

Information Exchange between Forwarders and Railway Stakeholders

Speaker:

Magnus Wagner

(Member of the Board of Management)

Agenda

- Who we are
- Our product
- A unified user interface for the dispatcher
- Seamless integration of various partner interfaces
- Different interfaces demand different types of address information
- Improving the collaboration between forwarders and railway carriers

Who we are

- Leading in Transport Management Software (TMS) for logistics, forwarding agencies and shipping
- Established in 1980
- Available in German, English, French, Dutch, Polish
- Headquarters in Greven, Germany
- Branches in France, The Netherlands and Poland
- Currently more than 870 customers with 23.000 users are working with our TMS WinSped.



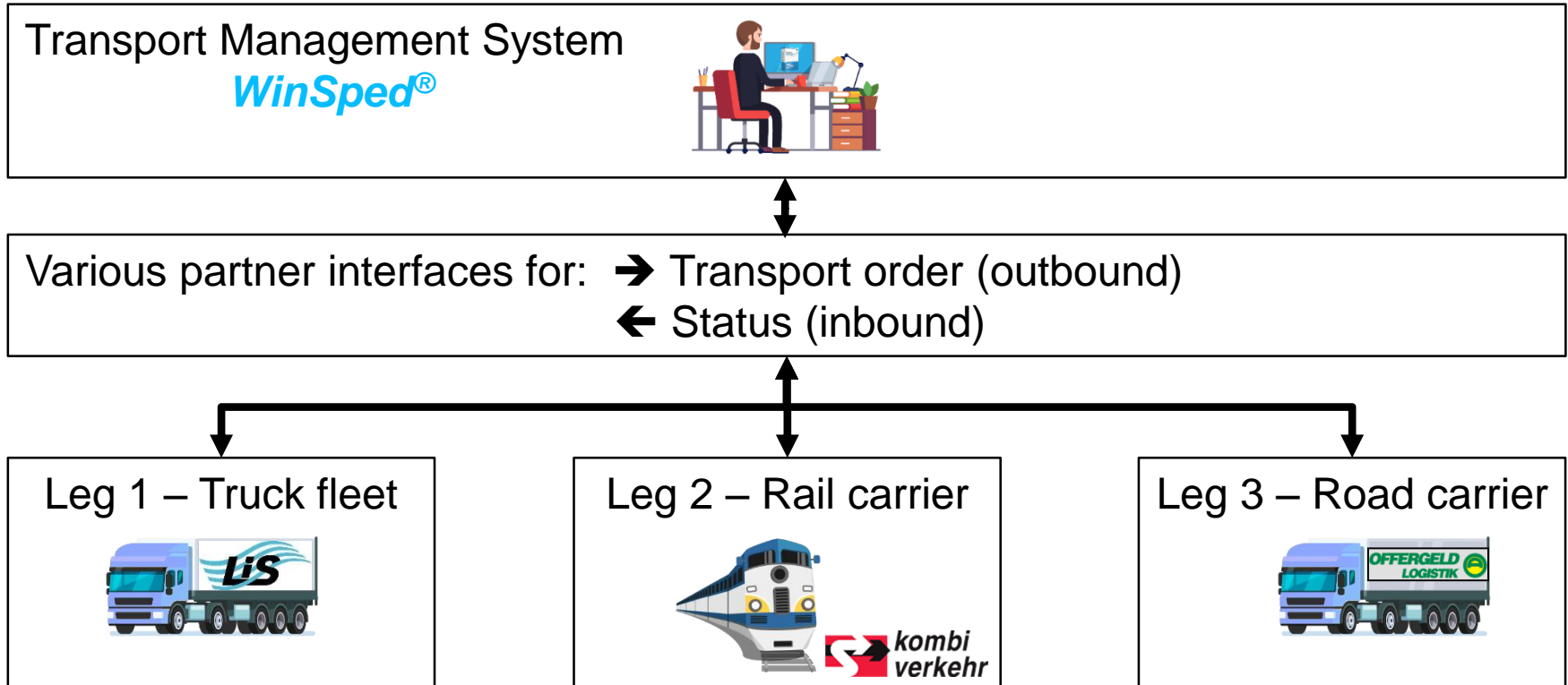
Our product

- Our TMS WinSped provides a unified user interface to schedule different types of transportation.
- That is based on a seamless integration of various partner interfaces.
- Our most important intermodal references are:




