



Concessionária da Linha 4 do Metrô de São Paulo S.A.
Rua Heitor dos Prazeres, 320
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www.viaquatro.com.br

Via  Quatro

Innovation is ViaQuatro's trademark for São Paulo's urban mobility

Subway Line 4 (Yellow) offers unprecedented technologies to its passengers

Responsible for the operation and maintenance of Line 4 (Yellow) of the São Paulo subway, ViaQuatro invests in innovations exclusively designed to transport passengers in a safe, fast and comfortable way. Its technological edge ranges from platform doors to the driverless system, timers that show when the train will arrive at the station and a display that shows the number of people in each car.

Line 4 (Yellow) trains are equipped with the most modern subway technology, which combines radio CBTC (Communications-based train control) and driverless operation (no conductors). This system prevents human errors and controls both train speed and intervals, as necessary. It also controls the number of trips, door opening times and the number of trains in the line based on passenger demand. Line 4 (Yellow) trains have air conditioning, free passage between the cars, mobile phone signal, low noise level, energy efficient lighting and direct communication with the Operation Control Center (CCO). CCTV cameras follow movements in real time throughout the line, inside the trains, in the stations and in the parking and maintenance yards.

The fleet, composed of 29 trains, carries 750,000 passengers per business day, in 951 trips.

The stations are also modern and comfortable. Line 4 (Yellow) was the first line in Latin America to install glass panel doors that separate the platform from the rails. The platform doors open at the same time as the train doors and trains stop exactly where users get on and off, helping reduce the number of accidents and interruptions in the subway.

Users have access to ViaQuatro's exclusive innovations on the platforms. Line 4 (Yellow) is the only one in the world featuring a display that shows the number of people on the next train. The software, which took three years to be developed, is able to monitor the weight of the trains and indicate which car has the fewest passengers. The train timer, an unprecedented feature amongst Brazilian railway transport operators, allows passengers to know how long the next train will take to arrive at the station.

Stations - Line 4 (Yellow) has nine operating stations: Luz, República, Higienópolis-Mackenzie, Paulista, Oscar Freire, Fradique Coutinho, Faria Lima, Pinheiros and Butantã. When completed, after the inauguration of the São Paulo-Morumbi and Vila Sônia stations, the line will have 12.8 kilometers connecting downtown São Paulo to the west side of the city. One million passengers are expected to use the line every business day.



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Integration - One of the major benefits of Line 4 (Yellow) for the São Paulo transportation system is its integration with other subway and train lines, allowing the entire system to operate as a network. The connections are at the Luz station, with subway lines 1 (Blue), and CPTM (Companhia Paulista de Trens Metropolitanos) lines 7 (Rubi) and 11 (Coral); the República station, with subway line 3 (Red); the Paulista station, with subway line 2 (Green); and the Pinheiros station, with CPTM line 9 (Emerald).

Recognition – Line 4 (Yellow) is amongst the world's 100 most innovative infrastructure projects, according to KPMG's Infrastructure 100 World Cities Edition. In 2013, it was elected the best Public-Private Partnership (PPP) in Latin America and the Caribbean by the Internacional Finance Corporation (IFC), a financial entity associated with the World Bank.

In 2014, ViaQuatro received the *Ferrovário Padrão* award, in the Passenger Transport category, from Revista Ferroviária, thanks to the *Embarque Consciente* campaign, and the *Melhor do Brasil* title, in the Railway Passenger Transport category, granted by OTM Editora's *Maiores & Melhores do Transporte* award.

In 2017, the concessionaire received five rail transport awards. The UITP (International Union of Public Transport) award and Alamys (Latin American Subway Association) recognized the *Lotação de Trem* project. The 28th edition of the Revista Ferroviária award elected ViaQuatro as the best subway operator in Brazil. The first edition of PPP Awards & Conference Brazil recognized ViaQuatro as the Concessionaire of the Year at an event in honor of Public-Private Partnerships in Brazil. Finally, OTM Editora elected the concessionaire as the Best Subway Passenger Carrier in the 30th edition of the *Maiores do Transporte & Melhores do Transporte* award.

Investment and pioneer technology – Line 4 (Yellow) is Brazil's first Public-Private Partnership (PPP) in the sector and the first line in São Paulo to be operated by a private company, ViaQuatro. In order to guarantee the service to its passengers, ViaQuatro invested US\$450 million in systems, equipment and trains. In 30 years of operation, investments will total more than US\$2 billion.

About ViaQuatro: *ViaQuatro is the concessionaire responsible for the operation and maintenance of Line 4 (Yellow) of the São Paulo subway and the first Public-Private Partnership (PPP) agreement executed in Brazil. Line 4 (Yellow) is the pioneer in the use of the driverless system in Latin America. Said technology consists of an automatic operation that does not require a subway conductor inside the train, thus allowing permanent speed control and providing more safety and precision to the operation.*

Media relations

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