

Information Logistics



- ▲ **DiLoc® | Rail, DiLoc® | Bus, DiLoc® | Ship**
Solutions for dispatching,
passenger information and positioning
for rail, bus and shipping traffic
- ▲ **DiLoc® | OnBoard**
System solution (hard- and software) for
passenger information on trains, busses
and ships
- ▲ **InnoScreen®**
Innovative display technology in a super
flat design
- ▲ **DiLoc® | Sync**
Mobile communication for train drivers
and driving personnel
- ▲ **IT consulting**
Project management
Software development
Systems analyse
- ▲ **IT experts**
For temporary project work and
permanent assignments



Information technology for rail, bus and shipping traffic

CN-Consult offers software solutions for dispatching, passenger information and positioning, as well as complete turnkey systems including multivendor hardware for passenger information.

We will be pleased to advise you regarding the implementation of your IT projects and to support you with IT professionals both for temporary project work and permanent assignments.

Our strengths are comprehensive solutions for individual customers, in particular in the transport and logistics sectors. Because we are specialists in these fields, we are in a position to offer deep know-how and detailed operating background knowledge, allowing us to serve our chosen market with thoroughly up-to-date information technology at all times.

Take advantage of our specialist capabilities and benefit!



Certified to ISO 9001:2008



Real-time passenger information



DiLoc® | Rail

Solutions for dispatching, passenger information and positioning

The increasing requirement by smaller train operating companies for affordable train positioning and dispatching optimisation is a central focus of the DiLoc | Rail software.

DiLoc | Rail is an independent client-oriented platform which collects data from GPS location systems, from "external distributors" (DB networks) and also management systems of other infrastructure operators (such as ILTIS, BBR) and makes the information available to the receiving rail operating company.

- Precise dispatching with real-time data
- Quick overview using configurable time-distance line diagrams as a central dispatching tool
- Direct control and technical monitoring of all displays and announcements at railway stations and in vehicles.
- Passenger information via DiLoc | App and QR codes
- Up-to-the-minute train tracking and tracing
- Europe-wide GPS and RFID positioning, irrespective of who operates the infrastructure
- Statistical assessment and documentation of train movements
- Preparation and export of the data
- Intuitively operated scheduling manager
- VDV interface



DiLoc®

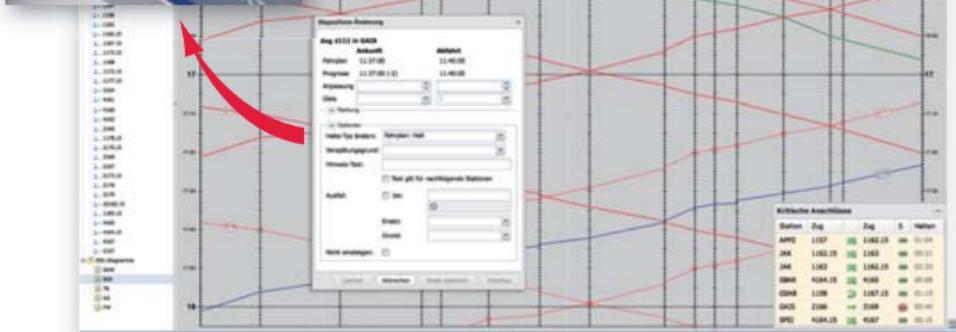
DiLoc® | Bus

Developed especially for small and medium-sized bus companies, DiLoc|Bus offers the complete functionality of DiLoc|Rail. Passengers have access to a street map via the Internet, QR codes at bus stops and in vehicles, apps for smart phones and via Twitter, Facebook and social media. These services provide the exact position and punctuality of buses in real-time format. It is an all-round easy-access solution for optimised customer service.

DiLoc®

DiLoc® | Ship

Technology which is proven on dry land also works on the water. Inform your customers about the schedules of your fleet in real-time.





System solution for passenger information in vehicles

DiLoc®|OnBoard

DiLoc®|OnBoard

DiLoc|OnBoard is a further development of the DiLoc product line, to provide passengers in trains, busses or on ships with up to date information directly from DiLoc.

Besides the schedules and the live information software updates can also be transferred to the vehicles via GSM and vehicles do not have to be taken to the workshop for that.

Furthermore we provide the entire range of necessary hardware (train pc, monitors, inner and outer LED displays, amplifiers etc.).

With our global approach TrainKIS we also provide the support of our well known partner companies including the entire installation of the components in your new or your existing vehicles.

If you are interested in further details, please do not hesitate to contact us.



