



SuperQ Quantum Computing Inc.

(CSE: QBTQ | Frankfurt: 25X | OTC: QBTQF)

The Gateway to Commercial Quantum Computing

August, 2025

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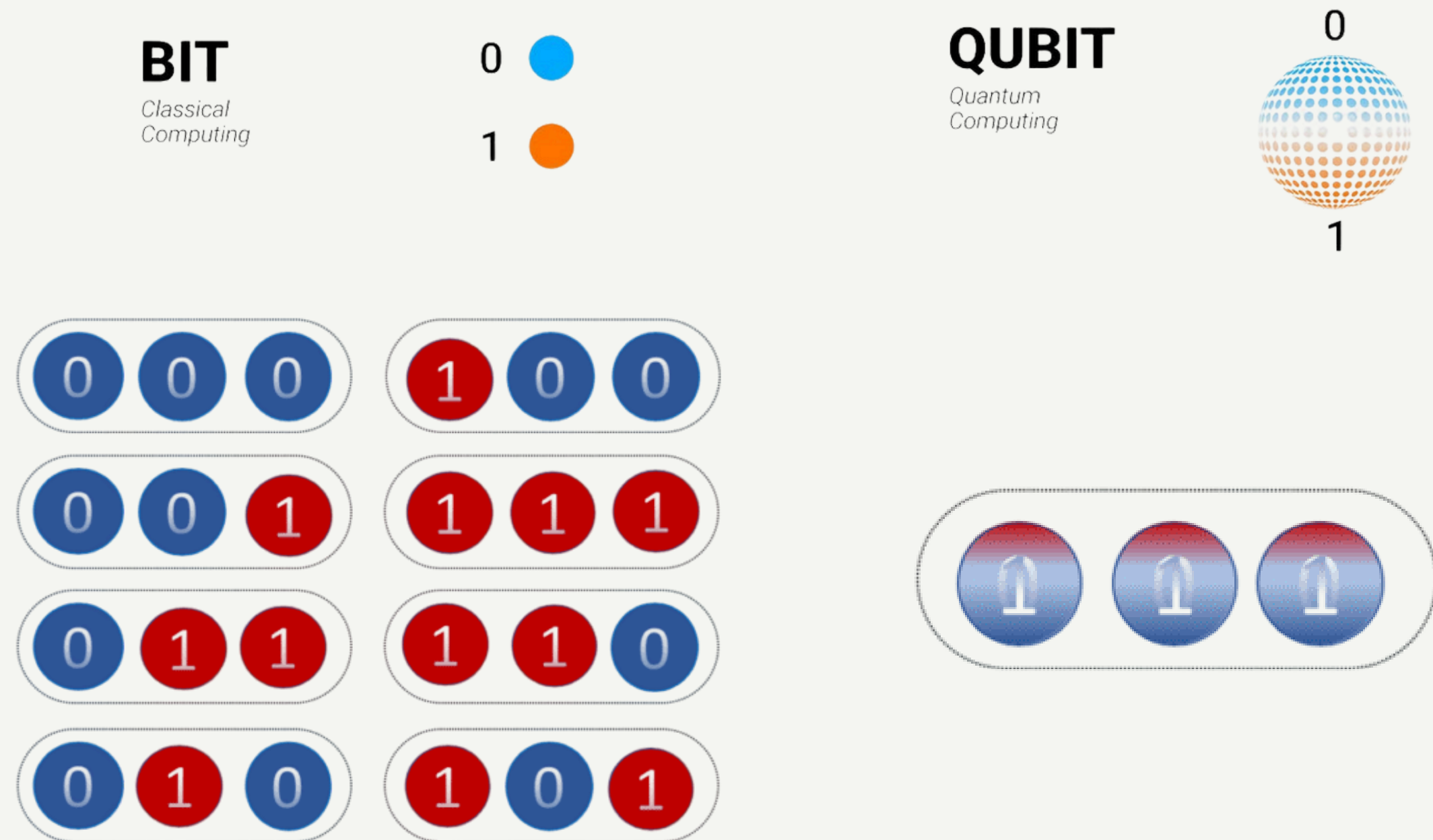
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What is Quantum Computing

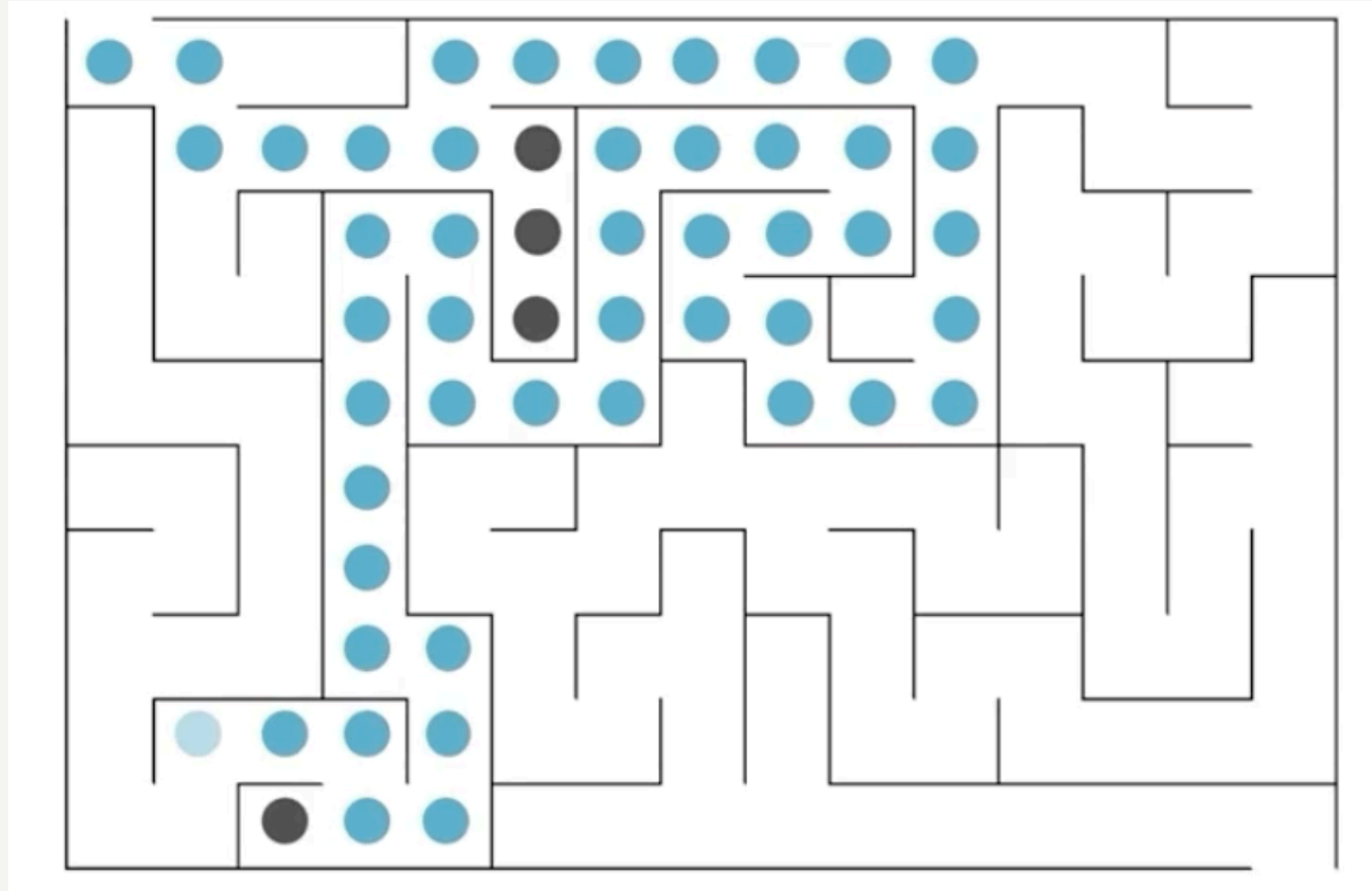
Quantum computing is a type of computation that uses quantum mechanics principles to process information. Unlike classical computers, which use bits as the smallest unit of data, quantum computers use quantum bits, or qubits. Qubits can exist in multiple states simultaneously, enabling quantum computers to solve complex problems much faster than classical computers.

Supercomputing combines quantum computing with classical GPU based high-performance computing to create business value.

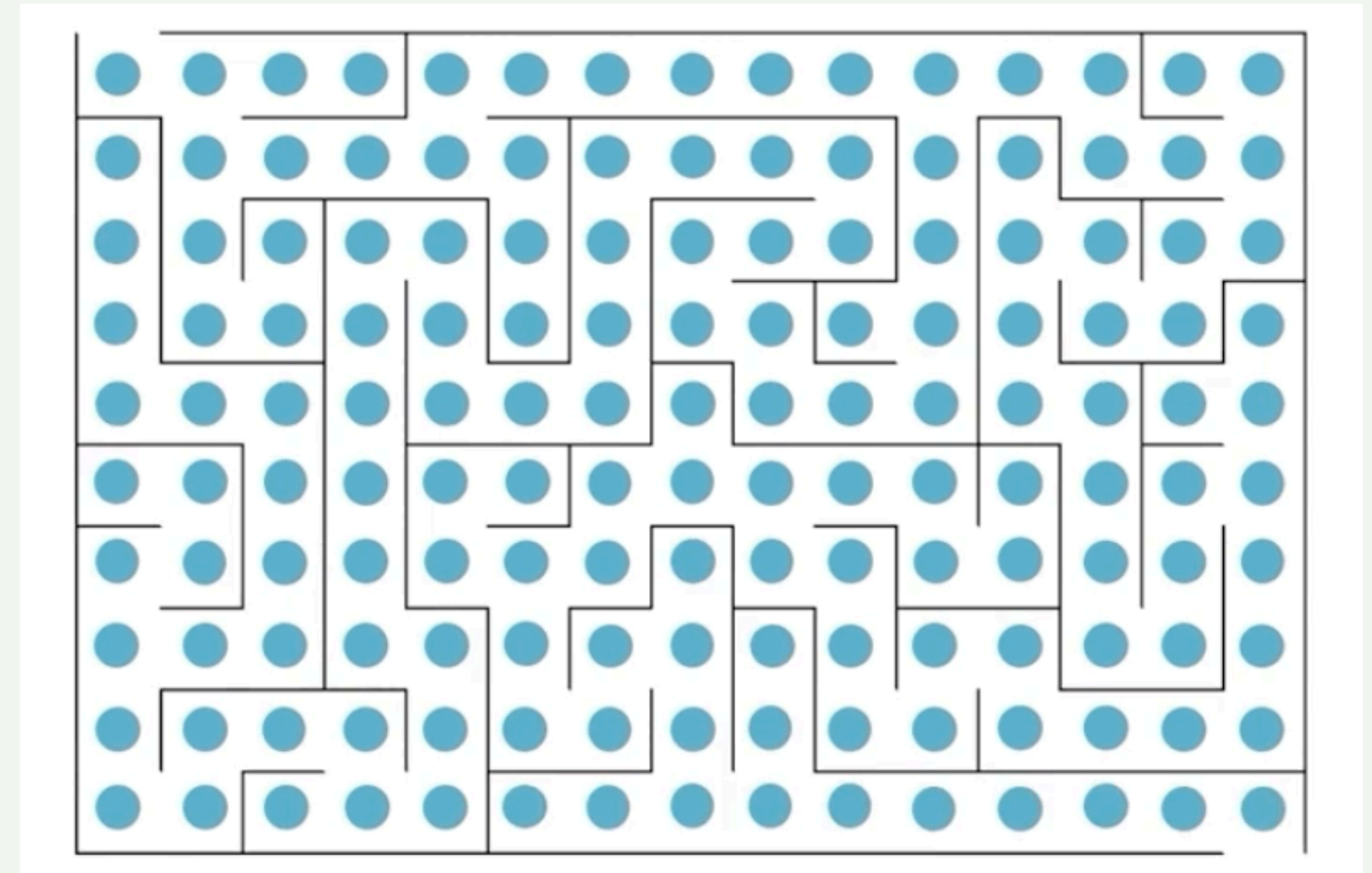


3 bits can only process 1 out of 8 possible states at a time
3 qubits can capture all 8 states at once

