

# IVU.rail at AKN



Image: AKN Eisenbahn AG

## EFFICIENT DUTY AND RUN SCHEDULES FOR INCREASING DEMANDS



### INITIAL SITUATION

AKN Eisenbahn GmbH is a firmly established part of the Schleswig-Holstein rail sector. For more than 130 years, it has guaranteed regular rail transport from the centre and the south of Schleswig-Holstein to and from the Hamburg metropolitan area. Today, the company operates three routes with 32 traction units and 75 train drivers: between Neumünster and Hamburg-Eidelstedt, Elmshorn and Ulzburg Süd as well as Norderstedt Mitte and Ulzburg Süd. Due to growing demands for efficiency and planning quality, the planners were facing challenges that they could not meet to the extent hoped for with the existing system, in which duties and vehicle runs were created in separate processes.

### OVERVIEW

<b>Employees</b>	75 train drivers
<b>Vehicles</b>	32 traction units
<b>Transport Services</b>	Around 11.7 million passengers annually (2016)
<b>Operations</b>	Passenger rail transport
<b>Objectives</b>	Integration of duty scheduling and run scheduling Improvement of planning results Unburden planners
<b>Specific Details</b>	Swift and simple provision as part of a system upgrade Integrated workflow from the planning to the settlement
<b>IVU products</b>	IVU.timetable, IVU.run, IVU.duty, IVU.control

