

## Alstom to deploy its on-board automatic control system on line 8 of the Paris metro

- Alstom is supporting the modernisation of Paris metro line 8, operated by RATP on behalf of Ile-de-France Mobilités, with its on-board automatic control system and I-CBTC<sup>1</sup> radio
- This renovation, carried out without any major impact on service, will improve the reliability, regularity and safety of the line 8
- In the Ile-de-France region, Alstom's on-board solution is already installed on five lines and more than 200 metro trains, carrying more than 350 million passengers each year.

**12 March 2026** – Alstom, global leader in smart and sustainable mobility, has been selected by RATP, on behalf of Ile-de-France Mobilités, to supply its on-board automatic control system I-CBTC for Paris metro line 8. This contract is part of OCTYS 2030, the program aimed to deploy automatic control and driving systems on the Paris metro network, led by RATP with funding from Ile-de-France Mobilités, in order to improve the performance and reliability of the lines involved and to support the commissioning of the new MF19 rolling stock, which will be deployed on line 8 by 2029.

The contract comprises two lots: the on-board system performing automatic train control functions with a driver ("Grade of Automation 2" or GoA2), and the radio system enabling data transmission between the train and the ground. Alstom has also been entrusted with the overall coordination of the automatic driving system.

"With I-CBTC, we are providing a reliable, state-of-the-art automatic control solution designed and integrated by our teams in France. We are delighted to once again contribute to the modernisation and improvement of the Paris metro performance alongside RATP and Île-de-France Mobilités," said Frédéric Wiscart, President of Alstom France, Belgium & Luxembourg.

### A high-performance, proven signalling system

Alstom's I-CBTC solution is an interchangeable Communication-Based Train Control (CBTC<sup>1</sup>) on-board automatic control system for metros that complies with RATP's OCTYS development framework and with the latest international standards for safety, cybersecurity and reliability in the field of mobility. By enabling shorter, safely managed train spacing and real-time supervision, I-CBTC helps to increase the regularity and resilience of the line, thereby improving its reliability for passengers.

The OCTYS contract for line 8 highlights Alstom's expertise in the field of railway signalling and the strength of its partnership with RATP. For more than 20 years, the two stakeholders have been working closely together to modernise the Paris metro network. In recent years, lines 5, 6, 9, 10 and 11 have already been equipped with the OCTYS on-board solution developed by Alstom.

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<sup>1</sup> CBTC (Communication Based Train Control) is an automatic rail traffic control system based on continuous communication between the train and the control centre responsible for managing traffic.

In addition, more than 200 trains on the Paris metro network now operate with Alstom's I-CBTC on-board technology, transporting more than 350 million passengers per year.

**Three Alstom sites in France will supply the automatic control system**

Alstom will be responsible for the development, validation, industrialisation, installation, testing and commissioning of the "on-board" and "radio" components of the I-CBTC solution.

Three Alstom sites in France will contribute to this project:

- Aix-en-Provence, for project management, development, supply and overall system engineering;
- Saint-Ouen, for radio deployment studies, on-site installation, testing and commissioning; and
- Villeurbanne, for the supply of electronic equipment, reliability and maintainability activities.

This new contract reinforces Alstom's position as a leader in digital and signalling in France. With more than 2,000 experts, Alstom is France's leading employer in digital mobility.

Alstom is a pioneer in communication-based train control (CBTC) with over 30 years of expertise, and more than 190 metro lines equipped in 32 countries. Alstom's solutions are highly proven with 20 years of expertise in radio CBTC systems.

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Alstom**

Alstom commits to contribute to a low carbon future by developing and promoting innovative and sustainable transportation solutions that people enjoy riding. From high-speed trains, metros, monorails, trams, to turnkey systems, services, infrastructure, signalling and digital mobility, Alstom offers its diverse customers the broadest portfolio in the industry. With its presence in 63 countries and a talent base of over 86,000 people from 184 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated sales of €18.5 billion for the fiscal year ending on 31 March 2025.

For more information, please visit [www.alstom.com](http://www.alstom.com).

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