What is **Quantum Computing**



Traditional computing tries one path at a time



Quantum computing tries ALL the paths at once

Why Quantum Today

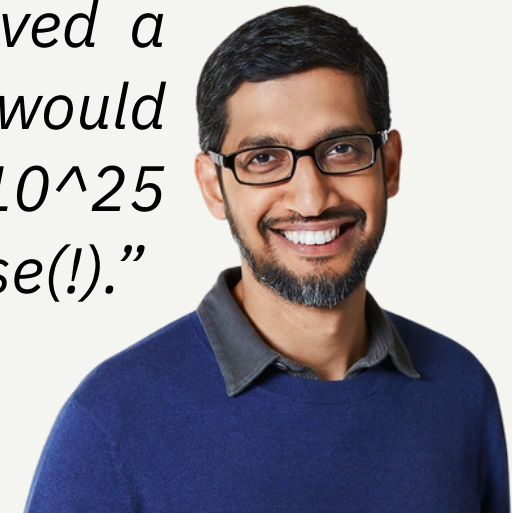
“D-Wave has been able to solve problems on our quantum computer in the area of materials simulation in minutes that it would take well over millions of years to solve on the fastest supercomputers, which by the way happen to be massively parallel GPU computers.”

Dr. Alan Baratz, D-Wave



“Introducing Willow, our new state-of-the-art quantum computing chip with a breakthrough that can reduce errors exponentially as we scale up using more qubits, cracking a 30-year challenge in the field. In benchmark tests, Willow solved a standard computation in <5 mins that would take a leading supercomputer over 10^{25} years, far beyond the age of the universe(!).”

Sundar Pichai, Google



“After a nearly 20 year pursuit, we’ve created an entirely new state of matter, unlocked by a new class of materials, topoconductors, that enable a fundamental leap in computing. It powers Majorana 1, the first quantum processing unit built on a topological core.”

Satya Nadella, Microsoft



“Quantum computing is a TODAY technology. As tech industry leaders debate the time horizon for practical QC, we are commercializing it in customer-facing products now. After spearheading several such developments, I am bullish on SuperQ delivering QC’s immediate ROI.”

Dr. Muhammad Khan, SuperQ



Quantum eMotion Corp. (QNC.V)

☆ Follow + Add holdings

1.2600 +0.0700 (+5.8823%)

At close: August 5 at 3:59:59 PM EDT



Previous Close	1.1900	Day's Range	1.2400 - 1.3400	Market Cap (intraday)	248.196M	Earnings ...	Aug 27, 2025 - Sep 1, 2025
Open	1.2900	52 Week Range	0.0950 - 2.4900	Beta (5Y Monthly)	-2.66	Forward Dividend & Yield	--
Bid	1.2500 x --	Volume	787,140	PE Ratio (TTM)	--	Ex-Dividend Date	--
Ask	1.2700 x --	Avg. Volume	2,386,806	EPS (TTM)	-0.0400	1y Target Est	--

Quantum eMotion Corp. Overview - Semiconductors / Technology

Rigetti Computing, Inc. (RGTI)

☆ Follow + Add holdings

16.47 +0.71 (+4.51%) 16.57 +0.10 (+0.61%)

At close: August 5 at 4:00:00 PM EDT Overnight: 2:07:23 AM EDT



Previous Close	15.76	Day's Range	15.59 - 16.85	Market Cap (intraday)	5.316B	Earnings Date	Aug 12, 2025
Open	15.73	52 Week Range	0.66 - 21.42	Beta (5Y Monthly)	1.45	Forward Dividend & Yield	--
Bid	16.44 x 5600	Volume	43,219,998	PE Ratio (TTM)	--	Ex-Dividend Date	--
Ask	16.55 x 5600	Avg. Volume	54,459,827	EPS (TTM)	-0.80	1y Target Est	16.33

Rigetti Computing, Inc. Overview - Computer Hardware / Technology

IonQ, Inc. (IONQ)

☆ Follow + Add holdings Earnings call at 4:30 PM EDT

42.02 +2.16 (+5.42%) 43.81 +1.79 (+4.26%)

At close: August 5 at 4:00:02 PM EDT Overnight: 2:18:44 AM EDT



Previous Close	39.86	Day's Range	40.13 - 42.44	Market Cap (intraday)	12.24B	Earnings Date	Aug 6, 2025
Open	40.64	52 Week Range	6.54 - 54.74	Beta (5Y Monthly)	2.54	Forward Dividend & Yield	--
Bid	--	Volume	21,264,364	PE Ratio (TTM)	--	Ex-Dividend Date	--
Ask	--	Avg. Volume	23,373,529	EPS (TTM)	-1.51	1y Target Est	49.29

IonQ, Inc. Overview - Computer Hardware / Technology

BTQ Technologies Corp. (BTQQF)

☆ Follow + Add holdings

4.8600 +0.0500 (+1.04%)

At close: August 4 at 8:00:00 PM EDT



Previous Close	4.8100	Day's Range	4.8600 - 5.2500	Market Cap (intraday)	672.308M	Earnings...	Aug 12, 2025 - Aug 18, 2025
Open	5.0000	52 Week Range	0.1840 - 8.3700	Beta (5Y Monthly)	-21.78	Forward Dividend & Yield	--
Bid	4.9000 x 10000	Volume	102,640	PE Ratio (TTM)	--	Ex-Dividend Date	--
Ask	4.9200 x 120000	Avg. Volume	1,199,253	EPS (TTM)	-0.0400	1y Target Est	9.95

BTQ Technologies Corp. Overview - Software - Infrastructure / Technology

Quantum Computing Inc. (QUBT)

☆ Follow + Add holdings

16.89 +1.29 (+8.27%) 17.12 +0.23 (+1.36%)

At close: August 5 at 4:00:00 PM EDT Overnight: 2:33:53 AM EDT



Previous Close	15.60	Day's Range	15.78 - 17.24	Market Cap (intraday)	2.7B	Earnings Date	Aug 14, 2025
Open	16.47	52 Week Range	0.57 - 27.15	Beta (5Y Monthly)	4.09	Forward Dividend & Yield	--
Bid	16.84 x 7000	Volume	31,381,533	PE Ratio (TTM)	--	Ex-Dividend Date	--
Ask	16.93 x 7000	Avg. Volume	29,515,845	EPS (TTM)	-0.54	1y Target Est	18.50

Quantum Computing Inc. Overview - Computer Hardware / Technology

D-Wave Quantum Inc. (QUBT)

☆ Follow + Add holdings Earnings call on 8-07 at 8 AM EDT

18.30 +1.12 (+6.52%) 18.67 +0.37 (+2.02%)

At close: August 5 at 4:00:02 PM EDT Overnight: 2:13:47 AM EDT



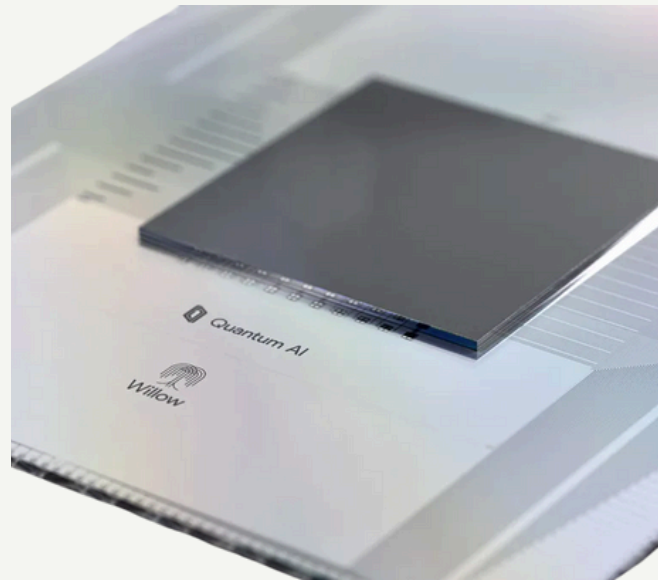
Previous Close	17.18	Day's Range	17.49 - 19.17	Market Cap (intraday)	5.718B	Earnings Date	Aug 7, 2025
Open	17.72	52 Week Range	0.75 - 20.56	Beta (5Y Monthly)	1.40	Forward Dividend & Yield	--
Bid	--	Volume	57,792,550	PE Ratio (TTM)	--	Ex-Dividend Date	--
Ask	--	Avg. Volume	71,306,216	EPS (TTM)	-0.66	1y Target Est	20.11

D-Wave Quantum Inc. Overview - Computer Hardware / Technology

Why Quantum Today

Average **1,600%** growth over a year. This growth is grounded in scientific breakthroughs.

Why Quantum Today



December 9, 2024

Google Willow Chip

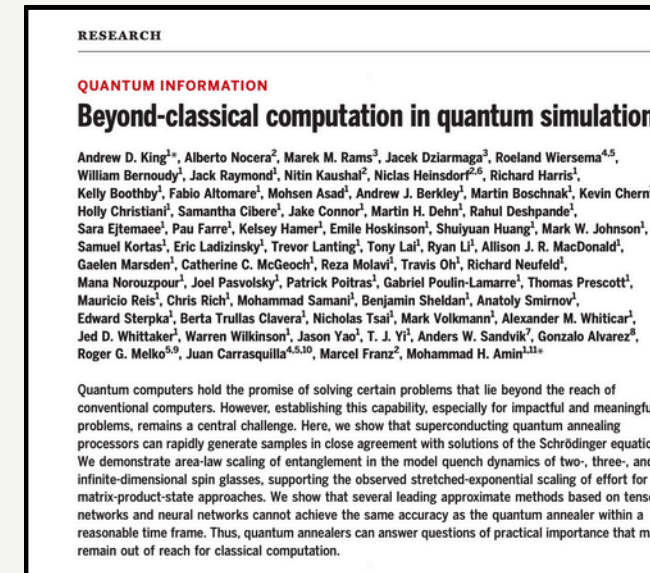
Major breakthrough in quantum error correction reduces error rate exponentially as more qubits are used.



February 19, 2025

Microsoft Majorana 1

First to use topological qubits made of a new state of matter allowing millions of qubits on a single chip in future.



