

Siemens Mobility and Sonda win ETCS signaling project in Mexico

- **Signaling system ETCS and advanced rail infrastructure technology on the 300+ km Mexico City–Querétaro–Irapuato corridor**
- **First time in Latin America: The software TPS.plan optimizes timetables and ensures the efficient use of the railway network.**
- **Key milestone in Mexico’s sustainable rail modernization**

Siemens Mobility, in consortium with Sonda México SA de CV, has been awarded a landmark contract to deliver the advanced signaling and rail infrastructure technology solution European Train Control System (ETCS) Level 1 for the Mexico City–Querétaro–Irapuato railway corridor. Spanning more than 300 kilometers and serving eleven passenger stations, the project is part of Mexico’s federal initiative to modernize passenger rail infrastructure. This milestone reflects Siemens Mobility’s continued success in Latin America and marks its first ETCS contract in Mexico. Siemens Mobility’s scope also includes the delivery of its TPS.plan software, a powerful train planning system that optimizes timetables and rail operations, alongside ETCS Level 1 wayside signaling, an Operational Control Center and backup, as well as Supervisory Control and Data Acquisition (SCADA) systems. Consortium partner Sonda will provide telecommunications, CCTV, and civil works.

“This contract marks a significant milestone for Siemens Mobility, as it represents our first ETCS project in Mexico and the debut of our TPS.plan train planning software in Latin America,” says **Marc Ludwig, CEO Rail Infrastructure at Siemens Mobility**. “This project underscores our commitment to enhancing mobility and connectivity across the country. The Mexico City–Querétaro–Irapuato corridor

will not only improve regional transport but will also support Mexico's sustainable development goals by modernizing its passenger rail infrastructure. We are proud to contribute to shaping the future of rail transport in Mexico.”

Siemens Mobility's scope in this transformative project includes the design, engineering, supply, installation, and commissioning of state-of-the-art rail technologies. Central to this are the ETCS Level 1 wayside signaling system, an Operational Control Center (OCC) with a backup OCC, and SCADA systems for real-time infrastructure supervision.

ETCS is a standardized signaling and control system that enhances rail safety by continuously supervising train speed and movement authority. It replaces fragmented national systems with a common standard.

First time in Latin America: TPS.plan

Additionally, Siemens Mobility will, for the first time in Latin America, implement TPS.plan, a cutting-edge software solution developed by its subsidiary HaCon. This application enables precise timetable and track path optimization by leveraging microscopic infrastructure modeling to create conflict-free schedules. TPS.plan also simplifies coordination by granting stakeholders full access to the most up-to-date planning status, ensuring efficient and seamless rail operations.

A Milestone for Mexico's Rail Modernization

The project marks a key milestone in Mexico's rail modernization, significantly enhancing mobility for workers, students, and commuters in the Bajío region. By connecting the capital with the states of Hidalgo, Querétaro, and Guanajuato, the line strengthens regional connectivity to Mexico City, boosts economic competitiveness, and aligns with federal goals for sustainable passenger rail. With innovative technologies and by taking a leading role early on, Siemens Mobility establishes itself as a trusted partner to shape industry standards while driving efficiency, improving connectivity, and fostering long-term development.

Driving Rail Innovation in Latin America

Siemens Mobility has established itself as a leader in Latin America, driving the modernization and digital transformation of the region's rail networks. From building the continent's first fully automated metro line (GoA4) to pioneering advanced

technologies such as ETCS Level 2, the company sets new benchmarks for electrification, automation, and digitalization. Notable projects include the deployment of scalable and cyber-secure Signaling X technology on the Alameda-Melipilla and Santiago-Batuco lines in Chile, spanning 140 kilometers and 46 stations. With these cutting-edge initiatives across countries like Mexico, Brazil, Argentina, and Chile, Siemens Mobility significantly enhances the efficiency, safety, and sustainability of rail transport throughout the region.

This press release and further material are available at <https://sie.ag/4TSvdv>

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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