
FREQUENTIS to ensure greater airspace safety and capacity for EUROCONTROL MUAC fallback operations

- **Safety and airspace capacity will be enhanced at one of Europe’s busiest and most complex airspaces, the EUROCONTROL Maastricht Upper Area Control (MUAC) airspace**
- **Fallback Controller Working Position (FLB-CWP) is connected to the EUROCONTROL MUAC fallback Flight Data Processing System (FLB-FDPS), following Single European Sky open data interface principles**
- **Based on the Frequentis OneATM user interface framework ODS Open Platform, the CWP ensures resilient operations even at high traffic volumes**

EUROCONTROL MUAC, one of the Air Navigation Service Providers (ANSPs) of four EUROCONTROL member states – Belgium, Germany, Luxembourg, and the Netherlands –, selected Frequentis to provide its CWP as part of the MUAC fallback automation system. To ensure a high airspace capacity during fallback operations while maintaining safety levels, EUROCONTROL's primary CWP will be mirrored by the fallback system, enabling controller requirements to be met in a similar way.

“Frequentis offers a full set of market-leading products to cover all current and future ATM operational needs,” states Frank Köhne, Member of the Frequentis ATM Executive Board. “Frequentis and EUROCONTROL are connected by a long and consistent cooperation, and we are very proud to be providing them with a major solution at MUAC, one of Europe’s busiest and most complex airspaces. By uniting all Frequentis market-leading ATM technologies into one operational environment, the project is a prime example of the group’s OneATM approach.”

At MUAC, the Fallback-CWP will be connected via the OpenATM SWIM service to the fallback flight data processing (FDP) system. This approach decouples the ATM data service provider (ADSP) part - the fallback-FDPS – from the air traffic service units (ATSUs) – a Single European Sky (SES) requirement, enabling European ANSPs to move to an interoperable, cost-effective, and flexible service provision.

"The fallback solution provided by Frequentis will ensure that we maintain our airspace safety and capacity levels even in emergency situations, and also that we meet Single European Sky principles," says John Santurbano, Director of MUAC. "Frequentis is one of our trusted partners; we look forward to working with them on this upgrade of our fallback system."

As an integral part of the delivery, the Frequentis CWP software builds on the ODS Open Platform development environment, which enables expansion and prototyping by EUROCONTROL. Because the Human-Machine Interface will be similar, operational training efforts will be significantly reduced. Furthermore, the associated toolkit will feature automatic testing and code generation and, therefore, will require less maintenance.

About FREQUENTIS

Frequentis is a global supplier of communication and information systems for control centres with safety-critical tasks. The listed family company develops and markets its "control centre solutions" in the Air Traffic Management segment (civil and military air traffic control, air defence) and the Public Safety & Transport segment (police, fire brigades, emergency rescue services, railways, coastguards, port authorities). With a market share of 30%, Frequentis is the world market leader in voice communication systems for air traffic control. Frequentis is also the global leader in aeronautical information management and aeronautical message handling systems.

As a global player with around 2,200 employees (full-time equivalents/FTE), Frequentis has a global network of companies and representatives in more than 50 countries. Its head office is in Vienna, Austria. Frequentis' products, services, and solutions are used at more than 45,000 operator working positions in around 150 countries. Shares in Frequentis are traded on the Vienna and Frankfurt stock exchanges; ISIN: ATFREQUENT09, WKN: A2PHG5. In 2022, revenues were EUR 386.0 million and EBIT was EUR 25.0 million.

Wherever Frequentis' systems are used, safety-critical operators bear responsibility for the safety of other people and goods. The company also works towards a more sustainable future through its air traffic optimisation solutions.

For more information, please visit www.frequentis.com

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