



DIGITAL TRANSPORT DAYS SESSION „GUIDELINES TOWARDS DYNAMIC MULTIMODAL INFORMATION SERVICES“

“Setting up services on the German and European level”

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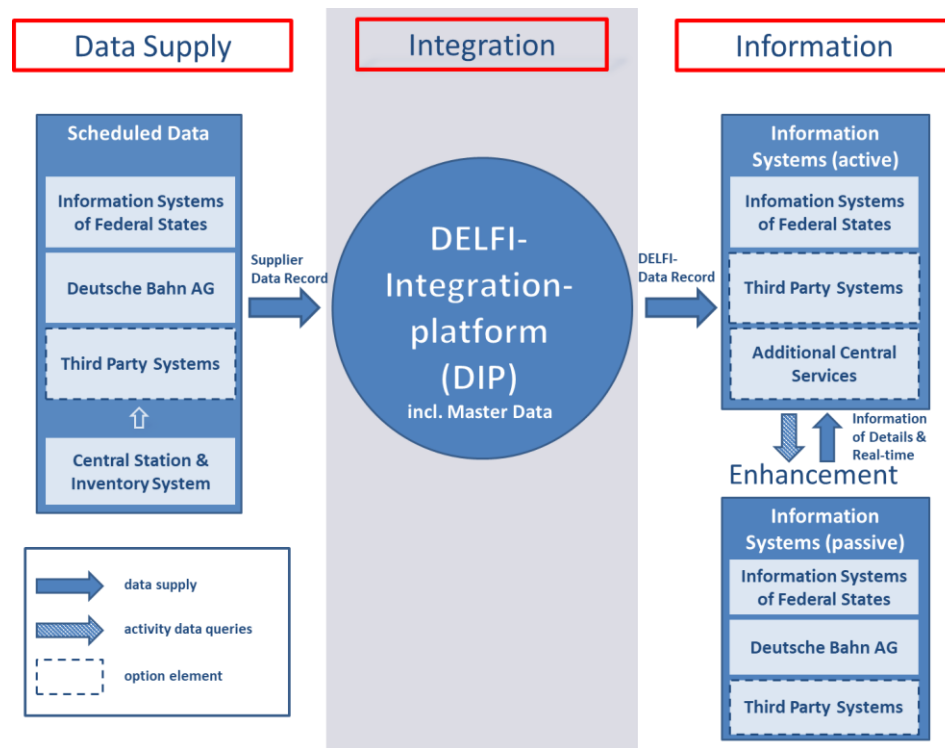
Helsinki, 07.10.2019

Scheduled Data for Traveller Information (1)



DELFI: new national data set for traveller information

- New hybrid system architecture for Public Transport information systems of German Federal States (and other interested parties).
- **Daily updated scheduled data set for PT information systems.**
- **Containing regional public transport, long distance rail, and coach data.**
- Managed by DELFI club.



Provision of German NeTEx data set (1st step)

- **NeTEx konverter for NeTEx EU-PI-profile currently in realisation, first data sets in October, provision as of 01.12.2019.**
- NeTEx version 04/2019 not yet confirmed by CEN. Currently only SL 1.
- Data provision possible for total public transport, by line, or by operator.
- Data set contains: all available and via NeTEx EU-PI-profile transferrable data, incl. line based DRS.
- Data set does not contain: free-floating DRS, air transport (to be clarified if and how).
- Part of European CEF/PSA project, DELFI named as implementing body on the German side.
- Available on existing Open Data platform (until NAP will be ready).
- **What happens with SL 2 and 3 on the European level?**

