

PRESS RELEASE

VivaTech 2025: RATP Group unveils its latest innovations

Tuesday, 3 June 2025

From 11 to 14 June 2025, RATP Group will participate in the 9th annual Viva Technology conference, which will gather power players in innovation. At the Group's 300-m² booth (Hall 1 J 38), visitors will be able to discuss with our teams, and trial new innovative solutions that have been designed to enhance the passenger experience, and facilitate employees' routine duties. Once again this year, the Group will showcase its ongoing projects with 15 partner start-ups, which are jointly committed to building the innovative technologies of tomorrow.

As the third-largest urban transport operator worldwide, RATP Group has always placed innovation at the core of its business. The Group leverages innovation to anticipate and meet passenger expectations, enhance the quality of working life, improve its services, and accelerate the development of sustainable, inclusive cities.

Over 300 projects are currently being developed in-house, led by various divisions across the company, and an ecosystem of trusted partners. At VivaTech, RATP Group will be featuring a selection of of these innovations, some of which are partially funded by Île-de-France Mobilités for the Île-de-France regional network.

"Innovation is an approach with benefits that resonate across our activities. It is a powerful means through which the Group and its partners can foster co-construction and openness, as well as dialogue and synergies. Our experience in innovation stems from a long history: from rubber-tired metro systems to automation, AI-based and VR-based training tools, and our predictive maintenance programme, we have always demonstrated our ability to devise innovative solutions for the benefit of regions and passengers. Our participation at VivaTech, alongside tech leaders, reflects our deep commitment to continuous innovation, with the ultimate goal of making everyday life easier for everyone, and shaping the future of mobility."

Gilles Tauzin

RATP Group Innovation Director

Projects designed to benefit employees and passengers

Throughout the trade show, visitors will be given the opportunity to discover and trial a selection of projects that the company is developing in order to facilitate the daily routines of its employees, and provide its passengers with the best service quality. The most notable projects include:

Predictive maintenance programme



the predictive maintenance programme was rolled out in phases on metro lines 1, 4, 11, and 14 between 2021 and 2024.

Predictive maintenance aims to increase the availability of our rolling stock and facilities. Based on the continuous analysis of real-time data feeds, and optimised with RATP Group-developed artificial intelligence, as well as built-in monitoring devices, predictive maintenance is an asset for the Group's maintenance staff, who can accordingly anticipate breakdowns, and reduce service disruptions for a passenger experience that only improves over time.

Staff training in augmented reality

To facilitate the training of staff members who conduct equipment maintenance in stations, RATP Group has developed an augmented reality app that is used in a virtual reality headset, enabling them to practise operations on virtual models without the need for physical equipment. The immersive solution, which supplements existing learning modules, enriches customer relations. The feedback received from staff members after the initial training sessions has been very positive.



Cooling vests

Developed by Technifresh, cooling vests provide a simple, effective solution to help metro drivers cope better with hot weather spells. The vests are made of fabric that absorbs, stores, and releases water through evaporation, thereby creating a cooling effect that can reduce temperatures by 5°C to 8°C over 5 to 10 hours. Following successful trials of the vests in the summer of 2024 on metro lines 3, 6, 7, and 13, discussions are ongoing to equip all metro drivers with them by the end of 2025.

AI as a major lever for innovation

RATP Group also relies on artificial intelligence to facilitate its employees' duties, and tighten security on the network it operates:



DetectIA Tag

DetectIA Tag is a system relying on an artificial intelligence programme that was developed by RATP Group, and sensors installed in tunnels, with which graffiti on rolling stock can be quickly detected. In less than 7 seconds, the system scans the sides of trains, and identifies graffiti. This optimises the work of cleaning teams, and assists security teams in preventing acts of vandalism.

Currently being trialled on metro lines 6 and 7, DetectIA Tag has already scanned close to 155,000 train carriages on Paris metro line 7, with a detection accuracy exceeding 99%. The possibility of extending the technology across metro and RER lines in the Île-de-France region is currently under review.

Mon client IA

To enhance station staff training, RATP has developed Mon client IA, an innovative solution that uses artificial intelligence to train station staff on managing complex or rare situations in an immersive, realistic environment. The app offers a variety of new dialogue scenarios. Four initial scenarios are currently being rolled out by the company, before a field trial phase.



Don't miss out on any of the Group's activities at VivaTech – visit our social media accounts!

During the trade show, follow RATP Group news on [LinkedIn](#), [X](#), [TikTok](#), and [Instagram](#). On the programme:

- Presentations of our innovations,
- Interviews with employees,
- Conferences and round tables,
- Immersive content to follow the event as if you were there!

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