

Thales to provide Kuala Lumpur with an Integrated Control Centre to better serve passengers

- Thales' technology will allow Malaysia's leading rail operator, Prasarana Malaysia Berhad, to manage Kelana Jaya, Sri Petaling, Ampang and Monorail lines from a new single Integrated Control Centre (ICC), for a combined total of around 100 trains and 100 km of track.
- Thales will install its SelTrac™ CBTC (Communications Based Train Control) and AltTrac™ ETCS L1 (European Train Control System Level 1) train supervision technology, in the new Integrated Control Centre (ICC), with modifications to three existing Operational Control Centres, allowing for operational synergies and providing a fully integrated view of rail operations.
- In one of its largest projects awarded to-date, Thales Malaysia Sdn. Bhd. is appointed the prime contractor working with Prasarana, with full project management and coordination done by the Thales Malaysia team in Kuala Lumpur.



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Prasarana Malaysia Berhad, one of Malaysia's largest transport operators, will rely on Thales to integrate its signalling supervision and control systems, which manage SelTrac™ CBTC and AltTrac™ ETCS L1 platforms, along with Network Management and backup systems, into the new Kuala Lumpur Integrated Control Centre (ICC).

Once completed, Prasarana will be able to operate all of its existing lines - the KL Monorail, Kelana Jaya, Ampang and Sri Petaling lines - from a single Integrated Control Centre. At the same time, Network Management and backup solutions will be integrated to ensure seamless end-to-end management of the signalling assets across different locations. The integrated rail operation will allow Kuala Lumpur commuters to enjoy service with a quick response time in case of system failures or incidents affecting rail operation. The new ICC will be located at Taman Ikan Emas.

The project will also include modifications in three existing Operational Control Centres to be used as backup centres, thereby ensuring a very high level of operational redundancy and system availability.

This project is another testimonial of Thales long-term commitment in the development of local competencies in areas in high demand in Malaysia and in global markets. Engineers from Thales Malaysia Sdn. Bhd. will drive and manage the project, integrating solutions from worldwide Thales teams located in Canada, Portugal and Singapore. Further, this project will be the first of its kind where Thales will involve a significant pool of young graduates under the Malaysia government's Protégé program, who will be undergoing training and inserted in real projects for an easier insertion in the marketplace.

The project is expected to be delivered by April 2023.

Thales has been actively involved in Malaysia's transport sector since 1998 when the Kelana Jaya LRT Line commenced operations with Thales' SelTrac CBTC system. Over the years, Thales has upgraded Kuala Lumpur's Monorail with a turnkey signalling solution as well as extended CBTC signalling on the Kelana Jaya and Ampang LRT lines. As part of its commitment to strengthening local rail expertise in Malaysia, Thales also established a Rail Centre of Excellence in Batu Gajah with the support of the Malaysian Industry-Government Group for High Technology (MIGHT), to provide training and transfer-of-technology to the next generation of railway engineers.

"This prestigious project will be an important milestone in the way Prasarana operates its lines. As a long-term strategic partner to Prasarana, we are proud to share their vision of operational excellence with the creation of this Integrated Control Centre. We look forward to delivering this project which will bring stronger synergies between Prasarana and Rapid Rail and ultimately, enhance the passenger experience for commuters in Kuala Lumpur." - **François-Xavier Boutes, Country Director, Thales Malaysia**

"This is an important project for Thales to demonstrate its capabilities to integrate multi-signalling platforms as part of its digital strategy. It is another success story in the 30+ years of the Thales-Kuala Lumpur relationship." – **Alcino De Sousa, Vice President & Managing Director, Thales Urban Rail Signalling**

About Thales

Thales (Euronext Paris: HO) is a global leader in advanced technologies, investing in digital and “deep tech” innovations – connectivity, big data, artificial intelligence, cybersecurity and quantum technologies – to build a confident future crucial for the development of our societies. The Group provides its customers – businesses, organizations and governments – in the defense, aeronautics, space, transport, and digital identity and security domains with solutions, services and products that help them fulfil their critical role, consideration for the individual being the driving force behind all decisions.

Thales has 81,000 employees in 68 countries. In 2021, the Group generated sales of €16.2 billion.

About Thales Malaysia

Thales Malaysia Sdn. Bhd. Recently celebrated its 40th anniversary in Malaysia. Headquartered in Kuala Lumpur, and employing a strong local workforce of over 100 Malaysian employees, Thales Malaysia has a strong local industrial footprint, offering high-technology solutions to key Malaysian stakeholders in the sectors of Defence, Security, Aerospace, Transportation and Digital Identity & Security.

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