Teldat

DIGITAL MOBILITY WITH LTE AND WLAN

The Teldat H2-Rail onboard communications platform combines digitalization and mobility, generating new opportunities for adding value to rail operators and passengers alike.

With Teldat's powerful H2-Rail solution, railway vehicles are fully connected. Thanks to the LTE connection, the system allows you to combine passenger WLAN, ticketing systems, onboard entertainment and much more. Thus, it gives public and private railroads the opportunity to track their fleets, digitally manage tickets and expand their customer services, thereby opening new opportunities and profitability models.

GREAT POTENTIAL IN ONE BOX!

The H2-Rail provides stable WLAN connectivity on board railway vehicles. Plus, the LTE connections are there to provide highly reliable communications. The system serves as a base for adding other services, such as fleet tracking, ticketing, video surveillance, passenger Wi-Fi, onboard entertainment or dynamic marketing.

This transforms the onboard experience for passengers, enables round-the-clock fleet tracking and helps optimize processes like ticket management. At the same time, it gives rise to a range of new profitability models, such as the commercialization of digital advertising or paid entertainment services**.**

ASSOCIATED BENEFITS

▶ Greater control: through vehicle tracking and video surveillance.

▶ Better use: digital ticket management and getting data about the vehicle during the journey.

▶ Premium Service: WLAN and onboard entertainment (e.g., movies and series) for up to 120 passengers.

▶ New sources of income: Dynamic marketing and passenger information.

▶ High reliability: up to 4 simultaneous LTE/LTE-Advanced interfaces to cover different network providers.

▶ High security: VPN encryption to provide a secure exchange between vehicle and control center.

CONNECTED FLEETS: IMPROVED SERVICES AND INCREASED BENEFITS

The H2-Rail gives you a stable network, a high level of comfort and full control. It's a multi-SIM, multi-modem system featuring LTE-Advanced capabilities. It also complies with the EN 50155, EN45545 and EN 50121-3-2 railway standards. Make the most of it now!

Fleet tracking: Control where your vehicles are in real time and optimize internal processes.

Ticketing: Gain a deeper understanding of the journeys your customers take and make ticket management quick and easy.

Onboard entertainment: Offer your passengers a selection of films, music and local information.

Passenger WLAN: Give your customers a stable Wi-Fi connection through built-in WLAN access points.

Video surveillance: Improve security for passengers and staff through video surveillance that sends information in real time.

Passenger information system: Keep passengers informed of operational processes, e.g., arrival times or route changes.

Stability: Specifically designed and tested for use in railway environments, the H2-Rail communications platform allows stable communications even when travelling at speeds of up to 300 km/h.
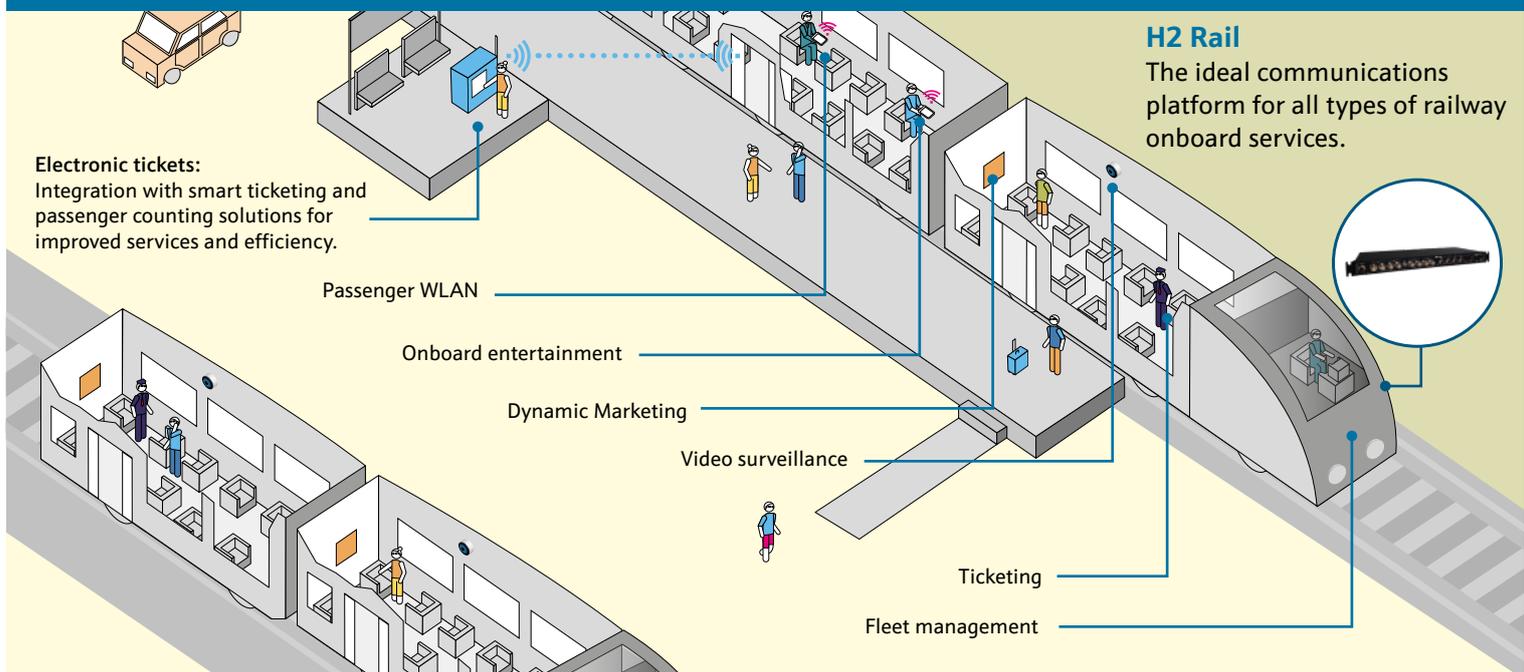
Learn more about the innovative H2 communications solutions and other solutions for your company. Our experts are available to offer you personalized, competent advice.
More information can be found on our website at **www.teldat.com**

Electronic tickets:
Integration with smart ticketing and passenger counting solutions for improved services and efficiency.

Passenger WLAN

Onboard entertainment

Dynamic Marketing

Video surveillance

Ticketing

Fleet management

H2 Rail
The ideal communications platform for all types of railway onboard services.

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