UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2021

Commission File Number: 001-40777

ARQIT QUANTUM INC.

(Exact name of registrant as specified in its charter)

1st Floor, 3 More London Riverside
London SE1 2RE, United Kingdom
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F ☒ Form 40-F ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):☐

EXPLANATORY NOTE

Arqit Quantum Inc. furnishes an investor presentation under the cover of Form 6-K as Exhibit 99.1 (the "Investor Presentation"), which is incorporated by reference herein. The Investor Presentation is to be used in connection with investor meetings.

The information furnished in this Report on Form 6-K, including the information contained in Exhibit 99.1, shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, and shall not be deemed to be incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by a specific reference in such filing.

EXHIBIT INDEX

Exhibit No.	Description
99.1	Investor Presentation.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ARQIT QUANTUM INC.

By: /s/ David Williams
Name: David Williams
Title: Chief Executive Officer

Date: September 8, 2021

ARQIT

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This communication includes forward-looking statements. These forward-looking statements are based on Arqit's expectations and beliefs concerning future events and involve risks and uncertainties that may cause actual results to differ materially from current expectations. These factors are difficult to predict accurately and may be beyond Arqit's control. Forward-looking statements in this communication or elsewhere speak only as of the date made. New uncertainties and risks arise from time to time, and it is impossible for Arqit to predict these events or how they may affect it. Except as required by law, Arqit does not have any duty to, and does not intend to, update or revise the forward-looking statements in this communication or elsewhere after the date this communication is issued. In light of these risks and uncertainties, investors should keep in mind that results, events or developments discussed in any forward-looking statement made in this communication may not occur. Uncertainties and risk factors that could affect Arqit's future performance and cause results to differ from the forward-looking statements in this release include, but are not limited to: (i) risks that the business combination disrupts Arqit's current plans and operations, (ii) the outcome of any legal proceedings that may be instituted against the Arqit related to the business combination, (iii) the ability to maintain the listing of Arqit's securities on a national securities exchange, (iv) changes in the competitive and regulated industries in which Arqit operates, variations in operating performance across competitors, changes in laws and regulations affecting Arqit's business and changes in the combined capital structure, (v) the ability to implement business plans, forecasts, and other expectations after the completion of the business combination, and identify and realize additional opportunities, (vi) the potential inability of Arqit to convert its pipeline or orders in backlog into revenue, (vii) the potential inability of Arqit to successfully deliver its operational technology which is still in development, (viii) the risk of interruption or failure of Arqit's information technology and communications system and (ix) the enforceability of Arqit's intellectual property.

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In this presentation, Arqit relies on and refers to publicly available information and statistics regarding market participants in the sectors in which Arqit competes and other industry data. Any comparison of Arqit to the industry or to any of its competitors is based on this publicly available information and statistics and such comparisons assume the reliability of the information available to Arqit. Arqit obtained this information and these statistics from third-party sources, including reports by market research firms and company filings. While Arqit believes such third-party information is reliable, there can be no assurance as to the accuracy or completeness of the indicated information. Arqit has not independently verified the information provided by the third-party sources.

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Use of Projections

This presentation also contains certain financial forecasts, including projected revenue, gross profit, EBITDA and unlevered free cash flow ("uFCF") for Arqit's fiscal years 2021 through 2025. Arqit's independent auditors have not audited, reviewed, compiled or performed any procedures with respect to the projections for the purpose of their inclusion in this presentation, and accordingly, they have not expressed an opinion or provided any other form of assurance with respect thereto for the purpose of this presentation. These projections are for illustrative purposes only and should not be relied upon as being necessarily indicative of future results. In this presentation, certain of the above-mentioned projected information has been provided for purposes of providing comparisons with historical data. The assumptions and estimates underlying the prospective financial information are inherently uncertain and are subject to a wide variety of significant business, economic and competitive risks and uncertainties that could cause actual results to differ materially from those contained in the prospective financial information. Projections are inherently uncertain due to a number of factors outside of Arqit's control. Additionally, the projections are based on current business plans and if new business plans are developed and/or implemented there is no assurance that the projections presented herein will be applicable. Accordingly, there can be no assurance that the prospective results are indicative of Arqit's future performance or that actual results will not differ materially from those presented in the prospective financial information. Inclusion of the prospective financial information in this presentation should not be regarded as a representation by any person that the results contained in the prospective financial information will be achieved.