March 12, 2025

D-Wave Supremacy

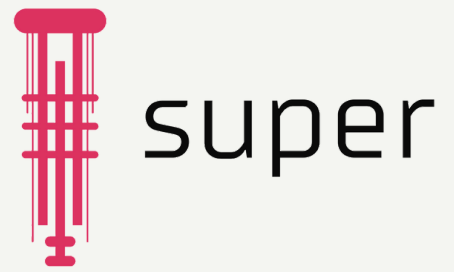
Paper published in top journal Science to show that Advantage 2 quantum annealer outperforms classical supercomputers.



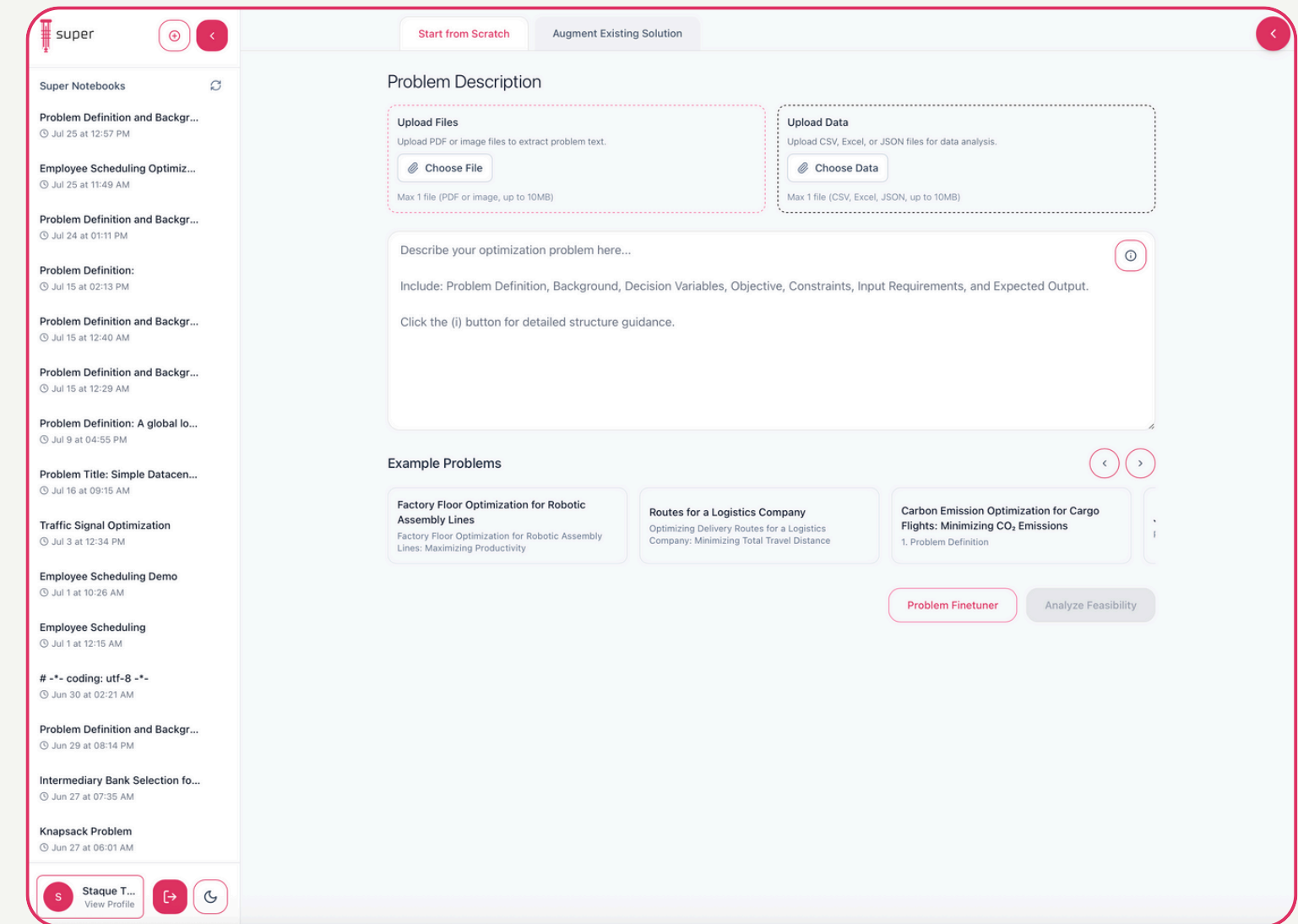
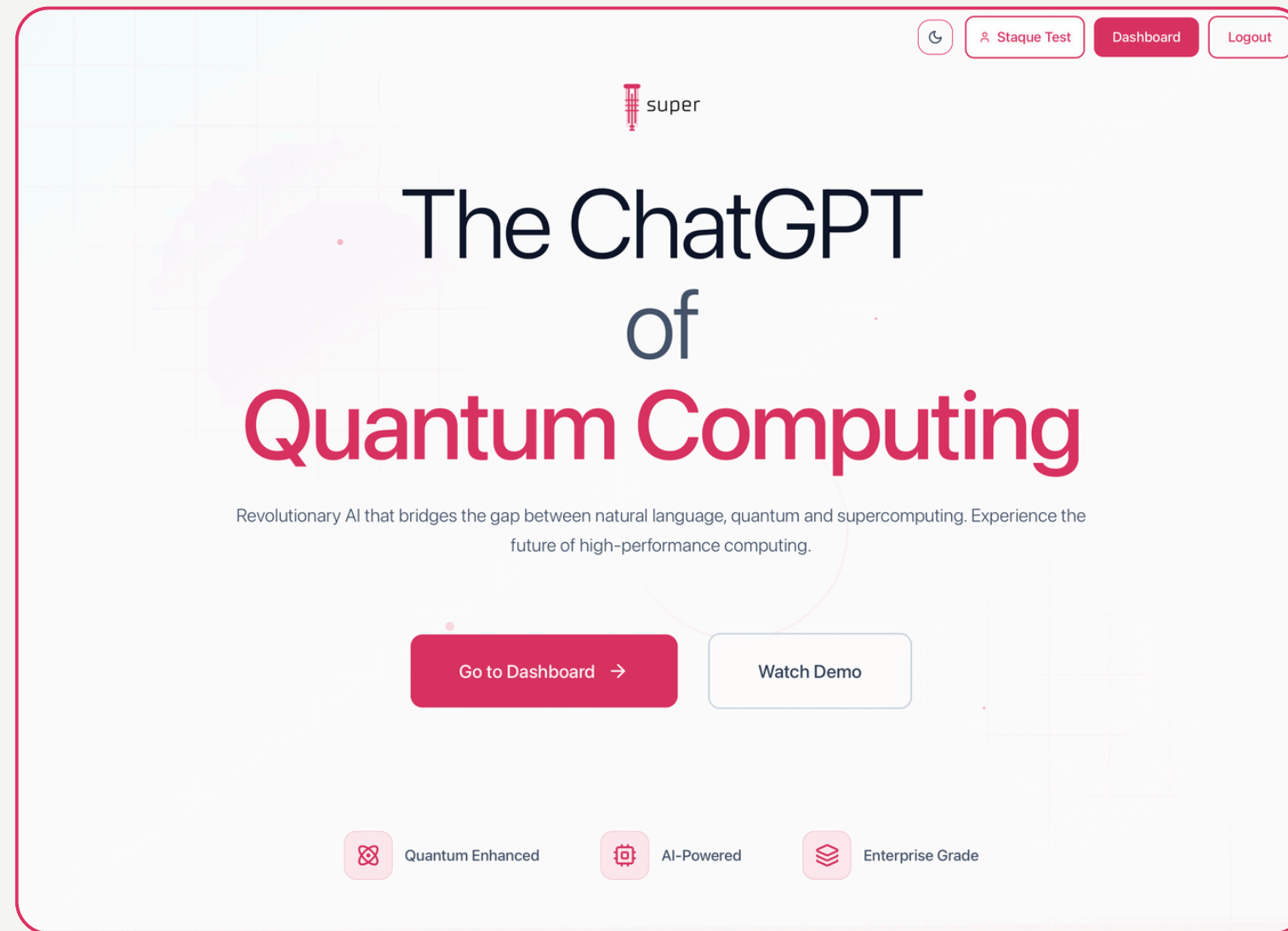
May 22, 2025

The ChatGPT Moment

AI became mainstream only after ChatGPT made it accessible to every business and individual. Super does that for quantum computing.



Lowering Quantum Computing's Technical and Financial Barriers



SuperQ's Super™ (Patent-pending) platform combines the best of quantum computing and classical high-performance computing to solve science and industry's most challenging problems in a ChatGPT like intuitive experience.

Super™ Platform



Watch Demo and Masterclass

Super’s proprietary technology consists of problem modelling, problem analysis, code generation, code deployment, result collection, insight generation and product deployment pipeline that sits on top of the most powerful computer hardware in the world from NVIDIA, D-Wave and IonQ and most powerful optimization solvers from Google and IBM.

super

Describe Your Problem

Factory Floor Optimization for ...
🕒 Mar 29, 07:13 PM

Factory Floor Optimization for ...
🕒 Mar 28, 01:24 PM

1. Problem Definition

A high-tech manufacturing plant operates 10 robotic assembly lines to produce three different products—Product A, Product B, and Product C. The objective is to maximize productivity by producing as many product units as possible within the given shift hours. This production plan must respect machine scheduling constraints, energy consumption limits, raw material availability, and operational constraints. Each product carries a value, and the goal is to reflect its value in the production plan.

Example Problems

Factory Floor Optimization for Robotic Assembly Lines
Factory Floor Optimization for Robotic Assembly Lines: Maximizing Productivity

Routes for a Logistics Company
Optimizing Delivery Routes for a Logistic Company: Minimizing Total Travel Distance

Analyze Feasibility

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Quantum Feasibility Analysis

D-Wave Suitability: 🟢 75%

Problem Structure

Type: Combinatorial Optimization with Multiple Constraints

QUBO Compatible: ❌ No

Hybrid Compatible: 🟢 Yes

Recommended Solvers

Primary: Hybrid CQM

Secondary: Hybrid BQM

Variables & Constraints

Variables: 1000

Constraints: 50

Embedding Efficiency: Medium

Hardware Suitability

Embedding Complexity: Medium

Topology Match: The problem requires mapping a large number of variables onto D-Wave's Pegasus topology, which may necessitate multi-qubit chains but is manageable with Hybrid Solvers.

D-Wave Suitability: 75%

Solution Approaches

Primary Approach (Hybrid CQM)
Model the problem using a Constrained Quadratic Model (CQM) to capture the multiple scheduling and resource constraints. Utilize D-Wave's Hybrid CQM solver to efficiently navigate the solution space and find an optimal or near-optimal production schedule that maximizes productivity while adhering to all constraints.

Secondary Approach (Hybrid BQM)
As an alternative, formulate the problem as a Binary Quadratic Model (BQM) and employ the Hybrid BQM solver. This approach can be used for validation purposes or to handle specific aspects of the problem that might be more efficiently addressed with a BQM formulation.

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How can I help you today?

Generate documentation for this solution.

