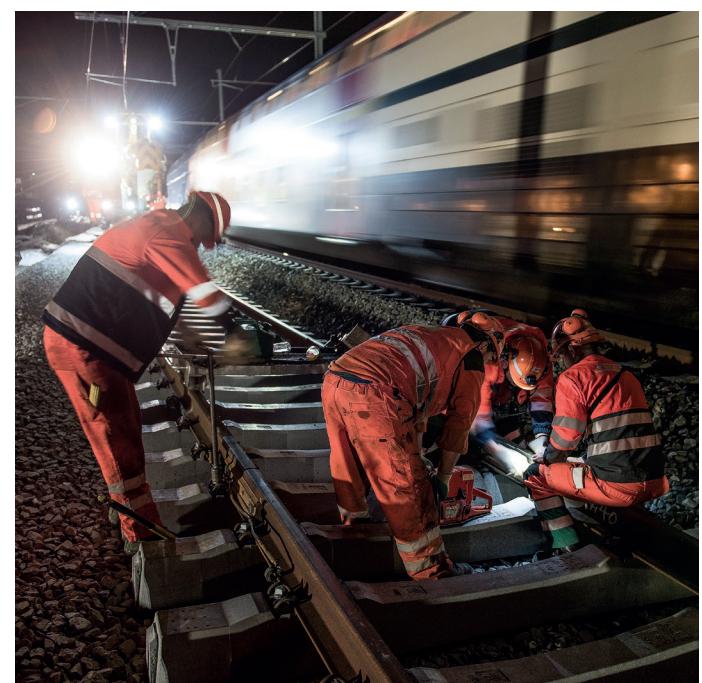
We support our clients in the Digital Transformation



## Our focus on safety on tracks

TUSP is the tool for railway workers who need to orientate themselves in the field, request closures for objects they interact with and document any work done.

- Real-time management
- Viewing and execution of closure processes
- Added safety for working teams
- Rigorous procedures
- Reliable and traceable information
- GIS maps



**TUSP**  **SBB CFF FFS**