A unified user interface for the dispatcher

- In this typical situation the dispatcher plans three legs for one customer order. The dispatcher chooses different carriers / types of transportation for each leg.



A unified user interface for the dispatcher - Example

Grafische Disposition Home Einstellungen Hilfe Schließen 

Kopiervorlagen Lade- und Entladestellen anzeigen

Touren Kartenoptionen

Offen Disponiert Unterwegs Zugestellt

alle Daten Sicht: Rheine-> Köln-> Bayonne-> Madr

| Be | Beladeort | EmgOrt | Name1 (Frachtführer) | KfzZugID | RAIL-Status |
|-----|-----------|---------|----------------------|----------|---------------------|
| > D | Rheine | Köln | LIS Spedition | 100 | |
| D | Köln | Bayonne | Kombiverkehr | | ● Buchung bestätigt |
| F | Bayonne | Madrid | Offergeld | | |

Einträge: 3

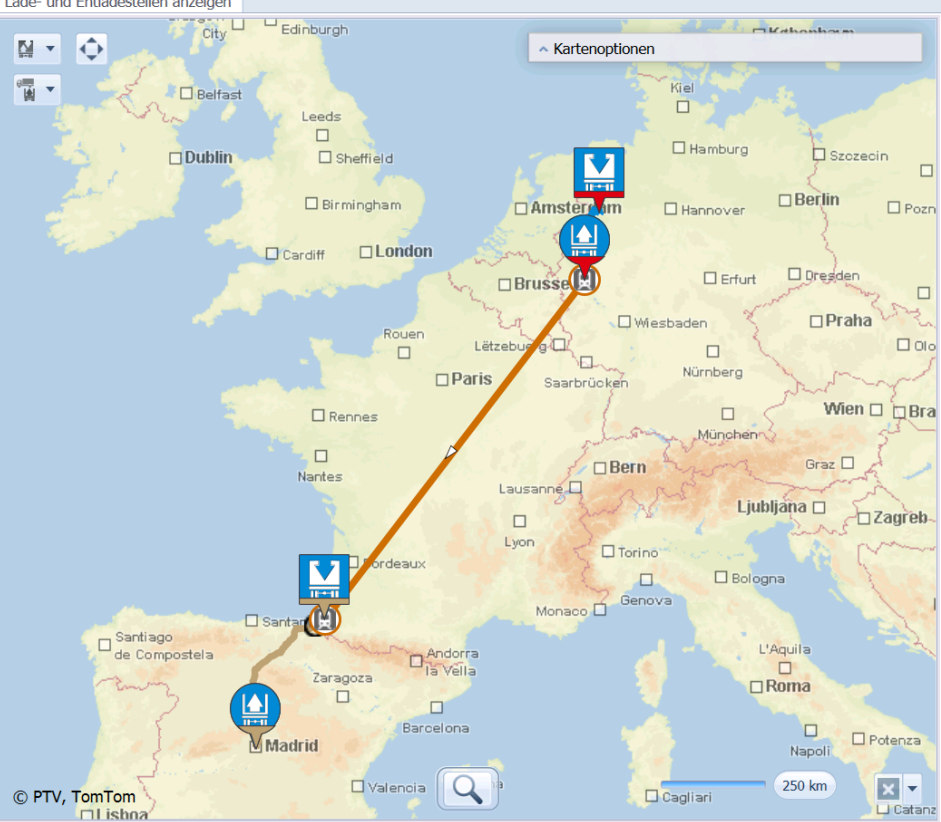
Tourdetails LKW

■ 10005659 | 20000 Kg | 0 SP | 196,92 km | 10.04.2018 | 14:34 | D-48429 Rheine | 30 (ST - W 1005)