Factory Floor Optimization for ...
🕒 Apr 4, 12:26 PM

Factory Floor Optimization for ...
🕒 Mar 29, 07:13 PM

Factory Floor Optimization for ...
🕒 Mar 28, 01:24 PM

Below is the technical documentation for this production scheduling solution:

Overview

This Python script implements an optimized production scheduling model for robotic assembly lines using D-Wave's Hybrid Constrained Quadratic Model (CQM) solver. The scheduling problem involves multiple products (A, B, and C) each requiring a sequence of machine operations (e.g., Welding, Assembly, Inspection) under numerous constraints such as machine availability, energy budgets, raw material inventory, and cooldown requirements. The objective is to maximize overall revenue by selecting production units and shifts while satisfying operational constraints.

Dependencies and Modules

- dwave.system - Provides LeapHybridCQMSampler to the CQM model.
- dimod - Supplies the ConstrainedQuadraticModel (CQM) as well as helper functions and variable types.
- O Integer - For modeling start and end times.
- O Binary - For on/off decisions like active production and machine assignment.
- O quicksum - To quickly sum terms for constraints and objectives.
- sys and traceback - For basic error handling and printing errors in case of exceptions.

Configuration and Global Parameters

- SHIFT_DURATION, NUM_SHIFTS, and SHIFTS define the working shift times; each shift is 480 minutes long.
- MACHINE_TYPES dictionary specifies details for each machine type, including count, energy rate, energy cost, maximum continuous operation time, and cooldown period.
- PRO defines the processing sequence, total production time, selling price, and raw material requirements for each product.
- RAW_MATERIAL and REFILL_INTERVAL capture details of the raw material inventory and replenishment.
- ENERGY_BUDGET, PEAK_TIME_WINDOW, PEAK_USAGE, EXCESS_ENERGY_PENALTY, and DELAY_PENALTY establish energy constraints and cost factors.
- MAX_UNITS_PER_PRODUCT sets the maximum number of production units candidates per product.
- BIG_M is a sufficiently large constant used for Big-M formulations in disjunctive (non-overlap) constraints.

Analysis

```
1 #!/usr/bin/env python3
2 """
3 Optimized Production Scheduling for Robotic Assembly Lines
4 using D-Wave's Hybrid Constrained Quadratic Model (CQM) solver.
5
6 This script models a complex factory floor scheduling problem where
7 multiple products (A, B, and C) pass through a series of machine operations
8 under several constraints including machine availability, energy budgets, raw
9 material refills, and shipment deadlines.
10
11 NOTE: Due to the complexity of the full scheduling problem, several
12 constraints (e.g. machine conflicts, raw material consumption over time, energy
13 peak limitations) are implemented in a simplified form or marked as placeholders to be
14 extended as needed.
15 This code serves as a "production-ready" starting point leveraging D-
16 Wave's Ocean SDK.
17 """
18
19 import sys
20 import traceback
21 from dwave.system import LeapHybridCQMSampler
22 from dimod import ConstrainedQuadraticModel, Integer, Binary, quicksum
23
24 # Global definitions
25
26 # Factory parameters
27 SHIFT_DURATION = 480 # minutes per shift
28 NUM_SHIFTS = 2
29 SHIFTS = [(360, 840), (840, 1320)] # (start minute, end minute) e.g.,
30 # 6AM-2PM and 2PM-10PM
31
32 # Machine types and details
33 MACHINE_TYPES = {
34     'Cutting': {
35         'num_machines': 2,
36         'energy_rate': 2.5, # kWh/minute
37         'energy_cost': 0.20, # $/kWh
38         'max_continuous': 120, # minutes
39         'cooldown': 20 # minutes cooldown after continuous work
40     },
41     'Welding': {
42         'num_machines': 2,
43         'energy_rate': 3.2,
44         'energy_cost': 0.25,
45         'max_continuous': 90,
46         'cooldown': 15
47     },
48     'Assembly': {
49         'num_machines': 2,
50         'energy_rate': 1.8,
51         'energy_cost': 0.18,
52         'max_continuous': 150,
53         'cooldown': 10
54     },
55     'Inspection': {
56         'num_machines': 2,
57         'energy_rate': 1.0,
58         'energy_cost': 0.10,
59         'max_continuous': 180,
60         'cooldown': 5
61     }
62 }
```

Optimization Results Dashboard

Parameters

Business

Budget constraints & policy settings

Total Portfolio Value: 1,000,000,000

Minimum Investment Amount: 200,000

Maximum Percentage Allocation: 0.1

Risk Limit: 12

Liquidity Requirement: 0.5

ESG Allocation Requirement: 0.3

Optimization Results

Asset Allocation in Dollars

This chart shows the dollar allocation across asset classes (Stocks, Bonds, Commodities, Alternatives). Action: Investigate any underweighted asset class to adjust strategy.

Asset Allocation in Dollars

This chart shows the dollar allocation across asset classes (Stocks, Bonds, Commodities, Alternatives). Action: Investigate any underweighted asset class to adjust strategy.

Expected Return Trajectory

This line chart tracks the progression of the cumulative expected return over optimization iterations. Action: Identify the iteration where gains plateau and evaluate model adjustments.

Expected Return Trajectory

This line chart tracks the progression of the cumulative expected return over optimization iterations. Action: Identify the iteration where gains plateau and evaluate model adjustments.

Risk vs. Return Trade-off

This scatter plot compares the average risk versus the expected return for each asset class. Action: Focus on balancing risk and return by reassigning allocations where necessary.

Risk vs. Return Trade-off

This scatter plot compares the average risk versus the expected return for each asset class. Action: Focus on balancing risk and return by reassigning allocations where necessary.

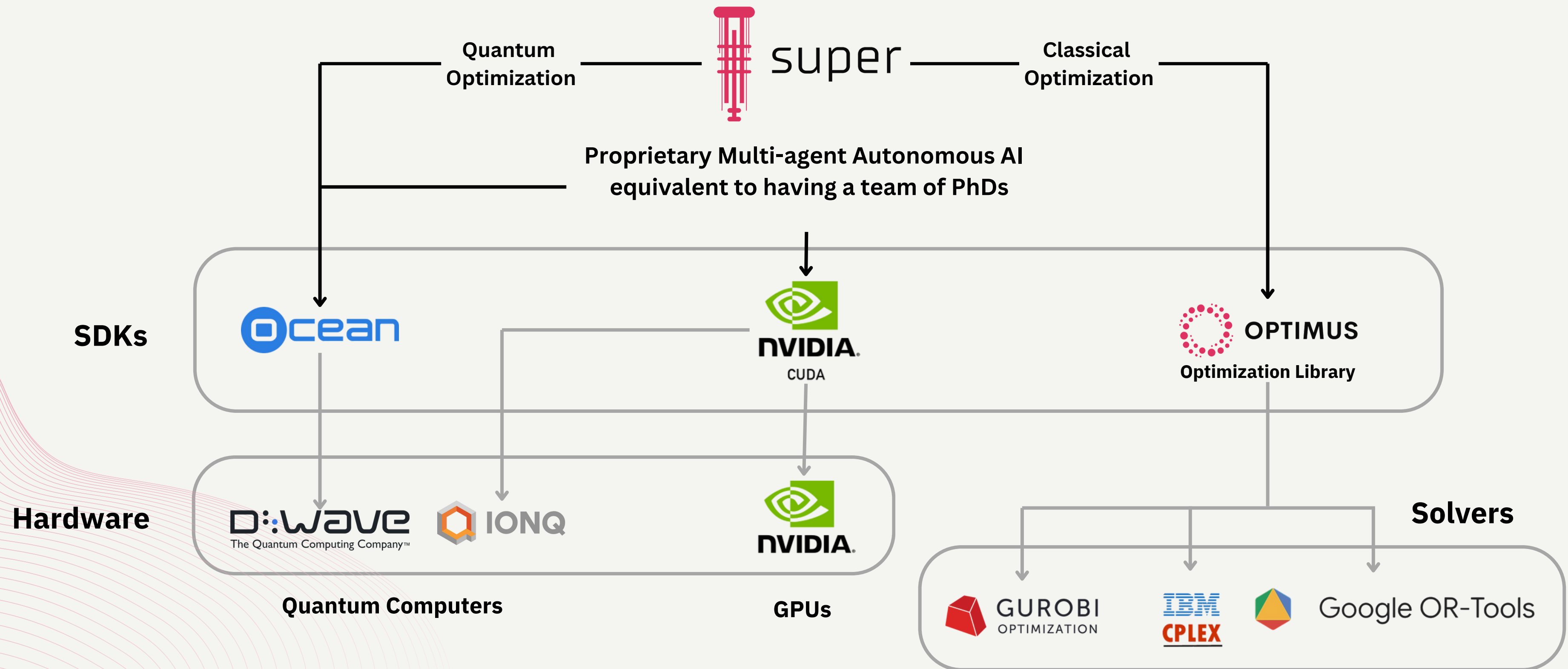
Liquidity vs. ESG Allocation

This bar chart contrasts the fund allocation for liquid assets (Stocks + Bonds) against ESG-compliant assets. Action: Evaluate current liquidity and ESG exposure to ensure compliance with



Multi-Agent Architecture

Super's proprietary technology consists of problem modelling, problem analysis, code generation, code deployment, result collection, insight generation and product deployment pipeline that sits on top of the most powerful computer hardware in the world from NVIDIA, D-Wave and IonQ and most powerful optimization solvers from Google and IBM.





Modeling Large Decision Spaces

Finding least cost options in a supply chain, most economical routes in a transportation network, fastest times in job scheduling, or the best choice for materials and drug synthesis require navigating a large number of variables and their possible values. Super takes over when conventional computing falls short. Key use cases include:

- Supply Chain and Logistics
- Energy and Utilities Distribution
- Drug Discovery and Protein Synthesis
- Routing Autonomous Machines
- Workforce Scheduling
- Material Synthesis
- Seaport and Airport Operations
- Airlines, Couriers and Postal Services



Enhancing AI Models

Feature selection and hyperparameter tuning of a machine learning model are hard problems that are solved by ad-hoc methods. Super enhances the performance of AI models through quantum annealing to gain those extra percents of accuracy that make all the difference.

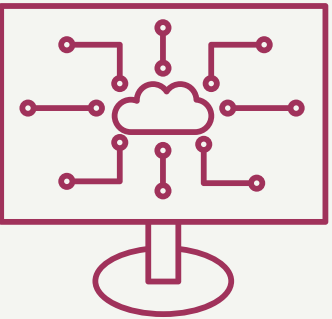
Quantum Advantage for Industry and Research

Computing Speed

10x - 1000x speed gain for data processing and decision making

Quality Solutions

Solutions that unlock 20-50% more revenue or lower costs by 20-50%



Quantum Advantage



Post-Quantum Cybersecurity

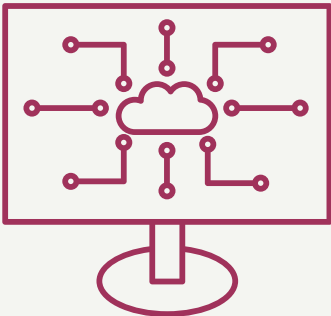
The security of all our passwords and encryptions is based on RSA Public Key Cryptography. This will be broken by quantum computers once they reach a certain scale. Super enables development and implementation of quantum resistant cybersecurity to protect sensitive information.