Use of Non-GAAP Financial Measures

This presentation includes certain projections of non-GAAP financial measures, such as EBITDA (and related measures), and certain ratios and other metrics derived therefrom. Arqit believes that these non-GAAP measures are useful to investors for two principal reasons: 1) these measures may assist investors in comparing performance over various reporting periods on a consistent basis by removing from operating results the impact of items that do not reflect core operating performance and 2) these measures are used by Arqit's management and board of directors to assess its performance and may (subject to the limitations described below) enable investors to compare the performance of Arqit and the combined company to its competition. Arqit believes that the use of these non-GAAP financial measures provides an additional tool for investors to use in evaluating ongoing operating results and trends. These non-GAAP financial measures are not measures of financial performance in accordance with GAAP and may exclude items that are significant in understanding and assessing Arqit's financial results. Therefore, these non-GAAP measures should not be considered in isolation from, or as an alternative to, financial measures determined in accordance with GAAP. Due to the forward-looking nature of these non-GAAP financial measures, a reconciliation of non-GAAP financial measures in this presentation to the most directly comparable GAAP financial measures is not included, because, without unreasonable effort, Arqit is unable to predict with reasonable certainty the amount or timing of non-GAAP adjustments that are used to calculate these forward-looking non-GAAP financial measures. The non-GAAP financial measures included in this presentation may not be comparable to similarly-titled measures presented by other companies. Certain monetary amounts, percentages and other figures included in this presentation have been subject to rounding adjustments. Certain other amounts that appear in this presentation may not sum due to rounding.

Vision

Our mission is to use our world leading quantum encryption platform to keep safe the data of our governments, enterprises and citizens.

Arqit's quantum tech stack allows lightweight end point software to create encryption keys which are computationally secure, zero trust and one time in infinite numbers and infinite group sizes. We already taking the software to market at pace.

Problem: legacy encryption is obsolete

- PKI was designed decades ago
- It was never intended to protect our hyper connected world
- It has many vulnerabilities in its implementation for attackers to exploit
- Quantum computers will soon compromise the mathematics at the heart of PKI
- The world is being urged to create and adopt new protections
- The efforts to make PKI more resistant to quantum attack are temporary, and pose grave problems in usability

"We need to determine where, why, and with what priority vulnerable public-key algorithms will need to be replaced, and we need to understand the constraints that apply to specific use cases. These initial steps in developing and implementing algorithm migration playbooks can and should begin immediately."

National Institute of Science and Technology, U.S. Department of Commerce, April 28th 2021

Solution: A new way to distribute symmetric encryption keys

Symmetric keys are the solution

Long random number cannot be broken by computers
Used with physical couriers for decades
Previously not possible to distribute them electronically with adequate security

Arqit transformational innovation

A completely new way to create and distribute unbreakable symmetric keys
1,435 patent claims filed

Simple to implement

The keys are used in a global standard algorithm that is already widely used called AES256

Suitable for hyper scale

Software, fulfilled from the cloud, automatically creates keys in infinite volumes at minimal cost.
Solves the problem for every connected device in the world

Transatlantic leadership in cloud encryption

David Williams
CEO & Founder

Former CEO & Co-Founder, Avanti plc. TMT Banker. Queens Award for Exports 2016

David Bestwick
CTO & Founder

Former CTO, Avanti plc. Marconi engineer. Astrophysicist. Royal Aeronautical Society medal winner

Nick Pointon
CFO

Former CFO, Privitar. Ex VP Finance, King Digital. KPMG ACA

Air Vice Marshal Rocky Rochelle CB
COO

Air Vice Marshal RAF Capability, highly decorated aviator & military leader

Dr Daniel Shiu
Chief Cryptographer

Former Head of Mathematics & National Technical Authority for Cryptographic Design & Quantum Information Processing, GCHQ

Dr Geoffrey Taylor, CB
Co-Founder, Adviser

Formerly 22 Years a Main Board Director at GCHQ. PhD in Quantum Molecular Dynamics

Daryl Burns
Inventor, Consultant

Former Chief of Research and Innovation, GCHQ and the Deputy Chief Scientific Advisor for National Security

Sir Iain Lobban
Adviser

Former Chief Executive, GCHQ

Dr Taher Elgamal
Adviser, Investor

Inventor of SSL, Security CTO Sales Force, Operating Partner, Evolution Equity Partners

