

## New Siemens Mobility Mireo receives authorisation

- **Siemens Mobility Mireo receives initial approval in just 38 months**
- **Start of operations for Mireo and Desiro HC in the Rhine Valley network planned for timetable change on June 14, 2020**

In February 2017, the Ministry for Transport in the state of Baden-Württemberg ordered 24 Mireo trains and 15 Desiro HC double-decker trains to be operated by DB Regio. This marked the first order for the new Mireo regional multiple-unit trains developed by Siemens Mobility. The Mireo has received initial approval from the German Railway Authority in time for the timetable change in June 2020. Plans call for gradually incorporating the Mireo trains in regional service (RB) on the Offenburg – Freiburg – Basel/Neuenburg (Rhine) route beginning with the timetable change in June 2020.

Baden-Württemberg's Transport Minister Winfried Hermann said: "The new trains for the Rhine Valley Railway make regional rail transport in the region even more attractive and offer an incentive to make greater use of rail, a climate-friendly means of transport. This is another building block in the state's policy of developing Baden-Württemberg into a pioneer of sustainable mobility. "

"We are pleased that from mid-June, our passengers will be able to get to their destination in new trains much faster than before in local transport. We connect

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North Baden from Karlsruhe to Switzerland with an attractive transport concept,” says David Weltzien, Chairman DB Regio Baden-Württemberg.

“The new Mireo train, which combines economic viability with sustainability over the entire life cycle of the train, is a successful project for Siemens Mobility. The train received its initial approval from the authorities on schedule and Siemens Mobility has already been awarded a total of seven Mireo fleets and six Desiro HC fleets since its launch. We are delighted that our Mireo and Desiro HC trains will improve passenger experience and the capacity of the Rhine Valley Railway.” says Sabrina Soussan, CEO of Siemens Mobility.

Along with the 24 Mireo trains, 15 new, comfortable and energy-saving Desiro HC (double-decker) trains from Siemens Mobility will also operate as a regional express on the Karlsruhe – Offenburg – Freiburg – Basel route. These additions will completely restructure the rail offerings in the Rhine Valley: there will then be a clear distinction between express service between the region’s major cities and a regional or commuter system similar to the S-Bahn, stopping at all stations.

The Mireo has been designed as a scalable articulated train. All technical components are installed either beneath the floor or on the roof, making every centimeter of the interior space available for the passengers’ comfort. The three-car trains have 200 seats and a generous number of multipurpose spaces.

The double-decker Desiro HC is particularly characterized by its already proven reliability and very high availability and is very popular with passengers because of its large capacity and comfort.

Siemens Mobility has designed the Mireo and Desiro HC trains to be especially ecofriendly. The trains weigh approximately 25 percent less thanks to their

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lightweight construction. The design ensures optimized aerodynamics and energy efficiency for each of the components. Both the Mireo and Desiro HC make optimal use of the energy used and, thanks to modern design principles, achieve a reduction in energy consumption of up to 25 percent compared to vehicles on the market with the same capacity and are also designed to be maintenance-friendly.

Both the Mireo and Desiro HC trains were intensively tested at the Siemens Test and Validation Center in Wegberg-Wildenrath before being commissioned. When the trains are in passenger service, they will collect all data relevant for diagnostics, maintenance and train control and transmit it to the trackside control center. This predictive monitoring will enable the operator to plan maintenance in advance and prevent breakdowns.

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A **press picture** is available at <https://sie.ag/3eWugXo>

For further information about topic, please see

<https://press.siemens.com/global/en/feature/new-mireo-intelligence-rails>

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