

Alstom celebrates a decade of operation of the São Paulo Monorail Line 15-Prata

- **Latin America's first monorail has already registered a record number of passengers**

August 29, 2024 - Alstom, a global leader in smart and sustainable mobility, celebrates a decade of operation of Line 15-Prata of the São Paulo Metro, a pioneer in monorail technology in Brazil and Latin America. Since its opening on August 30, 2014, the line has played a key role in transforming urban mobility in the metropolis, connecting densely populated areas to the city center and significantly reducing travel times.

"The development and implementation of Line 15, the first monorail in Brazil – and in Latin America – marks a significant advance in the railway sector in the country and in the region. This pioneering project has transformed urban mobility in São Paulo by setting a precedent for future innovations in transport infrastructure. It is great proof of how technology can be used to improve people's lives, reducing travel times and connecting communities," said Suely Sola, Alstom's Manager Director of Signaling & Infrastructure for Latin America.

Alstom designed, manufactured, installed and delivered the existing fleet on Line 15, as well as the onboard and trackside signalling. The 27 Innovia™ 300 trains supplied for the line are equipped with the Cityflo™ 650 signalling system, which allows flexible integration with auxiliary systems such as passenger information panels, closed-circuit television and telecommunications. It also features a regenerative braking system, an intelligent energy management system and LED lighting.

The Line 15's monorail also features driverless technology using track markers for guidance, positioning and collision prevention of trains. Another technical resource is transmitters responsible for locating and identifying the time required for opening platform doors, which results in more efficient operations and a better experience for passengers when boarding/landing. The trains are also equipped with advanced fire extinguishing systems to ensure safety.

Each train has the capacity to carry 40 thousand passengers per hour and per direction, with a 90-second headway between trains.

On the 20th august, the São Paulo Metro reported that the Monorail Line 15 registered a historic record in passenger transport, serving 140,000 people, the largest volume of passengers transported in a single day since the beginning of operations.

Alstom is also helping build the future for this line, manufacturing 19 new seven-car trains for the line's expansion. Fast and efficient to build, the new Innovia™ trains are being produced in China by PATS, a joint venture between Alstom and CRRC. The first train is scheduled to be delivered to São Paulo in October, 2024.

Currently, Line 15 operates along 15 kilometers, with 11 stations between Jardim Colonial and Vila Prudente, and allows people to travel from the far east to the city center in approximately half the time as it would take to drive. With the planned expansion to Ipiranga, Boa-Esperança and Jacu Pêssego stations, plus a new depot at Ragueb Chohfi, the line will cover 19.1 kilometers and 14 stations, serving an estimated demand of 380 thousand passengers per day.

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About Alstom

Alstom is committed to contributing to a low-carbon future by developing and promoting innovative and sustainable transport solutions that provide a pleasant experience for users. From high-speed trains, metros, monorails and LRVs to complete systems, services, infrastructure, signaling and digital mobility, Alstom offers its diverse group of customers the broadest portfolio in the industry. Present in 64 countries with a team of more than 84,700 people from 184 nationalities, the company focuses its skills in design, innovation and project management in the areas where mobility solutions are most needed. Listed in France, Alstom generated revenues of €17.6 billion in the fiscal year ending March 31, 2024. For more information, please visit www.alstom.com.

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