

Press release

IVU Traffic Technologies AG

IVU.suite for Copenhagen suburban railway

IVU delivers an integrated operation control system and on-board computers

Berlin/Copenhagen, 14 May 2019 – A new suburban railway for the Greater Copenhagen area: The Letbane på Ring 3 is scheduled to be transporting approximately 14 million passengers a year by 2025. Berlin IT specialist IVU Traffic Technologies is providing its integrated standard solution IVU.suite for this project.

A new public transport service is being added to the suburbs of the Danish capital – a 28-kilometre network with 29 stops. The new suburban railway will transport passengers from the Lyngby municipality in the north of Copenhagen to Ishøj in the south west in just under an hour. Siemens AG is supplying 29 Siemens Avenio trams for the network and as the general contractor, the company is responsible for all project coordination and execution. IVU has been tasked with installing a complete system for fleet management.

“The IVU systems have put us in an ideal position to successfully complete this major project,” explained Peter Løbner Hansen, Project Director at Siemens. “Thanks to their flexibility and their broad functional scope, the integrated solutions from IVU not only meet all of our requirements, they also completely satisfy the operational needs and standards of our customer and the future operator of the Hovedstadens Letbane.”

Over the course of the project, all trams will be fitted with an IVU.box.touch on-board computer. Together with the control software IVU.cockpit, this computer supports the driver by providing important information on the trip course, establishes a connection to the control centre and supplies information to passengers. The ITCS IVU.fleet in turn continuously processes vehicle location data, which helps the dispatch managers to react quickly and appropriately to changes in the traffic situation. The passenger information system IVU.realtime is directly connected to the control system and provides the incoming actual data to passengers in real time – on digital displays, online and via an app.

“We are delighted that we are able to help Greater Copenhagen further develop public transport services with our integrated standard solution,” said Harald Schirrmeister, Division Manager Public Transport Projects at IVU Traffic Technologies. “With IVU.suite, the region is getting a future-proof system that can be easily integrated into a wide variety of IT landscapes and flexibly enhanced.” The operator of the driverless metro system in Copenhagen, Metro Service A/S, already uses the solutions from IVU.



For the new suburban railway in Greater Copenhagen, IVU Traffic Technologies is providing a complete system for fleet management (Image: Hovedstadens Letbane/Gottlieb Paludan Architects)

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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.

IVU. SYSTEMS FOR VIBRANT CITIES.