Efficient Training and Finetuning of Generative AI Models

Training and fine-tuning generative AI models require intensive optimization, often constrained by the limitations of classical computing. Super integrates quantum annealing and quantum approximate optimization algorithms (QAOA) to accelerate model development, reduce energy consumption, and enhance training efficiency. By enabling faster, more cost-effective, and sustainable AI model development, Super not only optimizes current GenAI workflows but also paves the way for the Quantum Data Centers of the future, where AI and quantum computing seamlessly converge for unparalleled performance.

Quantum Advantage for Large Language Models (LLMs) Like ChatGPT	
LLM Training	Save USD 50-120M in GPU compute
LLM Finetuning (90B parameters)	Save USD 50K



Quantum
Advantage



D-Wave and Super have a multi-level partnership and joint GTM in the Middle East and North America. The two companies are engaged in solution co-development and technical collaboration. They are also conducting joint accelerator programs, events and webinars such as Qubits UAE and Qubits KSA. D-Wave team is using Super in their professional services and solution delivery.



Quantum annealing PoCs and commercialization



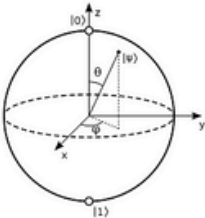
HPC and Quantum hubs around the world



Use of Super platform



Partnership Impact



Quantum Computing Report

by GQI

SuperQ Quantum Announces Initial Revenue from D-Wave Collaboration on Robotic Motion Planning



MarketBeat

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Search

D-Wave, SuperQ, and Verge: A New Path Forward for Quantum?



Written by [Nathan Reiff](#) | Reviewed by [Shannon Tokheim](#)
July 28, 2025





D-Wave

@dwavequantum · Sep 4

It's a challenge pushing the limits of classical computing, that's why Staque has turned to quantum. From robotics to autonomous agriculture, the company is exploring the intersection of innovation, impact, and where quantum computing can make an impact.

"Quantum computing is

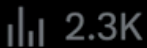
[Show more](#)



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 20

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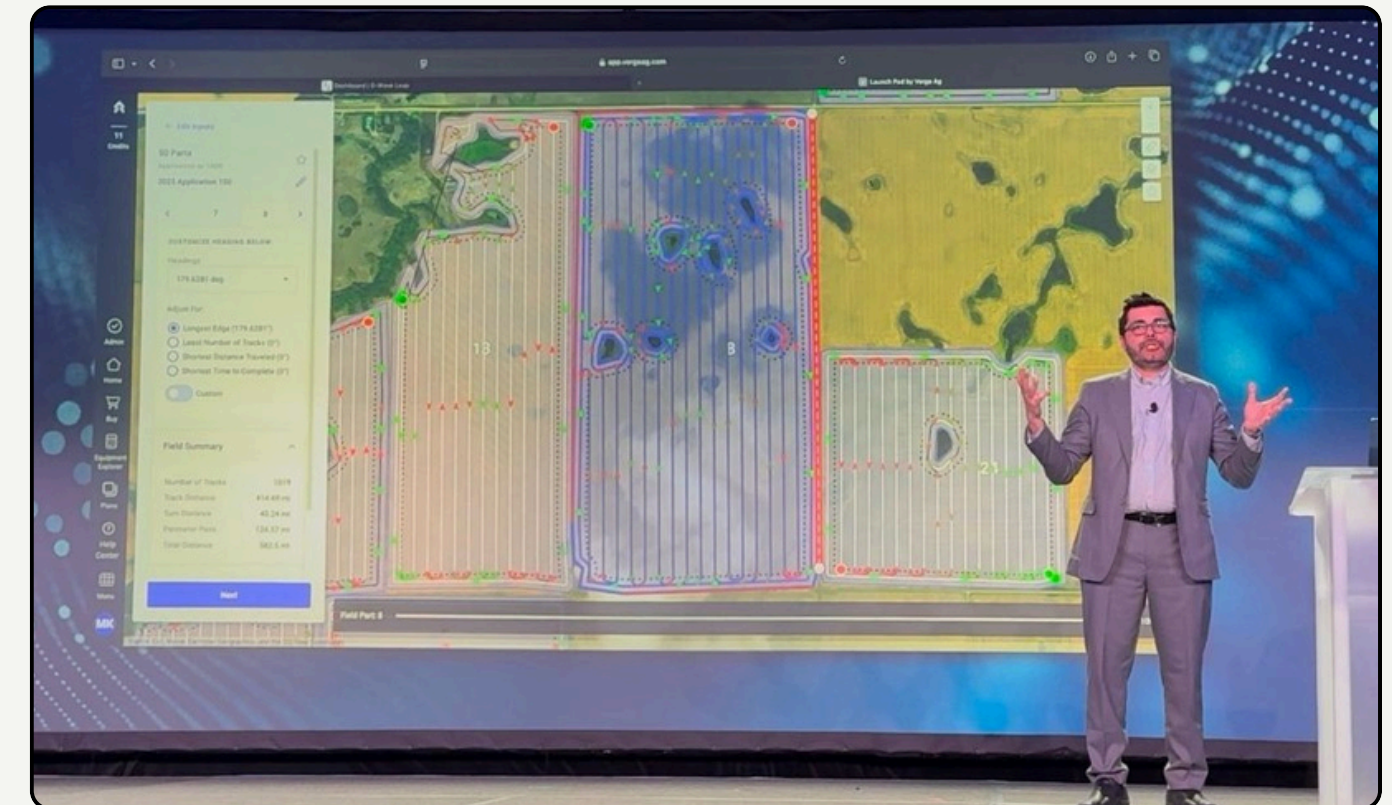
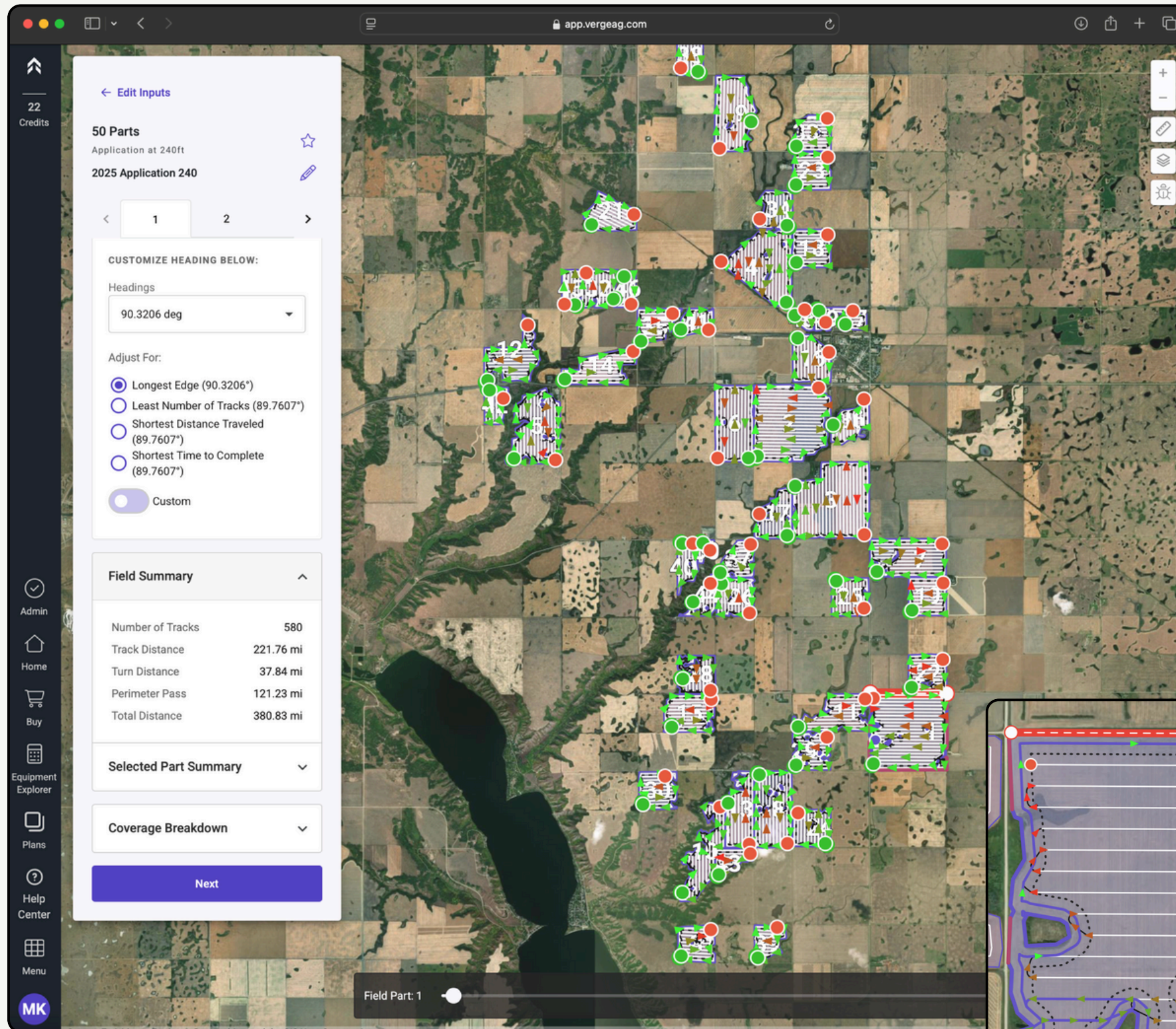




World's First Consumer-Facing Quantum Product

Quantum Powered Robot Motion Planning at Scale

SuperQ and D-Wave have built the world's first consumer facing quantum product by enhancing Verge's Launch Pad platform with D-Wave's quantum computers. Officially launched in 2025 and supported by DIGITAL Supercluster Canada.



More Consumer-Facing Snapshots

Quantum AI Clinicians

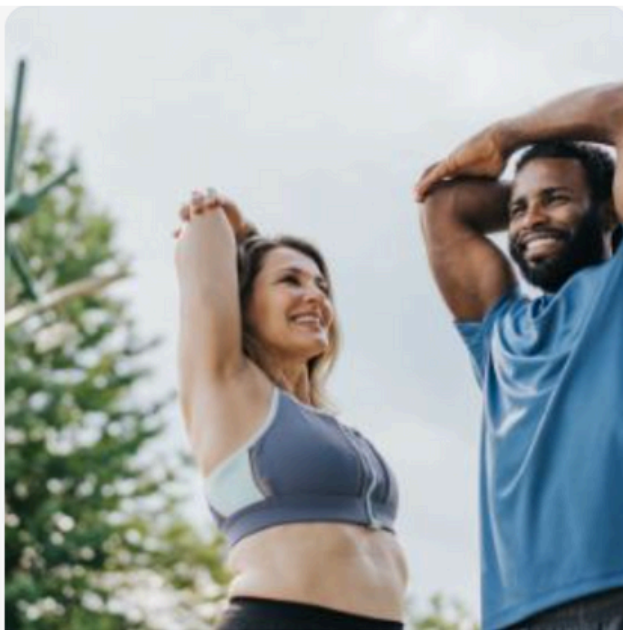
Clinician companion and
user facing clinicians

(&) **science
humans**

For men and women in many developing countries, effective management of hormonal disorders is hindered by two key factors: the prohibitive cost of hormonal therapies and the limited availability of specialized medical professionals.

