
Florida's digital tower boosted by FREQUENTIS X10 implementation

- **Bartow Executive Airport gets fully integrated communications platform to support digital tower vision**
- **The fully IP-based X10 communication system enables seamless radio, telephony, and recording, enhancing safety, resilience, and controller efficiency**
- **X10 delivery was accelerated to fast-track digital tower testing in 2026 and U.S National Airspace System (NAS) modernisation**

The Frequentis digital tower solution, implemented into the newly renovated Digital Tower Operations Center at Bartow airport in summer 2025, required a future-ready communications solution designed specifically for digital operations. Frequentis was selected to deliver a fully digital communications platform to unify voice, recording, and terminal information including weather (ATIS) on one platform, to reduce complexity, modernise legacy infrastructure, increase resilience, and support the airport's long term innovation goals.

One of those goals is to create a Florida Centre of Excellence for emerging aviation technologies, which is why the airport elected to procure a new communication system for the Digital Tower Operations Center instead of relocating legacy technology. As an early digital tower adopter, Bartow will also provide valuable operational insight, helping to shape the future of the U.S. NAS.

"This project is about building a long-term platform for innovation. Establishing a fully integrated communications suite, made up of the Frequentis X10, GuardX recording solution, and smartATIS in our new Digital Tower Operations Center, provides us with a fully integrated digital tower solution for smooth and seamless operations. This also allows us to test, validate, and optimise emerging aviation technologies in a live environment," says John Helms, Executive Director Bartow Executive Airport.

The modern Digital Tower Operations Center will support higher reliability, operational safety, and improved controller efficiency. Its scalability will also provide a clear upgrade path and lifecycle solution to serve Bartow for years to come.

"Working with a partner like Bartow Executive Airport allows us to demonstrate the benefits of digital tower technology for aviation-grade resilience, safety, scalability, and efficiency as well as lay the foundation for digital tower operations in the U.S.," says Dieter Eier, President Frequentis USA.

About FREQUENTIS

Frequentis stands for a safer world. Our solutions are used in our customers' command and control centres to help them make the world safer.

Frequentis is a world leader in high-tech solutions for Air Traffic Management, supporting both civil and military air traffic control organisations, as well as Public Safety and Transport, where police, emergency rescue services, fire brigades, railways, coastguards, and port authorities rely on our extensive portfolio.

The listed family business based in Vienna, Austria, drives innovative and sustainable solutions for safety and security in everyday life and in the safety-critical sector. Its air traffic optimisation solutions for air traffic control centres are contributing to reducing emissions.

As a global player with more than 2,600 employees (full-time equivalents/FTE), Frequentis has a worldwide network of companies in over 50 countries. Its products, services, and solutions are used in around 150 countries. Shares in Frequentis are traded on the Vienna and Frankfurt stock exchanges; ISIN: ATFREQUENT09, WKN: A2PHG5. In 2025, revenues were around EUR 580 million and EBIT was around EUR 47 million (preliminary figures).

For more information, please visit www.frequentis.com

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