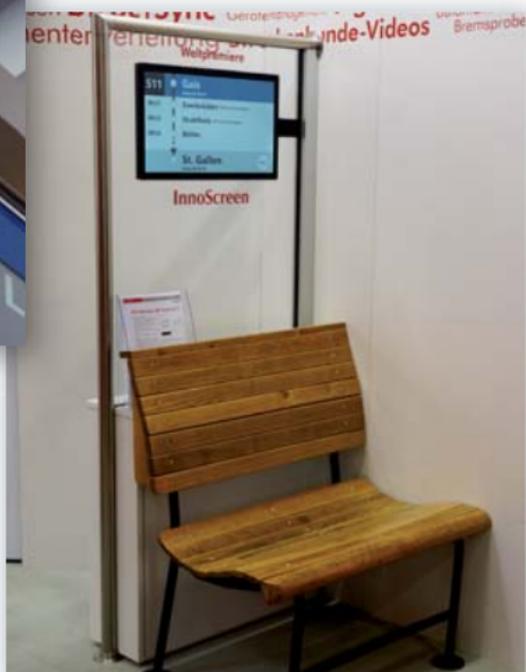
Innovative display technology in a super flat design



InnoScreen®

Besides a very appealing design, the centre of attention lies on the massively reduced life-cycle costs:

- very low energy consumption
- no need for regular maintenance
- use of commercially available components





Communication for driving personnel

DiLoc[®]|Sync



Document provisioning



Reading confirmation & digital signature



Archiving



Device management & block function



Routing knowledge



LiveTicker

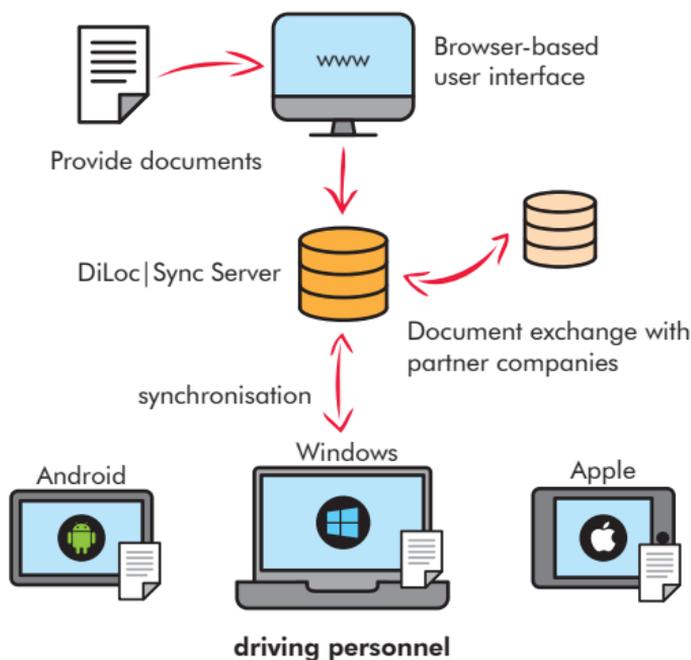


Mail2Sync



Collaboration

DiLoc|Sync is a software solution which forms an information bridge between the railway operating company's dispatching system and the mobile personnel (such as train drivers) in the field. This application is a very simple means of transferring information from the central system to the netbooks and tablets of the driving personnel.



References

zsb Zentralbahn AG: Use of DiLoc|Rail for information and documentation in everyday operation. Development of an interface to the ILTIS operations control system together with a VDV454 interface for managing the passenger information system.

Appenzeller Bahnen AG: Use of DiLoc|Rail as a central dispatching system. Vehicle positioning by ILTIS and GPS. Calculation of prognoses and missed connections by comparing scheduled and actual data, with direct output to the passenger information systems at railway stations and in vehicles.

Jungfraubahnen: Use of DiLoc|Rail as dispatching system and for passenger information in everyday operation.

Use of **DiLoc|Sync** for communication between dispatching and driving personnel (train drivers) inter alia, at:

- Abellio Rail Mitteldeutschland GmbH
- DB Netz AG
- DB Regio Bayern
- Havelländische Eisenbahn AG
- KombiRail Europe B.V.
- Metrans Rail Deutschland GmbH
- RheinCargo GmbH & Co. KG
- Rurtalbahn Cargo GmbH
- Salzburger EisenbahnTransportLogistik GmbH
- SBB Cargo AG
- SBB AG, Infrastruktur
- SBB Cargo Deutschland GmbH
- Thyssen Krupp Steel Europe AG
- Transpetrol GmbH
- TX Logistik AG
- zb Zentralbahn AG

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