

BERLIN METRO

PASSENGER INFORMATION SYSTEMS FOR THE NEW SUBWAYS IN BERLIN



PROJECT FACTS

APPLICATION

Metro

CUSTOMER

BVG Berlin

LOCATION

Berlin, Germany

SERVICES

Development, production and delivery planning of up to 13,000 TFT displays and 4,000 LED displays

1,500 METRO CARS ON CALL WITH LUMINATOR TECHNOLOGY ON BOARD

Thanks to the Berlin Transport Authority (BVG), Berlin is guaranteed never to stand still, not even in 2035, when the city is expected to have over 4 million inhabitants. The former is now starting to expand its metro fleet by more than one third – in addition to the 1,300 cars already in operation. Over the next 15 years a further 1,500 metro cars of two different types (large and small profile) are to be delivered in several stages.

The key specifications: passenger information in real time, extremely small installation depth of displays, presentation of passenger information by browser technology and data connection to all the necessary interfaces. Vehicles and IT will be so coordinated that the two car types, including passenger information system, are as identical as possible in design, energy-efficiency and low maintenance. In other words, customized solutions are called for, together with close cooperation between the manufacturers.

This option is only open to suppliers who are broadly positioned and large enough to handle the volume and the technical challenges. In addition, they are required to stock spare parts and provide support for the next 32 years. For the BVG and rolling stock manufacturers this was a question of confidence: "Which suppliers can give us this reassurance?" We at Luminator don't know what weighed more heavily, the talks in Berlin or our company's key figures and proven global expertise in large-scale projects. But we are proud that Berlin and Stadler awarded us the contract.

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CHALLENGES

Displays with max. 30 mm installation depth for large and small profile types; state-of-the-art LED technology; device management via VDV 301; browser-supported dynamic passenger information in real-time; data compatibility; planning certainty over 15 years plus support.

SOLUTION

Ultra-flat, cost-efficient TFT design (new development with Stadler), smart installation options; state-of-the-art LED technology; face panel with 'optical bonding'; HTML5 browser for displaying passenger information; remote access and configuration via VDV301; experience with long-term projects; long-standing service partnerships; new development with Stadler; minimum purchase and outline agreement quantities

RESULT

Fulfilment of all design requirements; economy (energy & costs); excellent image quality; real-time info for passengers and BVG employees; high level of system integration due to the close cooperation with Stadler (everything from one source); security for Stadler and BVG by virtue of Luminator's structure, size, expertise and innovative power; service assurance by local service providers.

"This success has raised the relationship with our customer in the German capital to a new height."

Markus Papke, Key Account Manager, Luminator



For more information visit:
www.luminator.com