Gen Seve Wilson
Director

Former four-star Vice Chief of Staff of the US Air Force. Retired 2020

General VeraLinn Jamieson
Director

Former Deputy Chief of Staff for Intelligence, Surveillance, Reconnaissance, and Cyber Effects Operations, U.S. Air Force

David Webb
Chief Engineer

Former Engineering Director, McAfee UK Enterprise Data Protection

Dr Alison Vincent
Adviser

Former Group CISO, HSBC & CTO, Cisco. PhD Cryptography. Fellow Royal Academy of Engineering

Dr Barry Childe
Chief Innovation officer

44 years' experience since winning the IBM prize aged 13 specialising in High Performance Computing

Paul Feenan
Chief Revenue Officer

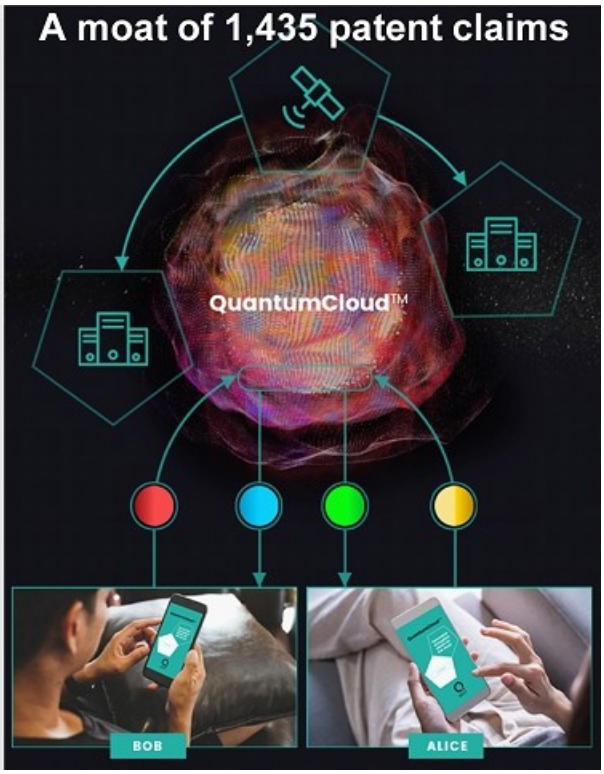
Former Director, Jumo World and Avanti Government Services. British Army Officer who led the UK's Counter Terrorism Planning for 2012 Olympic Games

Stephen Holmes
Chief Product Officer

Formerly of IBM and Hewlett Packard. PhD in Post Quantum Cryptography

What does the product do?

- Quantum satellites will put the root source of symmetric key data into global data centres to form the QuantumCloud™
- In our network today, the role of satellites is emulated in data centres, which is very secure. But, targeted for 2023, we intend to launch two quantum satellites and for the network to become fully quantum safe end to end
- Devices like phones, servers or cars want to communicate together
- They both send information about their own key to the QuantumCloud™
- That information is transformed and returned to both
- The devices can now create a NEW shared symmetric key
- They use that key inside an AES256 algorithm to securely share information over the internet
- These keys are computationally secure and can never be known by a third party



What are Customers Saying ?

"Arqit is paving the way in developing a new generation of quantum technologies that defend against sophisticated cyber-attacks on national governments".
- UK Government Minister for Science, Amanda Solloway MP

" We are proud to be providing this technology to UK customers, which will bolster our industry-leading security capabilities."
- Howard Watson, Chief Technology Officer of BT

"an opportunity to contribute enhancement of cyber security capabilities for the important benefit of Japanese governments, enterprises and citizens."
- Eiji Ishida, Executive Officer and General Manager, Sumitomo Corporation

"With the support of the Canadian government, we have been pleased to be associated with Arqit's commercial mission … which will further the collective security goals of the 'Five Eyes' community of nations".
Marina Mississian, Senior Director Honeywell

"Arqit ... a key element of Leonardo's strategy to establish and deliver next generation systems to our customers enabling effective and secure multi-domain operations including in the cyber and space domains".
- Norman Bone, Chair and Managing Director, Leonardo UK

"Leveraging our U.S. expertise related to market access for quantum encryption technology has the potential to add significant value to our customer solutions."
Nick Chaffey, Chief Executive of Northrop Grumman UK, Europe and Middle East

".. a ground-breaking approach to legal innovation that has given us an opportunity to shape the next generation of KYC and compliance software."
Dr Justin Hill, Partner at Dentons

