

## **Bahrain to upgrade ATC communications with FREQUENTIS**

### **Bahrain Ministry of Transportation and Telecommunications' (MTT) Civil Aviation Affairs (CAA) selects Frequentis for voice communication system (VCS) modernisation**

**Bahrain MTT Civil Aviation Affairs (CAA) announced that it has awarded Frequentis the contract to modernise the Bahrain International Airport voice communication infrastructure. The Area Control Centre (ACC) and airport towers at Bahrain International Airport will be equipped with the latest Frequentis VCS3020X, replacing the existing Frequentis system, which has been in use by MTT for over 15 years.**

Bahrain International Airport is the Gulf's oldest airport and the nation's gateway, managing over 100,000 flight movements per year, supporting over 8 million passengers. The airport is currently undergoing an expansion that will increase its passenger capacity to 14 million with the opening of the new passenger terminal scheduled for 2020. Bahrain airspace, which stretches from the United Arab Emirates (UAE) to Kuwait, also sees MCT CAA deal with over 600,000 overflights per year. The anticipated air traffic growth in the region requires BCAA to have a high performing, reliable and future-proof ATC communication system.

Frequentis has a long-standing history in Bahrain having completed similar projects with the CAA in and multiple voice communications and recording systems for other Bahrain entities. The new system, which is scheduled to be delivered in early 2020, will be configured for 34 positions, supporting operations at the ACC, simulation room, main tower and emergency tower.

"Frequentis is proud to be providing Bahrain MTT CAA with the latest voice communications technology and that CAA has entrusted us with the modernisation of its voice communication system and we look forward to continuing our successful long-term partnership," said Hannu Juurakko, Vice President ATM Civil at Frequentis.

As a field proven compact and fully duplicated end-to-end IP VCS, the VCS3020X system provides flexible integration of the existing analogue and digital radio infrastructure. The CAA will be able to manage all communications with the shortest air-ground delay, while providing the best voice quality. The fully redundant solution also comprises a multitude of interfaces to external systems. It is ready for

future IP radio and telephone connectivity and complies to the ED-137B EUROCAE (European Organization for Civil Aviation Equipment) standard.

VCS3020X is the leading end-to-end IP communication solution for Air Traffic Management globally. Its robust and proven architecture brings unrivalled scalability and functionality, and its wide array of workload sharing, and networking capabilities makes it a critical element for any successful implementation of dynamic sectorization, or virtual air traffic control.

The VCS3020X will bring CAA the best performing air traffic control voice communication solution, together with rapid deployment and the lowest total cost of ownership.

## About FREQUENTIS

Frequentis, headquartered in Vienna, is an international supplier of communication and information systems for control centres with safety-critical tasks. Such 'control centre solutions' are developed and marketed by Frequentis in the business sectors Air Traffic Management (civil and military air traffic control, air defence) and Public Safety & Transport (the police, fire brigade, ambulance services, shipping, railways). Frequentis operates a worldwide network of branches, subsidiaries and local representatives in more than 50 countries. Products and solutions from Frequentis can be found in 25,000 operator working positions and in about 140 countries. Founded in 1947, Frequentis is, by its own estimation, the global market leader in voice communication systems for air traffic control with a market share of around 30%. Moreover, the Frequentis Group's systems are globally leading in AIM (aeronautical information management) and aeronautical message handling systems, as well as in GSM-R systems in the field of Public Transport.

Since 14 May 2019, the shares of Frequentis AG are traded in the General Standard on the Frankfurt Stock Exchange and on the prime market on the Vienna Stock Exchange under the ticker symbol FQT (ISIN: ATFREQUENT09).

For more information, please visit [www.frequentis.com](http://www.frequentis.com)

Jennifer McLellan, Public Relations, Frequentis AG,  
[Jennifer.mclellan@frequentis.com](mailto:Jennifer.mclellan@frequentis.com), phone: +44 2030 050 188

