

Press release

IVU Traffic Technologies AG

IVU.rail successfully introduced at AVG

All-round solution for digital workflow in planning and dispatch

Berlin/Karlsruhe, 19 February 2019 – Since the timetable change in 2018, Albtal-Verkehrsgesellschaft (AVG) has been carrying out integrated planning of all vehicle working schedules and duties for its tram-trains with the standard solution IVU.rail from Berlin-based IT specialist IVU Traffic Technologies. Drivers can now use tablets in their cabs for their day-to-day work.

AVG has over 500 train drivers covering its routes in and around Karlsruhe. To incorporate them in dispatch more effectively and speed up processes, they all received new tablets with IVU.pad as part of the introduction. This means that they are always in contact with dispatch: reporting duty sign-ons, viewing duties, displaying time sheets and submitting duty requests – all of this is now done digitally at AVG. During the trip, the app assists the train drivers with daily working timetables as well as details of speed restrictions and other important operational information. In addition, drivers receive specific duty information and general announcements via IVU.pad.

The tablet is part of a comprehensive overall solution for a continuous digital workflow in planning and dispatch. Furthermore, IVU.rail speeds up processes at AVG through a host of automated functions. Planners now have integrated duty and vehicle working scheduling with an optimisation core that ensures better duty schedules. To allocate the right tracks in stations and depots, IVU.rail contains integrated track occupancy planning with a graphical editor. Automatic personnel dispatch suggests optimum duties for drivers at the touch of a button – taking into account the preferences submitted in IVU.pad.

“For AVG, the introduction of IVU.rail and IVU.pad means that our operations are much more modern and efficient than before,” says Ascan Egerer, Managing Director of AVG. “Personnel dispatch and the employee portal are a milestone and a big leap forwards in terms of quality. Our drivers now receive all duty schedule changes in real time and are therefore always up to date. This new feature is a major step for us, particularly with regard to recruitment.”

The introduction project was accompanied by a wide-ranging restructuring of dispatch processes at AVG. It was also important to map extensive fare regulations in IVU.rail as part of this process. “IVU.rail is extremely flexible and suitable for all kinds of requirements,” says Martin Müller-Elschner, CEO of IVU Traffic Technologies. “With our special IVU.xpress process, our standard product can be introduced quickly even in complex environments. Along with close collaboration with our customers, this is a key factor in long-term project success.”



The IVU.pad from IVU Traffic Technologies ensures a continuous digital workflow in planning and dispatch at Albtal-Verkehrs-Gesellschaft (Image: IVU)

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IVU Traffic Technologies has been working for over 40 years with more than 500 engineers to ensure punctual and reliable transport in the world's metropolises. In growing cities, people and vehicles are constantly on the move – a logistical challenge that calls for intelligent and secure software systems. The integrated standard products of the IVU.suite work to plan, optimise and control the deployment of buses and trains, provide passengers with real-time information, create routes for parcel delivery services, and support businesses in choosing branch locations.

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