Commercial strategy - scalable business model

Product
- Software is downloaded by customers and used automatically
- Software API calls for keys to be created when needed, which triggers billing

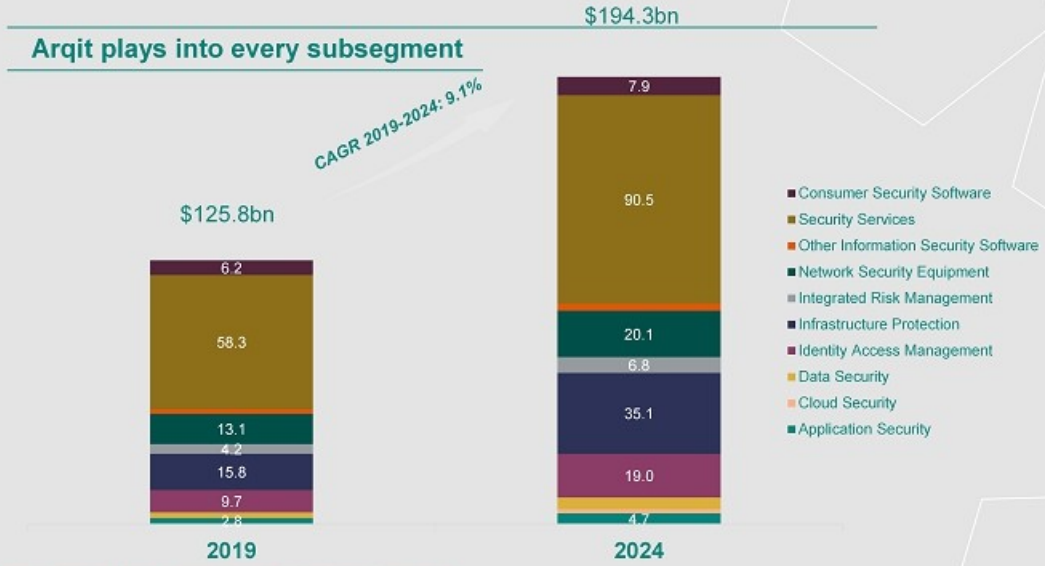
Distribution
- Channel partners resell the service – strategy to get early traction
- Any customer globally can buy direct and use in the cloud. A web fulfilled hyperscale strategy

Customers
- Initial focus on Defence, Telecoms, Financial Services, Automation
- Ultimately every global device is a target - smart phone, IoT sensor, car, plane, cloud machine.

Pricing
- Service price based on metered API calls for key creation
- Defence customers buy a private instance service for fixed price per annum

Cost structure and margin profile
- Low variable cost
- Low capex – two satellites will deliver 2 quadrillion keys per annum

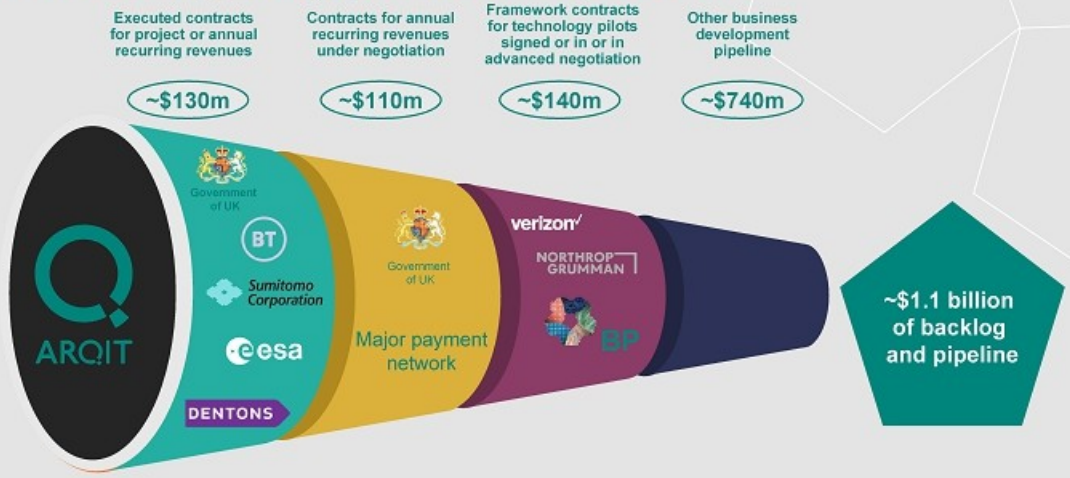
Large and growing information security and risk management market



Note: Calculations performed by Arqit Limited, charts/graphics created by Arqit Limited based on Gartner research.

