

## **Thales commissions seven key stations for the Egyptian National Railways as part of the Signaling modernization projects**

- The existing mechanical signalling systems are being replaced with Thales' Electronic Interlocking System (EIS) across three of the ENR's most prominent projects in the country; 159km long Cairo-Alexandria, 48km long Cairo-Benha section, and 180km long Asyut-Nagahamadi
- Almost 90% of the Cairo-Alexandria railway signalling system has been completed



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**Thales has commissioned a total of seven new stations across the three major railway lines over the last six months. Upgrades on Sandanhour, Toukh, and Qaha stations on the Cairo-Benha line, Geziret and El Maragha on the Asyut-Nagahamadi line, and Kafr el Dawar and Damanhour on the Cario-Alexandria line have all been completed.**

As part of the Egyptian National Railways (ENR) Signaling Modernization project, the existing mechanical signalling systems are being replaced with Thales' Electronic Interlocking System (EIS) across three of the ENR's most prominent lines; 159km long Cairo-Alexandria, 48km long Cairo-Benha, and 180km long Asyut-Nagahamadi. The signaling modernization will increase train safety and speed by creating a more efficient railway system.

The Cairo-Alexandria railway line which serves 25 million passengers a year is the busiest in the network and is on track to be fully upgraded, with 90% of works already done. The ENR has commenced commercial operations on the seven stations that have been completed across the Cairo-Alexandria corridor, with a new and improved signalling system on 107km of track. The commissioning of the new section of Damanhour on the 20th of August 2020 added 37km of the line into service and is considered as the largest milestone in all ENR projects.

In addition, the project entails new level crossings, upgrade of telecommunications systems, and new technical buildings for ENR. This includes the implementation of a centralized control centre, which will allow ENR to monitor and supervise train operation for the whole lines.

*“The ENR modernization project is key to supporting the ever-evolving infrastructure and growing population in Egypt. The goal is to deliver a robust and safe signalling system to transport passengers within and between cities, faster and safer. Despite the challenges posed by the global pandemic, we have made significant progress and are moving at a strong pace with ENR to finalize the project in line with the agreed timeline,”* **commented Sherif Barakat, Country Director, Thales Egypt**

## About Thales

Thales (Euronext Paris: HO) is a global high technology leader investing in digital and “deep tech” innovations – connectivity, big data, artificial intelligence, cybersecurity and quantum technology – to build a future we can all trust, which is vital to the development of our societies. The company provides solutions, services and products that help its customers – businesses, organisations and states – in the defence, aeronautics, space, transportation and digital identity and security markets to fulfil their critical missions, by placing humans at the heart of the decision-making process.

With 83,000 employees in 68 countries, Thales generated sales of €19 billion in 2019 (on a basis including Gemalto over 12 months).

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