

Siemens Marks Milestone: First Metro Train Arrives for Sydney Metro – Western Sydney Airport

- **Australia's fully automated metro train arrives, marking a key milestone in one of the country's most advanced rail infrastructure projects**
- **First Siemens Mobility metro train delivered to Australia since 2006**
- **First deployment of Railigent X in Australia: Railigent X the IoT-suite for services and applications**

With the delivery of the first of 12 three-car trains for the Sydney Metro – Western Sydney Airport turnkey project, Siemens Mobility has reached an important project milestone. The next step involves comprehensive testing and commissioning of the train, in a first step at the Stabling and Maintenance Facility in Orchard Hills, NSW and then on main track. Once in operation, all trains will run at Grade of Automation 4 (GoA4), enabling fully automated service on the new 23-kilometre metro line, which connects Greater Western Sydney with the Western Sydney International (Nancy-Bird Walton) Airport. Based on Siemens Mobility's established Inspiro High Capacity platform, the train has been specifically tailored to meet the unique requirements of the Sydney Metro – Western Sydney Airport line. Delivered by the Parklife Metro consortium – comprising Siemens Mobility, Plenary Group, Webuild, and RATP Dev – under a public-private partnership with Sydney Metro, this project forms an integral part of one of Australia's most advanced rail infrastructure programs.

“The arrival of the first train in Australia marks an important milestone for the Sydney Metro – Western Sydney Airport project and for Siemens Mobility’s turnkey business globally. We can now proceed to the next project phase, which involves dynamic testing in Sydney,” said **Léon Soulier, CEO Turnkey Business Unit at Siemens Mobility**. “Together with our Parklife Metro partners and Sydney Metro, we are delivering a state-of-the-art, fully automated metro system while introducing Railigent X to Australia for the first time to enhance predictive maintenance, and network performance.”

Comfortable Interiors and Barrier-Free Accessibility

Based on Siemens Mobility's Inspiro High Capacity Platform, the metro trains combine advanced technology with passenger comfort. With large windows, flexible layouts, and accessibility features like level access, wheelchair spaces, low noise engineering and wide doors, they ensure a safe and enjoyable journey for all passengers. The customer-centered interior integrates advanced technology with thoughtfully designed passenger amenities. Real-time passenger information displays, CCTV, emergency intercoms, and wide, open gangways enhance safety, orientation, and ease of movement throughout the train.

Before delivery, the trains already underwent first extensive commissioning and testing in Vienna and in the Test and Validation Center Wildenrath in Germany. Trials included wind performance tests in a climate chamber, ensuring reliable operation under all environmental conditions.

The distinctive interior design celebrates the cultural and natural heritage of the Cumberland Plain, home to the new metro line. Inspired by First Nations traditions, the upholstery incorporates elements of Ngurra (Country) and Badu (Water). Grey and blue patterns on the standard seats evoke the night sky, while yellow priority seats depict daytime gathering places near waterholes surrounded by flowering wattle, creating a unique visual identity that reflects the landscape and stories of the region.

Cutting-edge digital technology for seamless operations

Setting a new benchmark in rail transportation, these fully automated, driverless trains deliver unparalleled operational efficiency and reliability. By leveraging

predictive maintenance, Railigent X maximizes system availability and ensures reliable performance, significantly enhancing operational efficiency.

Turnkey Project Overview

In 2022, Siemens Mobility was awarded a turnkey contract to deliver Australia's first turnkey rail project and public-private partnership: the Sydney Metro – Western Sydney Airport project. The 23-kilometer-long metro line will connect the new Western Sydney International Airport with the Bradfield City Center. The contract includes twelve fully automated, driverless metro trains, as well as digital rail infrastructure like signaling, electrification, telecoms, platform screen doors, and a depot. Siemens Mobility will deploy Railigent X, the IoT-suite for services and applications for deeper insights and AI-powered analytics. This supports proactive fleet monitoring, remote diagnostics, and early issue resolution, within a 15-year full service maintenance contract. Designed to be carbon-neutral and fully automated, the project is expected to create 14,000 construction jobs, driving economic growth in New South Wales and across Australia. Siemens Mobility is part of the Parklife Metro consortium with experienced international infrastructure partners. The Siemens Mobility share of the contract is valued at 900 million euros.

This press release as well as press pictures / further material are available at <https://sie.ag/59udM9>

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For further information about Siemens Mobility, please see

www.siemens.com/mobility

Siemens Mobility is a separately managed company of Siemens AG. As a leader in intelligent transport solutions for more than 175 years, Siemens Mobility is constantly innovating its portfolio. Its core areas include rolling stock, rail automation and electrification, a comprehensive software portfolio, turnkey systems as well as related services. With digital products and solutions, and the use of industrial AI, Siemens Mobility is enabling mobility operators worldwide to make their infrastructure intelligent, increase value sustainably over the entire lifecycle, enhance passenger experience, and guarantee availability. In fiscal year 2025, which ended on September 30, 2025, Siemens Mobility posted revenue of €12.4 billion and employed around 43,400 people worldwide. Further information is available at: www.siemens.com/mobility