

A man with curly hair and a beard is looking out a window, possibly on a train. The background is blurred, showing what appears to be a city street. The overall tone is warm and contemplative.

cn  mobility

# smart on rails

Information technology  
for passenger & freight  
transport

[cn-mobility.eu](http://cn-mobility.eu)



## **Travelling by train should be a pleasure for everyone!**

Since 1997, we have been developing practical IT solutions that are intuitive to use and deliver great value, so that railway staff and passengers arrive at their destination well informed.

It is important to us that our customers feel confident in their ability to always provide their passengers with up-to-date information and to communicate with their mobile staff in real time.

We understand the railway industry and its complex challenges. That's also the reason we always think at least one step ahead.



**IRIS<sup>®</sup>**  
***Certification***

**We are certified according to**

International Railway  
Industry Standard



# DiLoc® | Sync

Easy. Informed. Accessible.

DiLoc®|Sync is the cloud solution for document management and real-time communication specifically for mobile staff in the railway sector. All operationally relevant documents and informations are easily and clearly available at any time in just one app.

## Module

- *Dynamic timetable*
- *Mail2Sync*
- *Route knowledge*
- *Collaboration*
- *Forms*



## Interfaces to our partners

*Tages-La/Speed restriction zones (DB InfraGO AG)*

*KSV rules manager*

*DS Digitale Streckenkunde*

*Railroad construction site management (catkin GmbH)*

*Wilson (Menlo79 GmbH)*

*Green functions (DB InfraGO AG)*

DiLoc®|Sync adapts flexibly and provides employees with the information they really need to have a relaxed and reliable journey!

“DiLoc®|Sync provides the basis for cooperation in the railway world.”

**Andre Bartel, SBB Cargo Deutschland GmbH**



# DiLoc®|Motion

**Dispatching and passenger**  
information services in one solution

DiLoc®|Motion is a web-based platform with multi-client capability that processes information from various data sources (e.g. GNSS positioning systems, control systems) and of various types (timetable data, connection information etc.) and distributes up-to-date information in real time to the display and announcement systems in train stations and in the vehicles themselves. The architecture of the data hub enables access to existing systems via interfaces and allows for integration of DiLoc® into a company's IT system.

With a view to the customer's overall system and our complete solution, we create migration concepts to ensure implementation during ongoing operations.



## Some key features of DiLoc®|Motion include

- *Accurate planning using a time-distance diagram*
- *Timetable manager - intuitive entry and management of timetables*
- *Disruption manager - manage and publicize incidents of all kinds with just a few entries*
- *Fleet manager - supplying the entire fleet with all the necessary data in real time*
- *Direct control and monitoring of displays and announcement systems in train stations*



# DiLoc® | OnBoard

**On-board passenger information services.** Refurbishment and new equipment

The systems solution DiLoc®|OnBoard covers both the software and hardware aspects of providing passenger information on board the vehicles - regardless of whether refurbishment or new equipment. The vehicles are provided with the necessary data, such as timetable updates, dispatch-related changes, forecasts and connections in realtime via the central system DiLoc®|Motion.

By using the open interface MPI (Mobile Passenger Information), it is also possible, for example, to send positioning data or diagnostic data in realtime from the vehicle to the DiLoc® server. It is also possible to directly speak into the vehicles from the control centre via MPI.

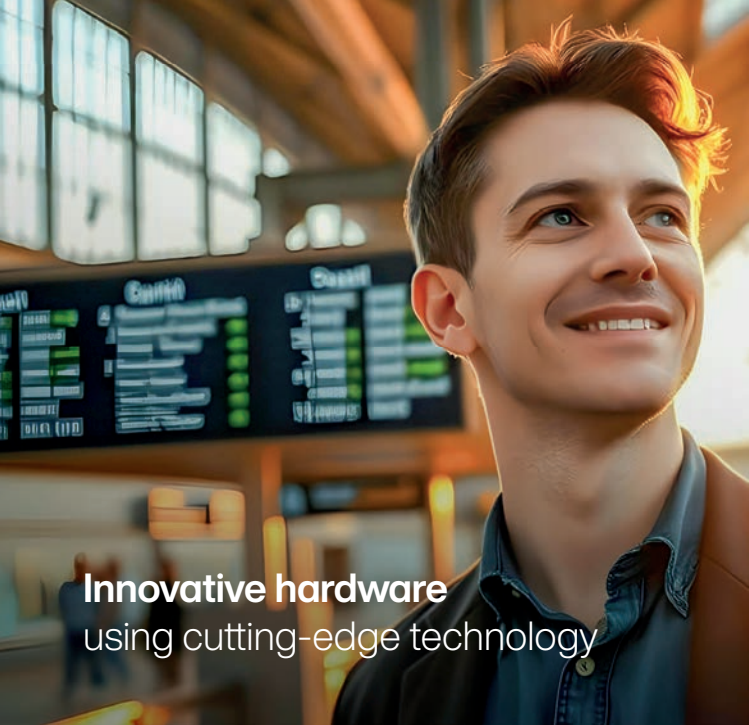




To ensure the success of refurbishment projects, the first step is always to analyse the customer's system on site. All requirements and risks are recorded in advance to ensure the integration of existing FIS components and new technologies in DiLoc®|OnBoard for a smooth project progress.

“cn-mobility ensures that the customers' wishes are realized and tailors the product perfectly to the company's requirements.”

**Steve Grötzebauch,  
Sihltal Zürich Uetliberg Bahn SZU AG**



## **Innovative hardware** using cutting-edge technology

In addition to high reliability, a long operating life and low energy costs, our hardware products focus primarily on the use of the latest technologies and a very easy serviceability, while at the same time being low maintenance.

The sustainable use of resources is reflected in the extensive reparability of the products down to the individual component level.

Our hardware portfolio includes audio components for vehicles as well as the LED and TFT displays for vehicles and stations. They have been praised for their attractive design and innovative technology. Our hardware subsidiary, cn-tec GmbH, manufactures these components in Germany.



“ The ability to adapt the system to the different needs of individual railways is a strength that we don't experience with many suppliers.”

**Stefan Würigler, Jungfraubahnen Management AG**



# References

## DiLoc®|Motion and DiLoc®|OnBoard

### Switzerland

Jungfraubahnen Management AG  
zb Zentralbahn AG  
Appenzeller Bahnen AG  
Sihltal Zürich Uetliberg Bahn SZU AG

### Austria

ÖBB-Personenverkehr AG

## DiLoc®|Sync

### Germany

Abellio Rail Mitteldeutschland GmbH  
Deutsche Bahn AG  
duisport rail GmbH  
Havelländische Eisenbahn AG  
KAF Falkenhahn Bau AG  
KombiRail Europe B.V.  
Metrans Rail Deutschland GmbH  
MEV Eisenbahn-Verkehrsgesellschaft mbH  
RheinCargo GmbH & Co. KG  
Verkehrsbetriebe Peine-Salzgitter GmbH  
Schweerbau GmbH & Co. KG  
thyssenkrupp Steel Europe AG  
VIAS GmbH  
TX Logistik AG

### Switzerland

SBB Cargo AG

### Austria

Salzburger Eisenbahn-TransportLogistik GmbH  
Niederösterreich Bahnen GmbH  
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