Source: Gartner, Inc. Forecast: Total Global Information Security and Risk Management End User Spending by Subsegment, Billions of US Dollars, 2019-2024 (Information Security and Risk Management, Worldwide, 2018-2024, 4Q20 Update), Krishnendu Bal, Rustam Malik, Christian Canales, Ruggero Contu, Lawrence Pingree, Elizabeth Kim, John A. Wheeler, Mark Driver, Nat Smith, Sunil Rakheja, 22 Dec 2020. All statements in this report attributable to Gartner represent Arqit Limited's interpretation of data, research opinion or viewpoints published as part of a syndicated subscription service by Gartner, Inc., and have not been reviewed by Gartner. Each Gartner publication speaks as of its original publication date (and not as of the date of this [presentation/report]). The opinions expressed in Gartner publications are not representations of fact and are subject to change without notice.

Material backlog and pipeline already secured

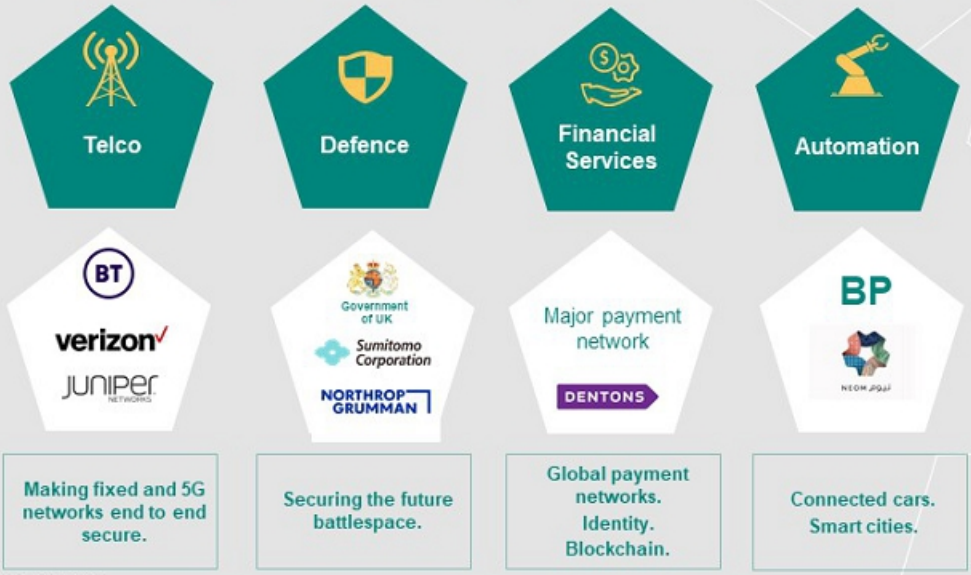


Represents a very small proportion of the target market for the Platform-as-a-Service, but provides a good start

Note: These projections are for illustrative purposes only and should not be relied upon as being necessarily indicative of future results. Terms for contracts under negotiation are subject to modification or may not be finalised. Backlog and pipeline reflects both existing contractual commitments, as well as initial revenue indications from potential customers that have not been contractually committed. Actual sales may differ materially from projected volume.

Early distribution strategy backed by blue-chip partners

Tech applies to every vertical in the World, but early Customers secured in key vertical markets



Note: Existing customers and contracts under negotiation

Monetisation

There are three different ways for customers to pay Arqit for the QuantumCloud™ :

- A channel partner (like a national telco) sells to large enterprises and government departments and pays Arqit net of its margin – operating now
- A defence customer buys a "private instance" from Arqit directly – operating now
- A SME buys in the cloud from Arqit directly – cloud fulfilment strategy for Q4 2021

Typical Customer 1 – The Channel Partner

Distributors deliver early go-to-market wins

- Distributors want early exclusive advantage
- We offer quasi territorial or sectoral exclusivity
- In return, a binding revenue commitment over five years
- When they sell more than the minimum they pay more
- They are obliged to sell to sub-distributors
- We retain right to sell direct

Value proposition

- We publish a retail price
- The distributor pays 60% of retail
- Targeting a master distributor in each major target economy

