
Frequentis Orthogon and Micro Nav enhance air traffic control training and simulation with integrated tool

Frequentis Orthogon and Micro Nav have joined forces to offer the next generation of simulation controller working position (SimCWP) to increase the efficiency of air traffic controller (ATCO) training. It offers the highest flexibility in aligning with operational and contingency equipment for en-route and approach simulation.

SimCWP offers a flexible controller working position (CWP) for air traffic control (ATC) simulation and training. The state-of-the-art system allows a simulated CWP to closely mimic any operational CWP, allowing for more real-life training scenarios to be carried out and the opportunity to shorten the transition from initial training to operational duty.

The solution is based on Frequentis Orthogon's ODS™ Open Platform, designed to support human-machine interfaces for safety-critical applications. It allows SimCWP, driven by Micro Nav's state-of-the-art ATC simulator, BEST (Beginning to End for Simulation and Training) to efficiently adapt a CWP to mirror an operational CWP.

"Micro Nav and Frequentis are aligned in our vision for best-in-class solutions, whilst ensuring our customers enjoy a high return on investment and operational flexibility from the systems we deliver. Air Traffic Simulation has made a technology life cycle leap through our collaboration, and we are proud to be the ones driving our industry forward," says Greg Pile, Managing Director of Micro Nav.

Combining BEST and SimCWP offers increased efficiency in ATCO training by enabling the most reliable and exact training program. It also provides training of specific situations in a simulated environment, including congested air space or emergencies, which is of great value for operational preparedness. In addition, SimCWP allows new operational procedures or prototyping to be evaluated and tested for CWP visualisation and interaction capabilities.

"Frequentis Orthogon and Micro Nav share mutual values in providing the best possible solution to customers upon listening to their challenges and fully understanding their requirements. Our team of professionals with expertise in ATM and ATC simulation, and decades of experience, provides the next level in surveillance simulation," says Frank Köhne, Managing Director Frequentis Orthogon.

SimCWP will be available to view and trial during World ATM Congress in Madrid, 26-28 October 2021.

About Micro Nav

Micro Nav is the leading, award-winning specialist developer and supplier of air traffic control and air defence simulators and training systems, founded by two air traffic controllers in 1988.

Micro Nav has extensive experience in civil and military ATC, providing its BEST (Beginning to End for Simulation and Training) ATC simulator for aerodrome, en-route and approach controller simulation requirements, whether for testing, research, development, evaluation or training, as stand-alone unit or integrated with operational ATC equipment. All capabilities also available for Cloud-based remote working.

Silke Braham, Marketing and Events Manager, Micro Nav

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About FREQUENTIS Orthogon

Frequentis acquired Orthogon in 2021. The company was founded in 1987 and is headquartered in Bremen, Germany. The company specialises in traffic optimisation solutions, traffic flow management, and visualisation solutions for air traffic management (ATM), air traffic control (ATC), and airports. Its international customer base includes system integrators, air traffic control organisations, and airports.

For more information on Orthogon, please visit www.frequentis-orthogon.com

About FREQUENTIS

Frequentis, headquartered in Vienna, is a global 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 (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 40,000 operator working positions and in more than 150 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 dispatcher working positions for Public Transport are industry leading solutions.

The shares of Frequentis AG are traded on the Vienna and Frankfurt Stock Exchange under the ticker symbol FQT (ISIN: ATFREQUENT09). In 2020, the Frequentis Group generated revenues of EUR 299.4 million and EBIT of EUR 26.8 million. Following the transaction with L3Harris, the number of employees is around 2,100. For more information, please visit www.frequentis.com.

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