
UK skies protected by C4i Pty Ltd secure voice communication system

C4i Pty Ltd, a Melbourne-based secure voice communications company, has provided its VOICE C2 voice over IP (VoIP) communication system (VCS) for the Ministry of Defence (MoD) Guardian project, providing the UK's new Air Command and Control System. C4i Pty Ltd, a member of the Frequentis Group since 2021, is subcontractor to IBM. IBM Consulting in the UK are the Prime contractor that is leading the program to develop and install the replacement system

[The Guardian project](#) is replacing current systems at RAF bases in the UK with new technology allowing the RAF to enhance its air situation picture in support of continued early detection and rapid response of suspected aircraft threats. Replacing the existing Royal Air Force (RAF) VCS with the new VOIP based system from C4i provides enhanced flexibility, capability and security, as well as reducing overall life cycle costs.

The new system, already in [full time operations at RAF Boulmer](#), will connect the UK's defence radars and radio network, as well as delivering new capabilities to improve communication and interoperability between UK, NATO and coalition aircraft, which is essential to the protection of the UK's skies.

“The installation of the UK's new air command and control system at Boulmer is the first step in this project to deliver enhanced capability to deal with the increased demands of UK airspace and essential surveillance of its skies, supporting the MoD and NATO tasks. We are pleased to be providing the essential communications for the defence of the UK, supporting the transition to digital technologies to support future capabilities,” says Darren Gardner, Managing Director C4i Pty.

Installations for other vital parts of the voice control system are continuing in other locations throughout the UK.

VOICE C2 is an advanced IP communications system based on simplified hardware and software components that, when combined, deliver a sophisticated communications platform. The system provides users with the ability to access and control radio, telephony, intercoms and paging systems using a single intuitive GUI. It enables customers to operate securely and seamlessly across multiple security enclaves while maintaining isolation as required.

Specifically designed for fixed and deployable air defence environments, VOICE C2 Red/Black platform is operationally proven and purpose-built, it is in active use around the world including for Australian defence forces and the US Department of Defense (USAF, US Army, US Marine Corps).

With integrated Classified and Unclassified modes of operation, the system provides operators with internal and external communication and conferencing capabilities via a range of air and ground-based communication networks. Operators have simultaneous access to Red and Black Air/Ground and Ground/Ground communication channels from a single console.

About C4i Pty Ltd

In 2021 C4i became a member of the Frequentis Group, a global supplier of communication and information systems for control centres with safety-critical tasks. C4i is responsible for the VOICE C2 mission-critical Voice Communication Systems product range. Since 1989, C4i has led advancements in secure communications for the world's most demanding mission-critical environments. C4i's interoperable communications solutions are used by defence, governments and industry in more than 35 countries. C4i products enable rapid response times, interoperability and flexible asset utilisation, and provide customers with ongoing cyber security protection.

For more information on C4i, please visit <http://www.c4i.com/>

About FREQUENTIS

Frequentis is a global supplier of communication and information systems for control centres with safety-critical tasks. The listed family-run 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, shipping, railways). 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 about 2,150 employees, Frequentis has a global network of companies in more than 50 countries. Its head office is in Vienna, Austria. Frequentis' products, services, and solutions are used at more than 40,000 operator working positions in around 150 countries. Shares in Frequentis are traded on the Vienna and Frankfurt stock exchanges; ISIN: ATFREQUENT09, WKN: A2PHG5. In 2021, revenues were EUR 333.5 million and EBIT was EUR 29.0 million.

Wherever Frequentis' systems are used, safety-critical operators can confidently 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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