Pioneering game changer: ioki Route as new navigation software for buses and rail replacement services

ioki Route simplifies navigation, reduces accidents, supports and simplifies training • Innovative all-in-one approach for efficient bus operation • Development project together with Berliner Verkehrsbetriebe (BVG)

(Frankfurt, January 24, 2024) ioki, the tech company specialising in digital public transport, and subsidiaries of Deutsche Bahn, is simplifying the navigation and route management of buses and rail replacement services with its new ioki Route software. In doing so, ioki is tackling some of the most pressing challenges facing the public transport industry: reducing accidents and wrong-way driving. Measures can be implemented on an ad-hoc basis, as is often necessary in rail replacement services, for example. In the event of an operational deployment of personnel with unknown routes, reliable operation is guaranteed. ioki Route is characterized by an easy-to-use app for drivers and a separate control center system. Initially only developed for the German market, the software is set to be rolled out across Europe in the course of 2024.

Efficient, fast, safe

The system offers precise route navigation and route adjustments in real time, simplifying training and ensuring increased safety for drivers on new routes. In addition, ioki Route helps to avoid accidents that can be caused by bridges that are too low, for example. The requirements for use are extremely simple. The ioki Route app currently runs on all commercially available Android smartphones and is based on familiar navigation apps. In addition, the ioki Route software for the control centre ensures that routes can be created and changed quickly and seamlessly. This user-friendly solution also comes into its own in rail replacement services - especially when time is of the essence.

"ioki Route is a real game changer for transport companies and their employees. We want to make it as easy as possible to use - simply download the app, select the bus type and route and bus drivers will be able to travel comparatively safely through traffic," says Managing Director Dr. Michael Barillère-Scholz, summarizing ioki's latest development. "We are convinced that digital public transport increases the attractiveness of everyday mobility for passengers, employees and transport companies. With ioki Route, we are implementing this maxim in scheduled services."

Software development with and for the industry

ioki Route is the result of a Research & Development project together with the Berliner Verkehrsbetriebe (BVG). They are Germany's largest local transport company and are committed to tackling the major ecological and social challenges of future mobility. Over the past few months, ioki's development team has been working with BVG's bus and operations experts to optimize the user-friendly app. BVG will soon be using ioki Route on bus routes in Berlin's complex urban transportation network.

Initial use of the software in the Rhineland-Palatinate city of Speyer confirms the intuitive operation of ioki Route for both drivers and employees in the control center. DB Regio Bus Mitte, bus service providers and subsidiaries of Deutsche Bahn, have been using the software for up to 200 bus drivers on nine bus routes in and around the city since the timetable change in December 2023.

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About ioki

ioki is the leading European technology company for digital mobility and a pioneer in autonomous driving in public transport. Since the company was founded in 2017, companies, cities and municipalities in 11 countries have relied on the expertise of ioki. With more than 130 flexible on-demand services and over 4.5 million passengers, ioki is the market leader for demand-responsive mobility in the DACH region. These include flagship projects such as ioki Hamburg (now hvv hop) and Germany's first self-driving public bus.

The company offers innovative platform solutions for demand-responsive and regular public transport services, data-based transport planning and digital navigation applications for public buses. With its software-as-a-service and consulting services, ioki enables digital solutions for sustainable mobility. 190 employees from over 20 nations are working from Frankfurt on the vision of digital public transport. ioki GmbH is an independent subsidiary of Deutsche Bahn.

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