Conclusions

- Two blue chips signed this deal already and have begun the distribution process
- Minimum revenue targets are not challenging
- Telcos will *also* consume the QuantumCloud™ inside their own network
- Material upside in this strategy

Typical Distributor Revenue Commitment & End Customers Required to Fill It

	A Typical Minimum Revenue Commitment (US$)	# of Enterprise Customers Required to Fill Commitment
Year 1	$0.7m	1.6
Year 2	$2.2m	5
Year 3	$6.9m	14
Year 4	$13.1m	23
Year 5	$20.9m	34

Assumptions
£500 per End Point per Annum, Average Number of End Points: 1.2k
40% Wholesale Discount

A typical Tier 2 telco will have approximately 1 million enterprise & public sector customers

Signing 34 enterprise customers in 5 years is a trivial <1% of a Tier 2 telco's typical customer base

Note: This example is for illustrative purposes only and should not be relied upon as being necessarily indicative of future results. Terms for contracts under negotiation are subject to modification or may not be finalised. Actual sales may differ materially from projected volume.

Typical Customer 2 – Private Instance

Identifying major revenue sources early on

- Defence users are early adopters
- There is currently NO COMPETITOR to match Arqit
- Governments WANT the Arqit tech
- BUT they want a private instance
  - They want to control physical security of infra from kinetic attack
- So we created FQS which gives them all that PLUS more
- A turnkey platform including satellite, optical ground receivers, QuantumCloud™ software
- Commissioning support and training and 2nd line support
- Interoperability with and back up from other allied FQS customers

- One FQS private instance is expected to deliver minimum $19m net revenue per annum
- Revenues scale as usage requires more satellites
- We initially target 30 NATO allied countries

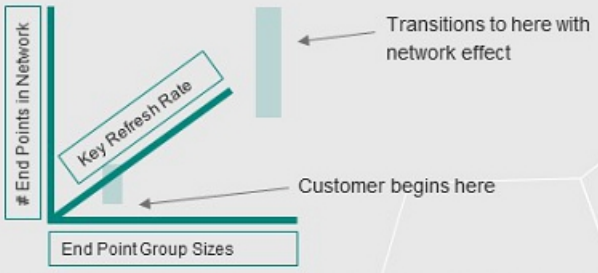
Note: This example is for illustrative purposes only and should not be relied upon as being necessarily indicative of future results. Terms for contracts under negotiation are subject to modification or may not be finalised. Actual sales may differ materially from projected volume.

Typical Customer 3 – Cloud Delivered Enterprise

Scaling the business through global SME adoption

- Initial marketing focussed on MDAs and Government
- The Cloud delivered version of QuanutmCloud™ will be launched in 2022, meaning:
  - Customer validation done on line
  - Contract signature and payment online
  - All software and support delivered online
- Entry level services for paired devices and low key refresh rate can be as little as $25 per month

- Pricing is determined by a three dimensional grid
- As devices connect to more devices, network size grows and key refresh rate increases.
- The network effect takes revenue per customer up at an equivalent rate



Note: This example is for illustrative purposes only and should not be relied upon as being necessarily indicative of future results. Terms for contracts under negotiation are subject to modification or may not be finalised. Actual sales may differ materially from projected volume.

Financial projections highlights

Dec-YE, $m	2021E	2022E	2023E	2024E	2025E
QuantumCloud™	4	16	148	400	660
Project revenues	11	16	5	2	-
Total revenue	**14**	**32**	**153**	**402**	**660**
% growth		*125%*	*371%*	*163%*	*64%*
Total COGS	(5)	(9)	(13)	(23)	(51)
Gross profit	**10**	**24**	**140**	**378**	**609**
% margin	*66%*	*72%*	*91%*	*94%*	*92%*
(-) R&D expense	(4)	(5)	(21)	(28)	(37)
(-) Sales & Marketing expense	(6)	(9)	(22)	(44)	(73)
(-) G&A expense	(5)	(7)	(15)	(18)	(22)
EBITDA	**(6)**	**3**	**82**	**288**	**477**
% margin	*(39%)*	*9%*	*53%*	*72%*	*72%*
(-) CapEx[a]	(26)	(24)	(21)	(1)	1
(-) Change in NWC	7	-	-	-	-
(-) Tax expense	-	-	-	(64)	(111)
uFCF	**(25)**	**(21)**	**60**	**223**	**367**
% revenue	*n/m*	*n/m*	*39%*	*55%*	*56%*
% cash conversion	*n/m*	*n/m*	*74%*	*77%*	*77%*