10.04.2018 | 20:27 | D-50667 Köln

Stopp anzeigen | Sendungen anzeigen




| Be-/Entladungsort | Dispozeiten | Planzeiter |
|---|----------------|-------------|
| Dienstag, 10.04.2018 (von 10.04 14:34) | | |
| D-48, Rheine Kunde A | 14:34 15:34 | 14:00-17:00 |
| 10041803 20000 Kg 0 SP | | |
| D-50, Köln Kombi Terminal Köln Eiffeltor | 18:27 20:27 | 16:00-16:00 |



© PTV, TomTom 250 km

lissupport | winsped-hw-qv SLAST | 8.12.18040.3000 | 001 - 001

Seamless integration of various partner interfaces

| | Leg 1  | Leg 2  | Leg 3  |
|---------------|---|---|--|
| Carrier types | Truck fleet DAF Iveco MAN Mercedes Renault Scania ... | Rail carrier Adriakombi Mercitalia Intermodal HUPAC Kombiverkehr Novatrans TX Logistik ... | Road carrier Fiege Hammer Offergeld Pöppel Transdanubia Urban ... |
| Interfaces | Telematics Fleetboard Spedion TomTom Transics ... +30 more | EDI CESAR | EDI EDIFACT LISIN FORTRAS ... |

- The different interfaces require different kinds of addresses.

Different interfaces demand different types of address information

- The dispatcher wants to use one, unified address in his TMS user interface.
- Therefore different types of address information have to be mapped.




| Carrier interface | Address type | Example |
|--------------------------|------------------------|-------------------------------|
| Fleet | Geographic coordinates | Long 6,92372 Lat 50,88851 |
| Rail carrier | UIRR /UIC code | 550 / 154799 |
| Road Carrier | Postal address | Am Eifeltor 2 D 50997 Köln |

- LIS maps the UIRR codes with the postal address for railway stations as provided by the European Union and offers this as a master data package to their customers.

Improving the collaboration between forwarders and railway carriers

- Compared to multiple interfaces to connect truck telematics and road carriers, our customers use only one EDI interface to connect to rail carriers.
- A more widely established standard interface with UIRR / UIC address codes would make the collaboration between the intermodal partners more cost efficient whilst the connection itself could be established faster.

Seamless integration of various partner interfaces

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| Interfaces | Telematics Fleetboard Spedion TomTom Transics ... +30 more | EDI CESAR | EDI EDIFACT J5IN PORTRAS ... |

- The different interfaces require different kinds of addresses.

Thank you very much for your attention.

By the way

In case you can't read Chinese it really does help to have an alternative type of address

| Supplier | Supplier Address | City | Longitude1 | Latitude1 |
|----------------------------|--------------------------|------|-------------|-------------|
| 上海巴斯夫 / BASF Shanghai | 上海市张扬北路3839号 | 上海 | 121.5846597 | 31.32444451 |
| 沈阳海斯坦普 / GESTAMP Shenyang | 沈阳经济技术开发区开发二十二号路188号 | 沈阳 | 123.1422826 | 41.67603696 |
| 沈阳蒙塔萨 / Metalsa Shenyang | 辽宁省沈阳市经济技术开发区开发二十五号路126号 | 沈阳 | 123.1592165 | 41.66880708 |
| 北京大圆 / Daewoon Beijing | 北京市平谷区兴谷工业开发区M2-6区 | 北京 | 117.1107915 | 40.15277024 |
| 天津日进 / ILJIN Tianjin | 天津市武清开发区泉达路12号 (一厂) | 天津 | 117.0393277 | 39.40161179 |
| 常州埃德里希 / Erdrich Changzhou | 常州市新北区勤奋路78号 | 常州 | 119.8960035 | 31.86093642 |