

FREQUENTIS installs ATM-grade network solution across Malaysia

The Frequentis IP network solution has been installed at all 23 sites within the Kuala Lumpur Flight Information Region (FIR)

Frequentis has successfully installed its vitalsphere network solution for the new Kuala Lumpur Air Traffic Control Centre (KL ATCC), marking a major milestone in the project. Frequentis was chosen by Telekom Malaysia (TM) to deliver an ATM-grade radio communication solution, for the Civil Aviation Authority of Malaysia (CAAM). The solution is based on VCX-IP and integrates the new centre in Kuala Lumpur and 21 radio sites across the country, paving the way for resilient and safe ATC radio communication.

The new Kuala Lumpur ATCC project is part of the country's transformation programme and seen as the foundation for restructuring the Kuala Lumpur FIR. For this reason, it includes communication, navigation, surveillance and air traffic management (CNS/ATM) systems. The system will become the backbone of the country's air traffic control, as well as the central coordination centre for the CAAM's Search and Rescue (SAR) system.

"The Frequentis solution complies with the relevant ATM standards such as ED-137 – in addition it delivers commercial and technical benefits which were already successfully demonstrated in advance of this selection," says Anwar Awang Man, TM Project Director for New Kuala Lumpur ATCC.

VCX-IP is an application-level gateway for voice and data communications complying with European and international VoIP (voice over IP) standards for civil and military air traffic management (ATM). It provides protocol conversion for radio, phone and data, enables ATM-specific contingency scenarios using intelligent routing and optimises ATM applications used by civil and military air navigation service providers.

"ATM-grade network components such as the VCX-IP build the foundation for resilient air traffic management. With decades of experience in safety and mission critical communication, Frequentis is proud to have been chosen by TM to deliver this network solution for CAAM, as a critical part of its transformation programme.", says Hannu Juurakko, Frequentis Vice President ATM Civil.

The network, which covers the new ATCC, 19 peninsular radio sites and two radio sites in Borneo, connects to more than 300 ATC radios in a fully redundant networked system, and is expected to begin operational trials later this year.

About FREQUENTIS

Frequentis is an international supplier of communication and information systems for control centres with safety-critical tasks. These control centre solutions are developed and distributed by Frequentis in the business segments Air Traffic Management (civil and military air traffic control, and air defence) and Public Safety & Transport (police, fire and rescue services, emergency medical services, vessel traffic and railways). Frequentis maintains a worldwide network of subsidiaries and local representatives in more than fifty countries. The company's products and solutions are behind more than 25,000 operator positions in over 140 countries. With this extensive portfolio, Frequentis is the leading provider of voice communication systems... all making our world a safer place every day!

For more information, please visit www.frequentis.com

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