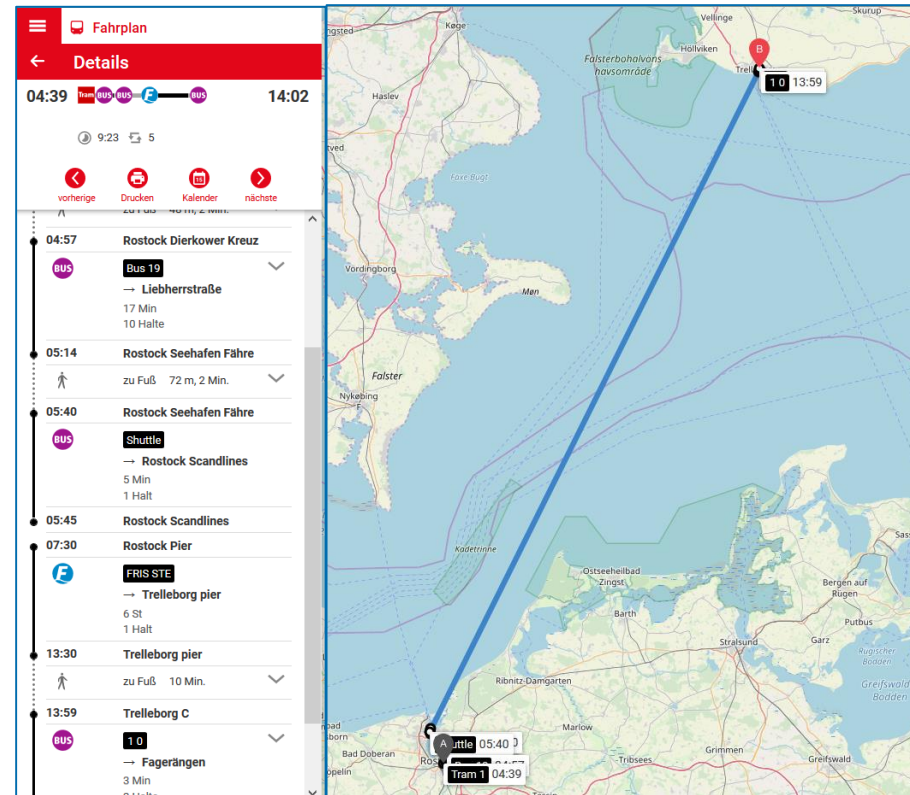
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Open Journey Planner (1)



Where we come from:
good old EU-Spirit service

- **Distributed information system since nearly 20 years.**
- Connecting existing travel planners on the regional, national and international (rail, air transport, ferries) level from Denmark, France, Germany, Luxembourg, and Sweden.
- Uses 10 years old EU-Spirit XML interface.
- **Works well, but needs update!**



Making use of OJP on the German and European level

- **Replacing EU-Spirit XML interface through new OJP interface.**
- Cooperation of EU-Spirit network partners from Germany (lead), Sweden, Luxemburg, France, and Denmark.
- New interface => more content.
- Integration of timetables from total Germany (DELFI data set).
- **Project steps: concept work 1st half 2019 – realisation and test 2nd half 2019 / 1st half 2020 – start operation 2nd half /2020.**
- Extending European network cooperation (e.g. with Netherlands, Norway and the Alpine Region).
- Part of European CEF/PSA project, DELFI named as implementing body on the German side.

Provision of Real Time data (making use of SIRI)

- DELFI works on real time data integration on the German level (currently concept work) => important prerequisite for provision via NAP.
- **Up to now still many open questions on the European level**
 - Key question: „what does SIRI mean“?
 - Until now no „European SIRI profile“ existing.
 - Specification work currently not on the agenda.
 - CEF/PSA2 does not focus on this topic.
- **Missing European SIRI profile needs clarification between EU and Member States.**

Nevertheless: pilot implementation: RTF project



Real Time Ferries Project

- Duration 3 years (expected until 06/2021).
- 8 countries involved, 22 (+23 associated) Partner.
- **Establishing an cross-border data hub*** (EU-Spirit extension) for:
 - **Scheduled Data**
 - NeTEX – based on nordic Profile, adaptations for the ferry context.
 - **Real-Time Data**
 - SIRI PT/ET (initially basic), based on the Norwegian profile;
 - waiting for further profile descriptions.





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**Thank you
for your attention!**

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