S&H is offering therapies for men and women hormonal issues. SuperQ's team has built AI doctors and nurse agents specializing in different health conditions trained by **Mayo Clinic Platform's** extensive data.

A multimillion project to enhance the accuracy of Hormonal Clinicians by using Super has been submitted to Scale-AI.



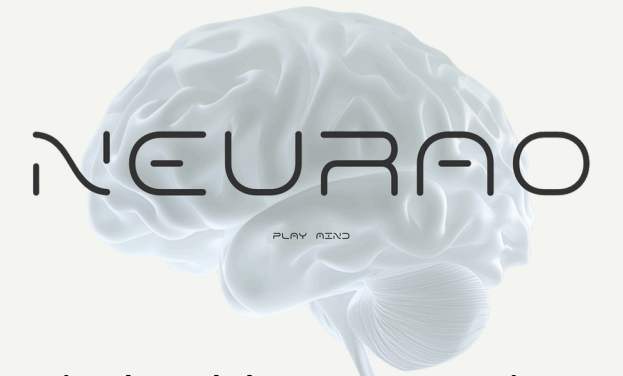
Weight Loss

Achieve your weight loss goals with our goal driven program that integrates evidence-based medication, innovative devices, and personalized coaching.

[Learn more](#)

Quantum Powered BCI

Quantum-Enhanced Brain-
Computer Interfaces



BCI promises revolutionary advances in brain health, automation and mind gaming.

Traditional AI approaches in BCI rely on processing vast volumes of electrophysiological or EEG data to decode intent. The inherent complexity and variability of neural signals often lead to accuracy issues and latency, limiting responsiveness in fast-paced scenarios.

Neurao and SuperQ are tackling these hurdles head-on through quantum computing. Quantum algorithms optimize selecting the most relevant neural channels or signals out of thousands, or swiftly identifying patterns within high-dimensional brain activity. This results in more accurate command recognition, drastically reduced latency, and an almost “telepathic” link between the human and the device.



First Super Hubs in Canada, UAE and India



Super Hubs are quantum cyber cafes where a large number of researchers, innovators and organizations will access Super platform supported by training and expert guidance.

The first Canadian Super Hub has launched at **Economic Development Lethbridge's Tecconnect** innovation centre to much news and media acclaim.

Sharjah Research and Technology Innovation Park (SRTIP) - the major the economic and innovation gateway of UAE - is hosting Asia's first Super Hub.

St Joseph's College, Kerala - a prestigious and historic academic institution - is hosting India's first Super Hub.

Active discussions with the City of Surrey, Great Falls Economic Development, Virginia Economic Development and University of Northern British Columbia for establishing more Super Hubs.



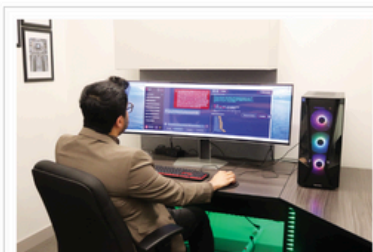
News & Media Spotlight

City's new Super Quantum Hub offers cutting-edge opportunities

BY LETHBRIDGE HERALD ON JUNE 19, 2025.

Alexandra Pulido-Guzman
Lethbridge Herald

Economic Development Lethbridge, in partnership with SuperQ Quantum Inc. are positioning Lethbridge at the forefront of quantum innovation with the introduction of the Lethbridge Super Quantum Hub located at Tecconnect.



Pre-register

Partner with us



Partners

2025-05-28 15:00:41

[SUPERQ QUANTUM TO LAUNCH BREAKTHROUGH QUANTUM PLATFORM AT WEB SUMMIT VANCOUVER](#)



Nate Glubish · Following

Minister of Technology & Innovation @ Government of Alberta | Venture ...
2w ·

Alberta tech is booming.

From Lethbridge and Medicine Hat to Grande Prairie and Fort McMurray.

"The Quantum Hub is especially relevant for industries with complex decision-making like Agriculture for modeling crop cycles and optimizing water use, transportation and logistics for planning delivery or service routes, manufacturing for optimizing scheduling or equipment use and finance, and post-secondary or STEM education offering hands-on exposure to emerging technology."

<https://lnkd.in/gMMYS9mE>

[SuperQ Quantum Dr. Muhammad Ali Khan Economic Development Lethbridge Brock Skretting The University of Lethbridge Lethbridge Polytechnic City of Lethbridge Megan Lee](#)



City's new Super Quantum Hub offers cutting-edge opportunities

lethbridgeherald.com



SuperQ in Quantum News

QUANTUM ZEITGEIST

QUANTUM COMPUTING ▾ TECHNOLOGY NEWS ▾

QUANTUM COMPANIES

SuperQ Quantum Reports First Revenue From Quantum Agriculture Project

July 24, 2025

BY QUANTUM NEWS

super

QUANTUM INSIDER
powered by RESONANCE

SuperQ Quantum Accepted Into FABrIC, Canada’s National Semiconductor And Quantum Innovation Network

Quantum Computing Business

Matt Swayne • August 27, 2025

Super Q Quantum Joins FABrIC

CSE: QBTQ | OTC: ATMGF | Frankfurt: 25X

Quantum Computing Report
by GQI

SuperQ Quantum Announces Initial Revenue from D-Wave Collaboration on Robotic Motion Planning

TSE

HOME INTERNET ▾ UKRAINE AI DRONES ▾ PHONES ▾ OPTICS ▾ REPORTS

Quantum Leap: Inside SuperQ’s Mission to Be the “ChatGPT of Quantum Computing”

by Marcin Frackiewicz in Uncategorized on 28 July 2025

INTERESTING ENGINEERING

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TRENDING

LATEST

INNOVATION

SCIENCE

Quantum Super Hub: Meet the ChatGPT of quantum computing unveiled in Canada

A community-based quantum computing facility set up in the city of Lethbridge is expected to benefit researchers, students and businesses in the fields of agri-tech, logistics, manufacturing, and finance.

Updated: Jun 21, 2025 08:52 AM EST

Rupendra Brahambhatt

3 months ago

0

The Super Speaking Tour



2025 is the International Year of Quantum and Super is at the heart of it. The platform and its impact has been presented / will be presented at the following forums.

Accelerating Autonomy Through AI and Quantum Computing Powered Routing
Keynote, 6th Scientific Workshop Session 1, Toulouse, France

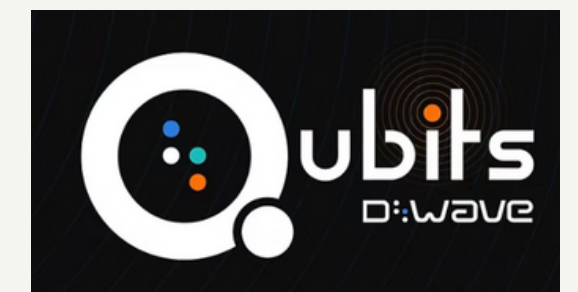
Pioneering Gametech with AI-powered Brain-Computer Interfaces (BCI).
TechArena Keynote, Riyadh KSA

Optimization: The Killer Use Case for Quantum Computing
Panel, AZ USA

Planning the Operations of Autonomous Aerial and Ground Machines At Scale
Keynote, AZ USA

Super: The ChatGPT for Quantum and Supercomputing
Master Class, Calgary AB, Canada

Super: The ChatGPT for Quantum and Supercomputing
Master Class, Vancouver BC, Canada



The Super Speaking Tour



2025 is the International Year of Quantum and Super is at the heart of it. The platform and its impact has been presented / will be presented at the following forums.

Hybrid Quantum-Classical Computing - Terrestrial to Cosmological Applications
Symposium Organized, Montreal QC, Canada



Agricultural Path Planning, Disaster Evacuation, and Beyond: Leveraging Algorithmic Innovations in Optimization for the Common Good and Environmental Sustainability
Symposium Organized, Montreal QC, Canada

Super: The ChatGPT Equivalent for Quantum Computing
Quantum Solutions session, Albuquerque NM, USA



**IEEE International Conference
on Quantum Computing
and Engineering — QCE25**

Tying Quantum and Supercomputing with Economic Outcomes
Quantum Solutions session, Albuquerque NM, USA

Sharjah - the Gateway to Middle East's Quantum Opportunity
Quantum Solutions session, Albuquerque NM, USA

Our Business Model

All numbers in USD



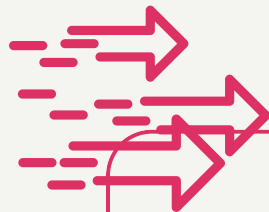
Subscription and Usage Fees

Monthly recurring revenue generated through Super subscriptions and computing resources usage.



Professional Services

SuperQ’s professional services team is uniquely specialized in modelling and solving challenging industry problems using the Super platform.



Super Hub Fees

SuperQ runs training, upskilling and accelerator programs for corporates, governments, students, researchers and entrepreneurs at Super Hubs.

License Fees:

USD 25K per annum for Commercial use
USD 12K per annum for Academic / Non-Profit use
USD 200 per month for Trailblazer (retail user)
Usage fees are charged for QPU/CPU/GPU time

Professional Services Fees Per Project:

USD 350 per hour blended rate
USD 25K-75K per project cost

Training / Accelerator Program Fees:

USD 2K - 8K per seat

Go-to-Market Strategy

All numbers in USD

REACH

Focus on:

- **Building community** of quantum science and technology enthusiast at Super Hubs globally.
- **High-value, high-impact sectors**, specifically Healthcare, Technology, Real Estate, Agriculture, Defence and Govt.

REVENUE

Monthly Fees: Target hundreds of users

- Trailblazers - \$200
- Hub memberships - \$100

Annual License Fees:

- Research license - \$12K
- target 20 users
- Enterprise license - \$25K
- target 20 Users

Usage Fees:

- Top up AI, QPU and Solver compute

Professional Services:

- Target \$500K

RETENTION

Embed:

Our professional services teams directly with initial customers. The objective is to ensure their success and establish a foundation for long-term partnerships.

