

Arqit selected by DCMS for 5G project to provide security by default

- ***Arqit to help integrate a novel quantum encryption service for a project in partnership with DCMS, which will enable security by default.***
- ***This will secure communications links of any network device against current and future forms of attack – even from a quantum computer.***

London, UK – 26 January 2022 – Arqit Quantum Inc (“Arqit”), a global leader in quantum encryption technology, is pleased to announce that a project with the company’s involvement has been selected by DCMS to develop a wideband solution for 5G cellular Open RAN platforms.

Funded as part of the Department for Digital, Culture, Media, and Sport (DCMS) and the Future RAN Competition (FRANC), the project, in which Arqit is a partner, aims to democratise radio access networks (RANs) in order to end vendor lock-in and improve flexibility, affordability, and interoperability – all key to the UK Government’s recently-announced plan to see 35 per cent of UK cellular traffic carried over Open RAN architectures by 2030.

The project will see Arqit, working alongside other partners to secure a new wideband solution for 5G cellular Open RAN platforms.

The project will see Arqit incorporate its QuantumCloud™ platform. This will enable security by design, making the security of 5G unbreakable even by a quantum computer.

Arqit Founder, Chairman and CEO, David Williams, added: “We are delighted that Arqit has been chosen as a partner on DCMS’ FRANC project. This project will benefit from Arqit’s globally unique, transformational quantum safe encryption, which will be a major step in securing the wider network and its devices.’

Additional information on the FRANC grant awardees is available on [GOV.UK](https://www.gov.uk).

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About Arqit

Arqit supplies a unique quantum encryption Platform-as-a-Service which makes the communications links of any networked device secure against current and future forms of attack – even from a quantum computer. Arqit's product, QuantumCloud™, enables any device to download a lightweight software agent, which can create encryption keys in partnership with any other device. The keys are computationally secure, optionally one-time use and zero trust. QuantumCloud™ can create limitless volumes of keys in limitless group sizes and can regulate the secure entrance and exit of a device in a group. The addressable market for QuantumCloud™ is every connected device.

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