

新聞稿

Press Release

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East Rail Line Century-Old Railway: Automatic Platform Gates Installation Project Successfully Completed All MTR Heavy Rail Stations Are Now Equipped with Platform Gates Overcoming Challenges While Maintaining Operations

The MTR Corporation announces the successful completion of the Automatic Platform Gates (APGs) retrofit on the East Rail Line (EAL) after the installation of the final pair of APGs was completed at Mong Kok East Station and put into service by the end of May. MTR representatives, along with representatives from the Transport and Logistics Bureau, Highways Department, and Transport Department, attended a ceremony today (4 June 2025) to celebrate that the APGs installation project was completed approximately six months ahead of programme, and overcame various challenges without disrupting daily EAL services.

Following the opening of the EAL Cross-Harbour Extension in May 2022, the Corporation commenced the APGs retrofit in mid-2023. The project involved the installation of approximately 1,600 pairs of APGs across 35 platforms at 13 EAL stations. To install around 20 tons of APGs on each platform along a century-old railway line, a large amount of meticulous and preparatory works was done during the construction of the EAL Cross-Harbour Extension and after the commissioning of the new line.

With the completion of the APGs installation project on the EAL, all MTR heavy rail stations are now equipped with APGs or Platform Screen Doors. The passengers are enjoying a better travelling environment with the new facilities.

Mr Carl Devlin, Capital Works Director of the MTR Corporation said: "Installing APGs on the century-old East Rail Line is very complex from the engineering perspective. Maintaining normal train services during installation further escalated the challenges. Thanks to the meticulous planning and collaboration among various teams and the relentless efforts of our colleagues, not only did we successfully overcome these challenges but also completed the entire project six months ahead of schedule. I would like to take this opportunity to thank all stakeholders, including relevant government departments, local communities, and passengers for their support and understanding, which made this project a success."

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As the EAL is the oldest railway line in Hong Kong, the installation required a series of preparatory works, including platform strengthening to reinforce the structures, allowing each platform to support around 20 tons of loading added by the APGs, as well as the installation of prefabricated base plates along the platform edges and control panels at the two ends of the platforms. Taking the opportunity presented by the opening of the Cross-Harbour Extension and the introduction of new trains, adjustments were made so the trains could stop at the straighter parts of the platforms. Over 270 nights of testing were conducted to achieve integrated new train operation with precise alignment between train doors and the APGs, and synchronisation of the signalling and APG operations.

The last three stations to commence APGs installation, namely University, Lo Wu, and Mong Kok East stations, faced challenges due to their curved platforms with different degrees of curvature. To successfully install the straight platform gates on curved platforms, over 20 different widths of glass panels had to be tailor-made to accommodate the curvature along the platform edges with precision.

The project team primarily utilised the "golden two hours" after train services finished each night to complete the necessary works, and strategically deployed resources and workforce to expedite progress during non-peak daytime hours at stations with spare platforms. Throughout the works, the project team and operations team coordinated closely to flexibly allocate the use of limited non-traffic hours while also maintaining the necessary routine maintenance work for railway operations.

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About MTR Corporation

To Keep Cities Moving, MTR makes encounters happen and rendezvous for a more connected tomorrow. As a recognised world-class operator of sustainable rail transport services, we are a leader in safety, reliability, customer service and efficiency.

MTR has extensive end-to-end railway expertise with over 45 years of railway projects experience from design to planning and construction through to commissioning, maintenance and operations. Going beyond railway delivery and operation, MTR also creates and manages dynamic communities around its network through seamless integration of rail, commercial and property development.

With more than 50,000 dedicated staff*, MTR carries over 10 million passenger journeys worldwide every weekday in Hong Kong, Mainland China, Australia, the United Kingdom and Sweden. Together, we Go Smart and Go Beyond.

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*includes our subsidiaries, associates and joint ventures in Hong Kong and worldwide

Photo Caption:

1. Mr Carl Devlin, Capital Works Director of the MTR Corporation (third from left), together with other officiating guests to celebrate the completion of the Automatic Platform Gates installation along the East Rail Line, including Mr Dennis Wan, Government Engineer, Railway Development Office, Highways Department (first from left), Mr Tim Leung, General Manager – Railway & System Integration of the MTR Corporation (second from left), Mr Wong Chi-kwong, Assistant Commissioner for Transport (Bus and Railway) (third from right), Ms Ada Lai, Principal Assistant Secretary for Transport and Logistics (second from right), and Ms Bess Ng, Head of Line Group Management – EAL of the MTR Corporation (first from right).



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2. The installation of the final pair of APGs at Mong Kok East Station was completed on 23 May.



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3. At three stations with curved platforms, namely University, Lo Wu, and Mong Kok East stations, the project team utilised over 20 different widths of glass panels to enable the gates to be installed along the curved platforms.