Land and Expand:

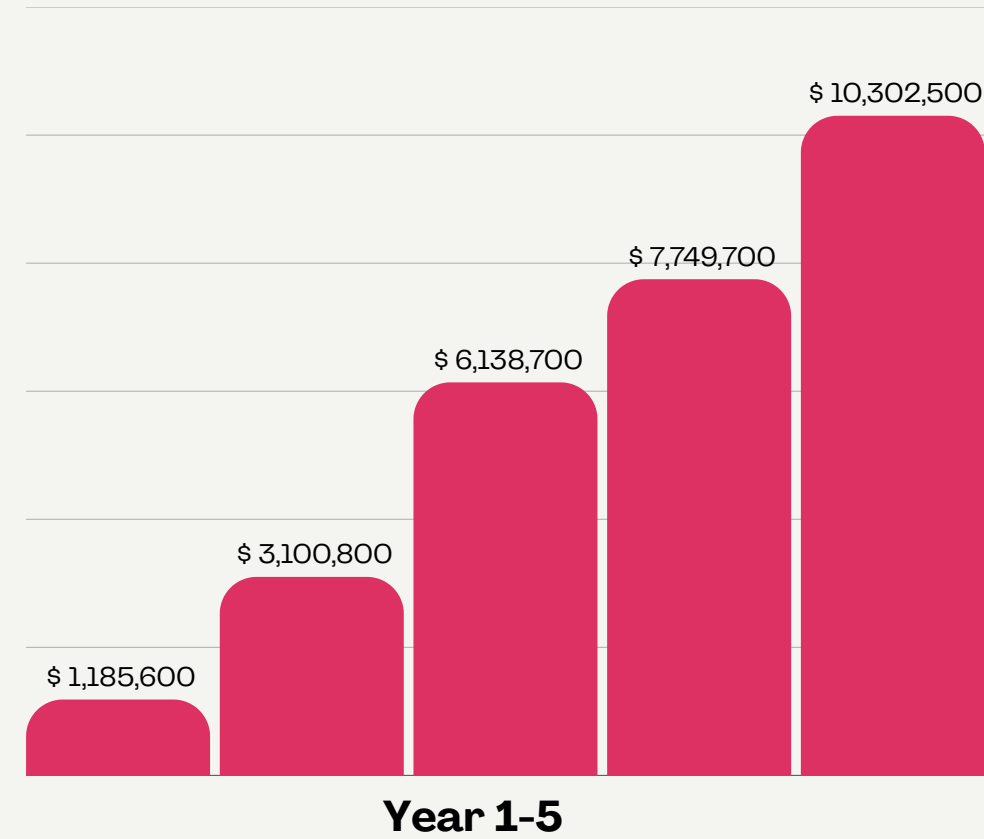
Explore more problem statements, use cases, business models, productization with existing customers.

Financial Outlook

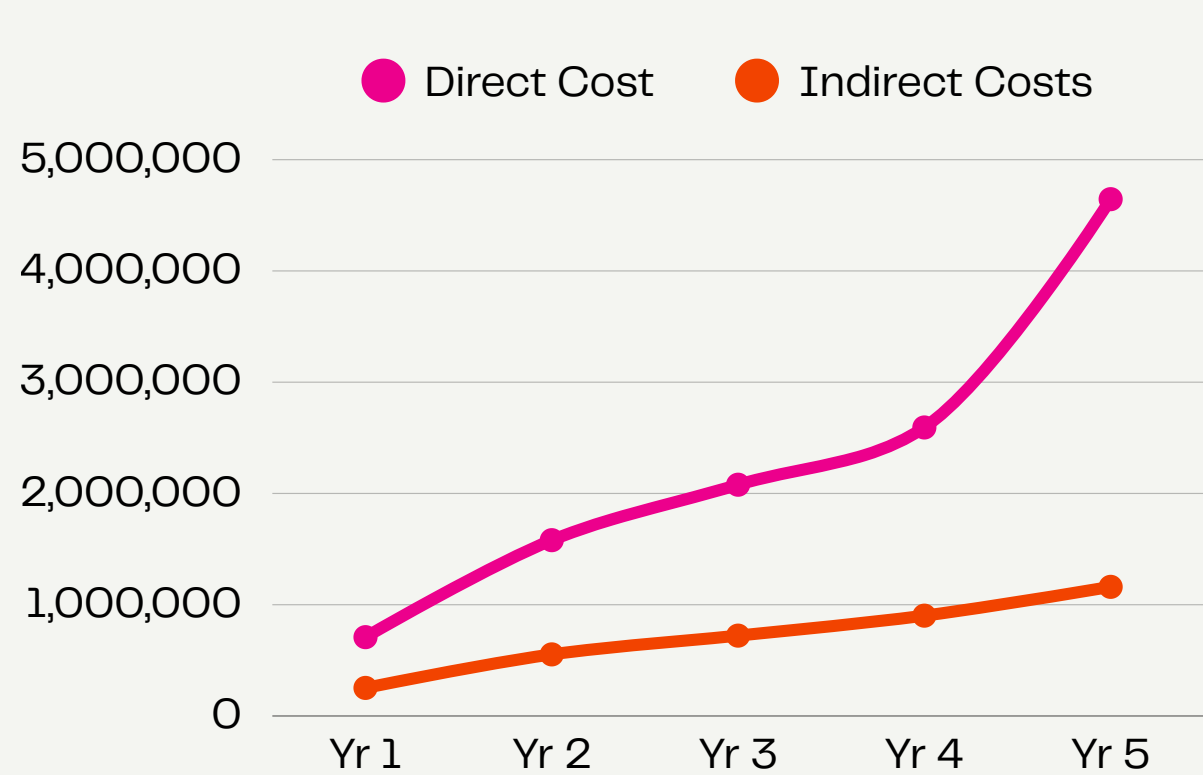
All numbers in CAD

Unlike other high tech companies, SuperQ is razor focussed on creating commercial value. We are profitable and have a strong track record of securing non-dilutive capital for R&D activities.

