
FREQUENTIS drone-based CBRN detection system advances European defence

- **Frequentis Group is developing an advanced chemical, biological, radiological, and nuclear (CBRN) reconnaissance system for the European Defence Agency**
- **This is on behalf of selected Ministries of Defence of EU member states and in the context of EDIDP (European Defence Industrial Development Programme) - CBRN-RSS project, co-funded by the European Union**
- **Sensor and uncrewed systems data will speed up analysis, revolutionising CBRN defence, and cutting response times.**

In a landmark achievement to strengthen European security, CNS Solutions & Support, as a member of the Frequentis Group, has announced the completion of the CBRN Reconnaissance and Surveillance System (RSS).

In response to evolving threats, the Frequentis Group has developed an innovative data fusion cell (DFC) to integrate sensor and uncrewed systems data, through its incident crisis management (ICM) technology. The DFC serves as a centralised hub, seamlessly integrating information from various sources including sensors and drones, therefore enabling comprehensive analysis and rapid decision-making.

"Our DFC has transformed CBRN defence in Europe, empowering military personnel with real-time intelligence to respond swiftly and effectively to emerging threats," Peter Skiczuk, Frequentis Vice President Defence.

"CNS is dedicated to enhancing CBRN defence technologies. Future phases will focus on readiness for full military deployment, ensuring continued security for European nations, says Stefan Ringsmuth, Managing Director of CNS Solutions & Support GmbH."

The adoption of state-of-the-art technologies, including drones equipped with sensors and uncrewed robotic vehicles heralds a new era in CBRN defence. These uncrewed assets swiftly detect and assess hazardous substances, mitigating risks to human personnel. By leveraging data fusion and real-time analysis, commanders gain critical insights to make informed decisions, ensuring the safety of both military personnel and civilians.

"Normally, it would take us two hours to achieve this result. With the use of these modern technologies, we can reduce this time to 40 to 45 minutes, and we don't have to bring soldiers directly to the source of danger, as this is taken over by robots and drones," says Colonel Schlechter, Commander of the CBRN Defence Center/Austria (ÖBH).

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 49,000 operator working positions in around 150 countries. Shares in Frequentis are traded on the Vienna and Frankfurt stock exchanges; ISIN: ATFREQUENT09, WKN: A2PHG5. In 2023, revenues were EUR 427.5 million and EBIT was EUR 26.6 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

Barbara Fürchtegott, Head of Communications/Company Spokesperson
barbara.fuerchtegott@frequentis.com, +43 1 81150-4631

Stefan Marin, Head of Investor Relations
stefan.marin@frequentis.com, +43 1 81150-1074

This project has received funding from the European Defence Industrial Development Programme (EDIDP) under grant agreement NoEDIDP-CBRN-DEWS-2020-068-CBRN-RSS.

The statements reflect only the author's view and the Commission is not responsible for any use that may be made of the information it contains.



**Co-funded by
the European Union**