

FREQUENTIS AG: High-performance network solution for Brazilian air traffic control in operation

- **Delivery of a nationwide air traffic management network**
- **Software solution for an airspace twice the size of Europe**
- **Successful commissioning of the first CINDACTA region underlines Frequentis performance**

The Brazilian air traffic control authorities DECEA and CISCEA have been working with Frequentis AG (ISIN: ATFREQUENT09) to implement a nationwide network for air traffic control (ATC). The airspace of Brazil, the fifth largest state in the world in terms of area and population, is divided into four so-called CINDACTAS ("Centro Integrado de Defesa Aérea e Controle de Tráfego Aéreo").

The contract for a nationwide network for voice and data integration, based on the latest Frequentis IP technology, was awarded in 2014. Frequentis has worked closely with the customer to carry out extensive preliminary work in terms of the system design to overcome challenges and complexities and ensure a smooth transition to the new software solution. The first of the four planned integrated network control centres, CINDACTA III, has now been in operation for around five months. Prior to commissioning, a comprehensive test phase, carried out by CISCEA (the commission for the implementation of the Brazilian air traffic control system), has already gathered positive feedback from the operational experience.

The new network will enable the authorities to further enhance the reliability, resilience, and efficiency of nationwide air traffic control. This covers an area of 22 million km², which posed a particular challenge for the technical infrastructure. The commissioning of CINDACTA III (with its center in Recife, located in northeastern Brazil), is an important milestone for the further rollout.

"We are delighted about the excellent partnership between CISCEA and Frequentis, which made it possible to master the challenges of such a complex programme with a wide range of technologies and stakeholders", says Frequentis CEO Norbert Haslacher. "Brazil can be proud of its innovative strength with the introduction of a world-class ATM network. This infrastructure meets all future needs of Brazilian airspace in terms of capacity, safety, and efficiency".

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). As a global player, 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 over 30,000 operator working positions and in approximately 140 countries. Founded in 1947, Frequentis considers itself to be the global market leader in voice communication systems for air traffic control with a market share of around 30%. In addition, the Frequentis Group's AIM (aeronautical information management) and AMHS (aeronautical message handling) systems, as well as GSM-R systems for Public Transport are industry leading global solutions.

The shares of Frequentis AG are traded on the Vienna and Frankfurt Stock Exchange under the ticker symbol FQT (ISIN: ATFREQUENT09).

For more information, please visit www.frequentis.com

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About the Brazilian airspace / division into CINDACTAs

<https://en.wikipedia.org/wiki/CINDACTA>