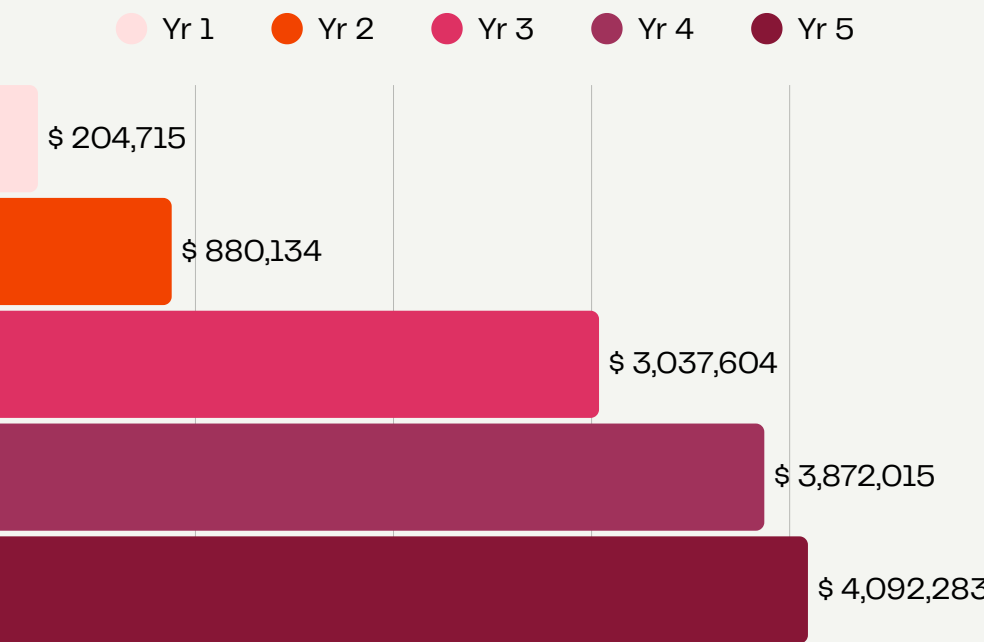
Revenue



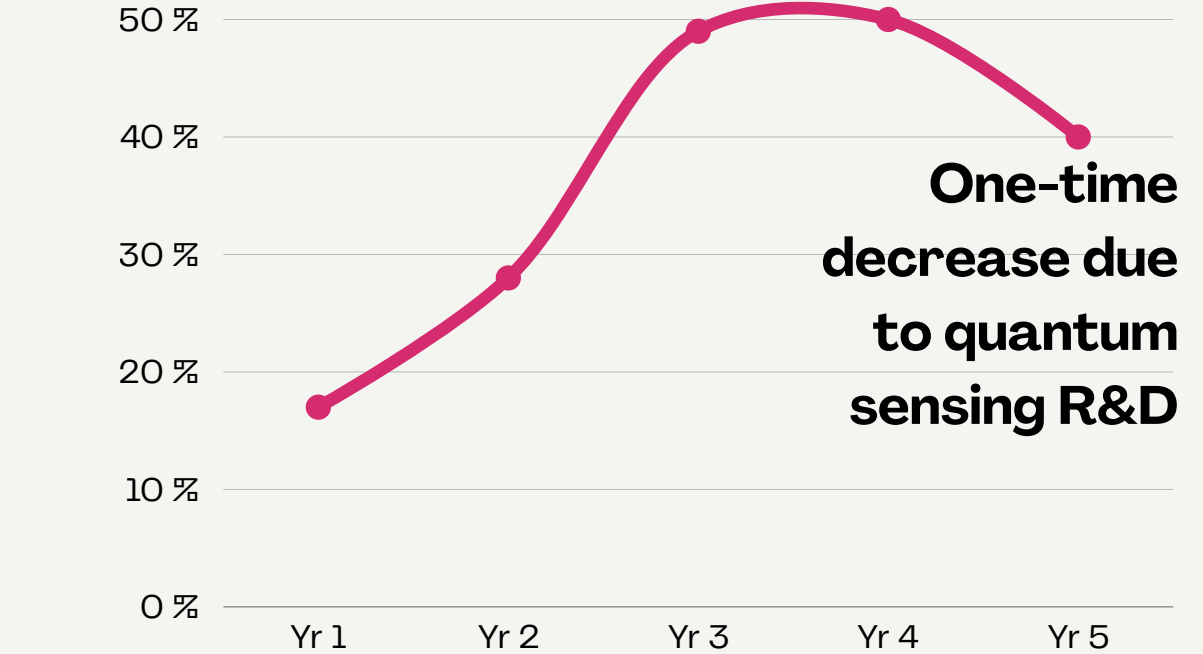
Operating Expense



Net Profit



Net Profit Margin



Financial Outlook

All numbers in CAD

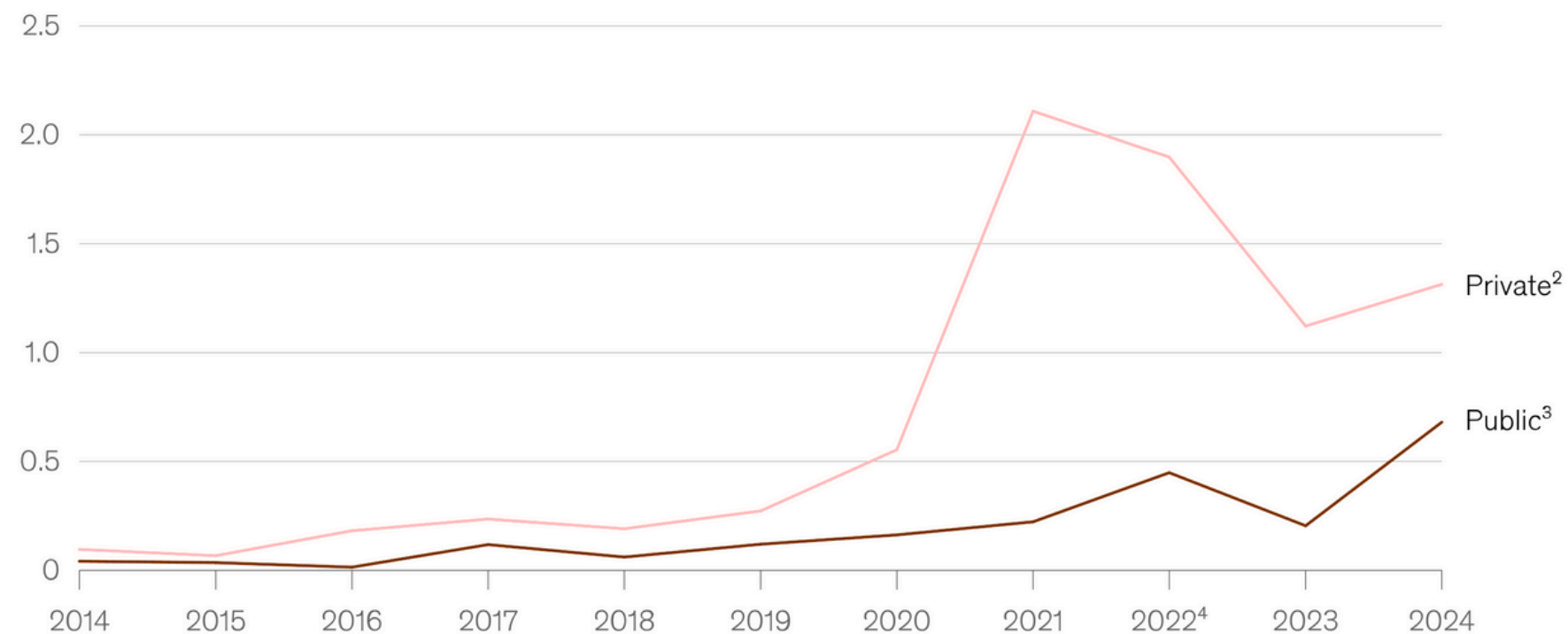
	Year 1	Year 2	Year 3	Year 4	Year 5
Revenues	\$ 1,185,600	\$ 3,100,800	\$ 6,138,700	\$ 7,749,700	\$ 10,302,500
Direct Costs	(\$ 708,444)	(\$ 1,580,098)	(\$ 2,078,496)	(\$ 2,593,052)	(\$ 4,644,924)
Indirect Costs	(\$ 252,194)	(\$ 553,522)	(\$ 722,178)	(\$ 901,686)	(\$ 1,160,562)
Taxes	(\$ 20,247)	(\$ 87,046)	(\$ 300,422)	(\$ 382,947)	(\$ 404,731)
Net Income	\$ 204,715	\$ 880,134	\$ 3,037,604	\$ 3,872,015	\$ 4,092,283
Net Margin	17%	28%	49%	50%	40%

The Opportunity

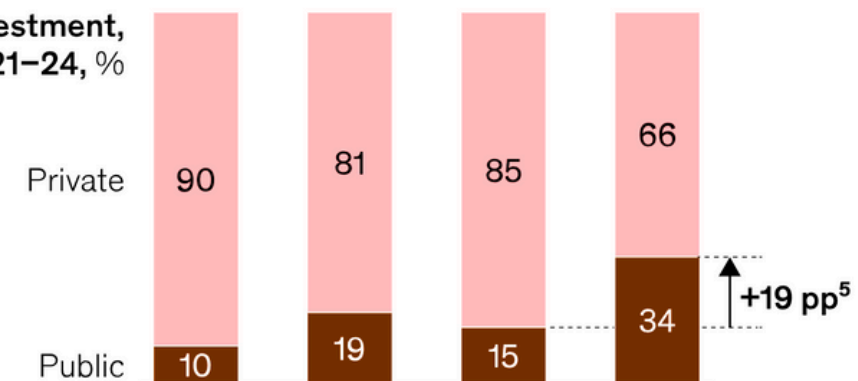
All numbers in USD

Public investment in quantum technology start-ups increased 19 percentage points from 2023 to 2024.

Quantum technology (QT) investments by funding type, 2014–24,¹ \$ billion



Annual investment, 2021–24, %



**Supercomputing
World in 2030**

826B AI Market

72B High-performance
Computing Market

65B Quantum Computing
as a Service Market

Capital Structure

SuperQ Quantum Computing Inc.

CSE: QBTQ | Frankfurt: 25X | OTC: QBTQF

All numbers in CAD



Shares Outstanding	26,485,584
Cash	~ \$1,000,000
Warrants	1,199,400 warrants exercisable at \$1.50 - expiry Feb 16, 2026 1,705,400 warrants exercisable at \$1.50 - expiry Mar 18, 2026 363,546 warrants exercisable at \$1.50 - expiry Apr 11, 2026 671,250 warrants exercisable at \$2.40 - expiry Mar 7, 2026 427,920 warrants exercisable at \$1.50 - expiry May 17, 2026
Options	60,000 stock options exercisable at \$2.00 - expiry Nov 14, 2025 20,000 stock options exercisable at \$2.00 - expiry Nov 28, 2025 1,060,000 stock options at \$1.08 - expiry Aug 5, 2028



Technical Roadmap

We aim to delivering the full spectrum of quantum technologies and supercomputing. Unlike other quantum computing companies, SuperQ is razor focussed on creating commercial value from the onset.



Q3 2025 - RELEASE

Patents Filed, Open Beta Release

Q4 2025 - ONE SUPER APP

One Super App combining generative AI and data engineering with quantum and supercomputing. User never leaves Super™.

Q1 2026 - SUPER PQC SUITE

Launch of Super PQC Suite for web and blockchain systems in targeted industries.

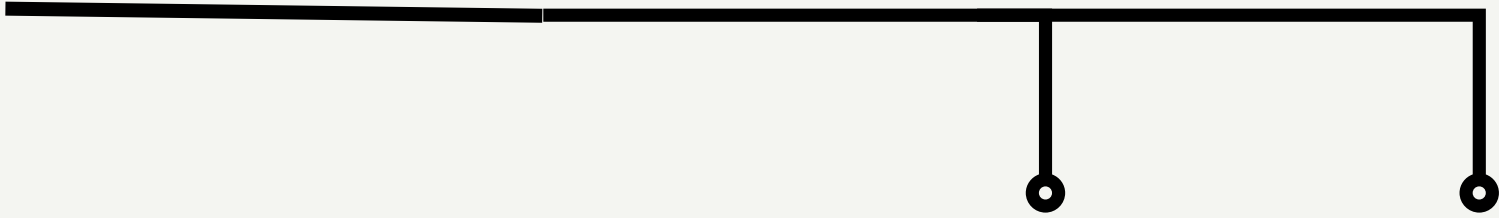
Q2 2026 - SUSTAINABLE AI

Sustainable AI model training and finetuning including LLMs

H2 2026 - QUANTUM SENSING

First magnetic quantum sensors integrated with Super™ and used for drone and mining applications.

Unfair Advantage



	Post-quantum Cybersecurity	Quantum and Hybrid Computing Cloud	Solving Industry Optimization	Profitability
Quantum eMotion Corp. (QNC.V)	✓	✗	✗	✗
01 Communique Laboratory Inc. (ONE.V)	✓	✗	✗	✗
BTQ Technologies Corp. (CBOE CA: BTQ)	✓	✗	✗	✗
SuperQ Quantum Computing Inc.	✓	✓	✓	✓

Growth Trajectory

SuperQ is expanding globally in terms of presence and customers. Our stock is traded in Canada, USA and Germany. We are experiencing rapid growth in North America and Asia, particularly in Canada, USA, UAE and India. In addition to our expertise, our network and roots in these regions have played a pivotal role in SuperQ's growth.



About The **Founder**

[linkedin.com/in/malikhan/](https://www.linkedin.com/in/malikhan/)



Muhammad is a Silicon Valley entrepreneur, tech executive and scientist in the AI, Quantum Computing and Software Engineering space with 18-plus years of experience in industry and academia. He has completed multiple raises for private and public companies, built AI and automation SaaS companies, and led them to various successful outcomes.

After graduating from University of Cambridge, Muhammad worked at top-tier universities around the world before founding startups in Calgary, Dubai and San Francisco. He is the founder and CEO of Staque, an NVIDIA and DataStax partner autonomous AI company based in Canada, US and UAE. Staque is the parent company of SuperQ Quantum (CSE: QBTQ | FSE: 25X | OTC: QBTQF) which is a publicly traded quantum and supercomputing company and a D-Wave, IEEE CS and Web Summit partner.

Muhammad is regularly featured at premier technology conferences such as Web Summit, LEAP, IEEE Conferences, IDC CIO Summit, Qubits and Inventures.

A 5-Star Management Team



Dr Muhammad Khan,
CEO & Director

Silicon Valley executive | Cambridge Alum | AI, blockchain and quantum expert | Former professor



Krishna Ganesh,
Chief Operating Officer & Director

Seasoned data scientist and consultant | Entrepreneur | Ex Big4 Consultant



Manoj Joseph,
Chief Business Officer & Director

B2B Enterprise Sales Leader | Cross-border Market Expansion | Partnerships | Community Builder



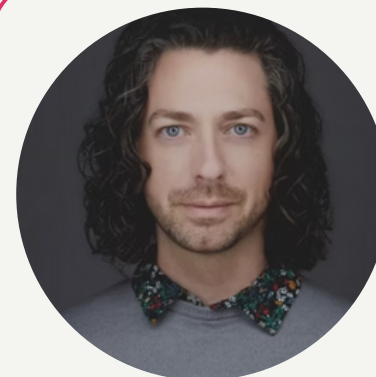
Brian Shin,
Chief Financial Officer

Seasoned public company CFO | Compliance and financial reporting expert



Eyren Uggenti,
Head of Professional Services & Acceleration

Ecosystem builder | Economic developer | Builder of accelerator and incubator programs



Neil McCallum,
Independent Director, Member of the Audit Committee

Senior Geologist and GIS Expert | Mineral Exploration and Mining | Project Management



Shahadat Hossain,
Independent Director, Member of the Audit Committee

Chair of UNBC Comp Sci Dept. | Quantum and high performance computing expert

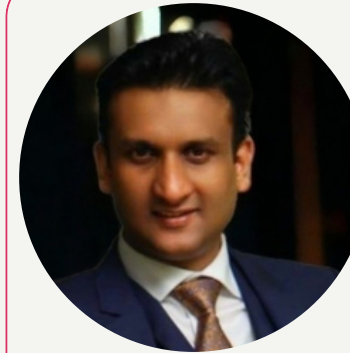
Our **Strategic Advisors**



**Dr Edgar
Bermudez, PhD**

AI & Neuro Sci

Lead AI Scientist |
AMII fellow | OraQ AI |
Professor and post-
doctoral fellow

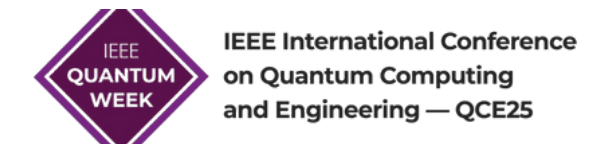


**Dr Raees Tonse,
MD, MBA**

Investor | Quantum
Computing | Global
Advocate for
Preventative Health &
Longevity | Oncologist |
HeathTech | MedTech

SuperQ is not just a company. It is an ecosystem built by forging outcome driven relationships and synergies across the globe. Our partners include Fortune 500 companies, VCs and family offices, innovation hubs, universities, and medical, financial and IT companies.

Select Partners





Let's build a Super future together

DR. MUHAMMAD A. KHAN

CEO & BOARD CHAIR

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