Note: Metrics that are considered non-GAAP financial measures are presented on a non-GAAP basis without reconciliation of such forward-looking non-GAAP measures. For more information around non-GAAP financial measures, see slide 3. These projections are for illustrative purposes only and should not be relied upon as being necessarily indicative of future results.
(a) Currently includes R&D contract revenues, subject to future contract terminology these projects may be accounted for as "Grants" or as credits to capex

Transaction – NASDAQ: ARQQ

Arqit Quantum Inc. was admitted to NASDAQ on September 7th following a business combination with Centricus Acquisition Corp

Gross proceeds were $115m, Net $96m

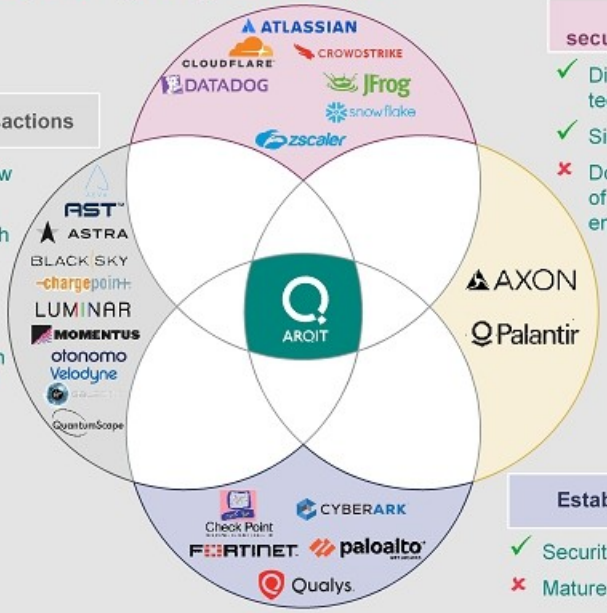
Approximately double the funding requirement of the Arqit business plan was covered, delivering significant headroom

Capitalisation		
Ordinary shares in issue*	110.1	81.9%
ESOP	8.5	7.0%
Warrants	14.9	11.1%
Total	**133.5**	**100%**

Ownership	Amount	%
Arqit Founders*	88.2	80.1%
Public and PIPE Investors	21.9	19.9%
Total	**110.1**	**100%**

Excludes 10 million shares in deferred consideration conditional on share price exceeding $12.50 per share for any 20 days during a consecutive 30 day trading period within three years from closing

Defining the peer group for Arqit



Recent SPAC transactions

- ✓ First movers in new categories
- ✓ Similar high growth profile
- ✗ Capital intensive unlike Arqit
- ✗ Not as profitable in near term as Arqit

High growth security and infrastructure

- ✓ Disruptive platform and technology
- ✓ Similar growth profile
- ✗ Do not own a combination of critical infrastructure and end point security as Arqit

Government tech

- ✓ Similar end customers i.e. government
- ✗ Higher proportion of hardware (for AXON)

Established security

- ✓ Security software end market
- ✗ Mature / relatively low growth

Highly Attractive Investment Case

Product solves an existential threat to the entire digital world
Arqit can stop the cyber attacks crippling infrastructure and services

Product LIVE and for sale today
QuantumCloud™ V1.0 released July

Strong customer base
$130m in contracts already from blue chip enterprise and government customers and $1.1bn+ pipeline

Hyperscale revenue growth
A cloud delivered model allows vast TAM to be penetrated quickly

Globally unique and highly protected technology
Arqit is four years ahead of RoW, with a Patent Moat of 1435 patent claims

World leading management team
Vast experience of leadership in Tech, Defence and Intelligence

High EBITDA margins
Minimal operating expenses and operational leverage expected to result in c.70% margins

Note: Metrics that are considered non-GAAP financial measures are presented on a non-GAAP basis without reconciliation of such forward-looking non-GAAP measures. For more information around non-GAAP financial measures, see slide 3; These projections are for illustrative purposes only and should not be relied upon as being necessarily indicative of future results; Backlog and pipeline reflects both existing contractual commitments, as well as initial revenue indications from potential customers that have not been contractually committed. Actual sales may differ materially from projected volume.

ARQIT
Thank you