Bangladesh Modernises its Nationwide Air Traffic Management Infrastructure with Thales

- Civil Aviation Authority of Bangladesh (CAAB) renews their trust in Thales with a turnkey modernisation of their nationwide Air Traffic Management (ATM) system.
- The new ATM system will improve capacity and safety thanks to a complete nationwide surveillance coverage using the latest ATC and air surveillance technologies compliant with ICAO standards.
- An iconic new Air Traffic Management Centre and Control Tower as well as new radar building will be constructed at the Hazrat Shajalal International Airport (HSIA) in Dhaka.

In 2019, Asia-Pacific was the largest market for passenger travel to Bangladesh, followed closely by the Middle East and Europe. Over the past year, the number of passengers on domestic routes in Bangladesh recovered to pre-pandemic levels. As the aviation sector gradually embarks on recovery, the CAAB is affirming its commitment to increase safety and security of its airspace with the signing of a contract with Thales for a full turnkey modernisation of the country’s Air Traffic Management system.

The contract was signed between CAAB and Thales on 21st October 2021 in Dhaka, Bangladesh, graced by Stat Minister for Civil Aviation and Tourism Md Mahbub Ali and his Excellency Mr. Jean-Marin SCHUH, Ambassador of France to Bangladesh.

The project will involve the modernisation of the en-route, approach and tower system at Dhaka’s HSIA airport, with equipment to be installed also at other regional airports throughout Bangladesh. Thales will provide complete new automated systems including ATC automation, primary and secondary radars (STAR NG and RSM), ADS-B, Wide Aera Multilateration, Airport Multilateration, Datalink and countrywide VSAT communications and terrestrial network as backup to VSAT. This project will provide Bangladesh with the most modern nationwide air surveillance.

An iconic 45 metre high Control Tower and Air Traffic Management Centre will be built at HSIA, equipped with a state-of-the-art security system providing CCTV coverage and access control on an integrated platform. The CAAB’s controllers will work with the latest automation technologies to support the future growth of air traffic in the country. The project is expected to be completed by 2024.
“Thales is pleased to be a trusted partner, playing a key role in establishing a safe and reliable turnkey air traffic solution, leveraging on decades of experience to support CAAB in the design, implementation and operation of the most suitable turnkey ATM solution.” Christian Rivierre, Vice-President Airspace Mobility Solutions, Thales

“Capitalizing on more than 900 ATC radars installed around the world, Thales is proud to support CAAB in its modernization offering the best in air surveillance”. Marie Gayrel, Director of civil radars, Thales

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 computing – to build a confident future crucial for the development of our societies. The Group provides its customers – businesses, organisations 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 2020 the Group generated sales of €17 billion.

PRESS CONTACT
Thales, Media relations
Defence & Civil aerospace
Maria Mellouli
+33 (0)6 89 73 25 47
maria.mellouli@thalesgroup.com

Thales Communications, Asia
Serene Koh
+65 6594 6898
serene.koh@asia.thalesgroup.com

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