

Kazakhstan enhances safety-critical communication and data exchange with FREQUENTIS vitalsphere™ network solution

Frequentis modernises Kazakhstan's ATM-grade communication network within the Almaty flight information region (FIR)

Frequentis VCX-IP network solution has been successfully installed in Kazakhstan, allowing the exchange of safety-critical communication and data to advance Almaty FIR to the next level. The project to modernise the country's safety-critical air traffic management (ATM) communication network, ensures a smooth and safe migration towards IP technology.

ATM-grade network components such as the VCX-IP build the foundation for resilient air traffic management. The Frequentis network solution enables the exchange of air/ground (A/G) and ground/ground (G/G) radar data over an IP backbone and has successfully demonstrated the suitability and benefits of the solution in dedicated on-site sessions.

VCX-IP provides a cost-efficient, step-wise migration path to manage the transition from legacy infrastructure to IP in the most efficient way. With the VCX-IP network solution numerous elements of the infrastructure are decoupled, making it possible to move towards an integrated IP network without affecting the existing radar, radio or communication infrastructure elements, in turn protecting existing investments.

“With decades of experience in safety-critical air traffic management network solutions, and successful operational installations on all continents, we always aim to deliver unique value and benefits to our customers. In this phase the network solution has been rolled out to 13 sites, fully handling the A/G, G/G communication as well as radar data distribution. We also thank the local prime in Kazakhstan, KAZAEROPROJECT, for excellent cooperation during the entire process.”, says Hannu Juurakko, Frequentis Vice President ATM Civil.

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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