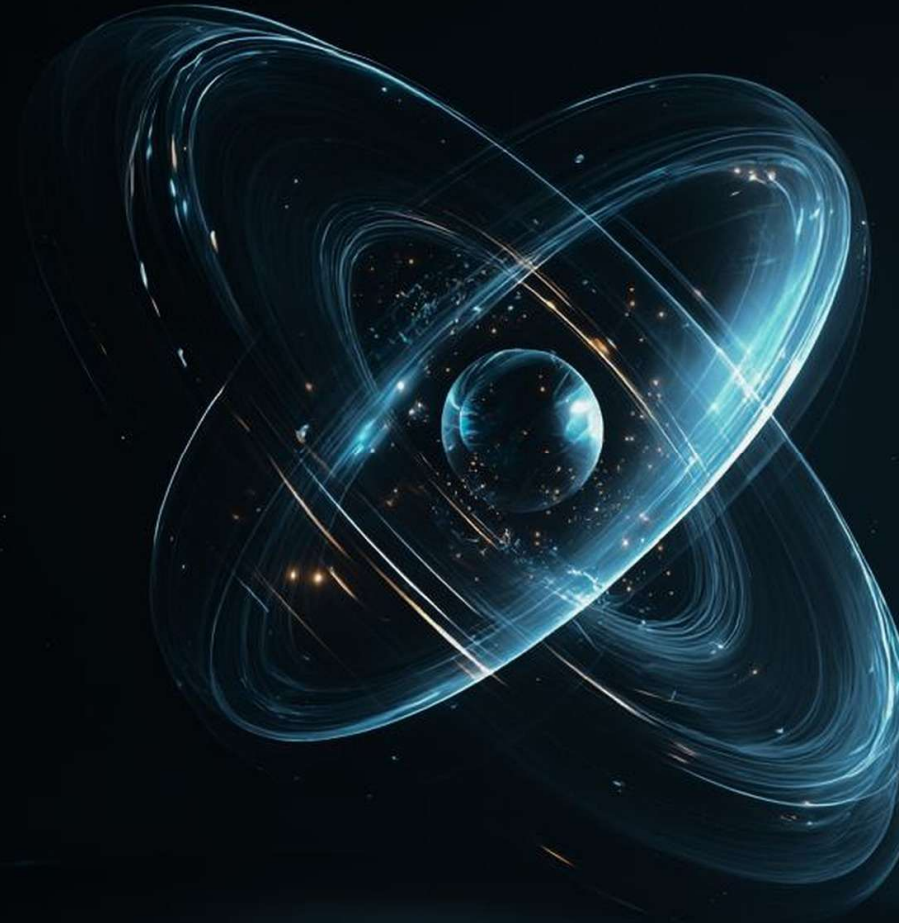


Q2 2026 Investor Presentation



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Today's Speakers



Olivier Roussy Newton

Chief Executive Officer & Chairman

Founder DeFi Technologies (NASDAQ: DEFT) and HIVE Digital (NASDAQ: HIVE), scaled both to multi-billion-dollar market caps and 9-figures in annual revenue.



Lonny Wong, CPA, CA

Chief Financial Officer

Over 30 years in public practice with extensive public company experience across audit and assurance, M&A, financial reporting, and more



Sean Hackett

Head of Product - Silicon

Founded Radical Semiconductor while pursuing BSc in Physics at Stanford. Previously Director of Strategy at Fabric Cryptography.



Philippe Blot

Chief Executive Officer, Qperfect Division

Previously COO at Payinnov, spearheading operations and strategy for a crypto-asset payment solution for retailers.



Chris Tam

President & Head of Innovation, Director

AI engineer with M.Eng in Software Engineering. Deep experience in ML, blockchain, data engineering & quantum technologies.



Mathieu Gauthier

Head of Corporate Development

8+ Years of finance and strategy experience, previously Scotiabank investment banking, University of British Columbia Sauder School of Business MBA



Dr. Guido Masella

Strategic Partner, CTO Qperfect Division

PhD in Condensed Matter Physics from University of Strasbourg. Esteemed Postdoctoral Researcher.

AGENDA

I Q2 Progress Highlights

II Progress Updates and Roadmap by Product

- ↳ QCIM
 - ↳ QSSN
 - ↳ Bitcoin Quantum
 - ↳ QPerfect: MIMIQ, Digital Twin, QLU
-

III Outlook, Financials and Public Markets

- ↳ Second Half 2026 Execution Plan
 - ↳ Financial Position and Public Market
 - ↳ At-The-Market Equity Program
-

I. Q2 Progress Highlights

Q2 2026 Snapshot

Expanding as a Full-Stack Platform

- QPerfect closed July 8: wholly owned EU R&D and commercialization hub in Strasbourg
- Dr. Gopikrishnan Muraleedharan appointed as Head of Quantum Algorithm & Applications Research
- Brandt Pasco joins as U.S. Strategic Advisor for PQC
- Sydney team growing as a designated APAC hub; QCIM team hiring complete

Product Delivery

- QSSN past 100,000 mainnet transactions; settlement 35s → 3.8s
- Bitcoin Quantum: internal audit done, external audit underway
- QCIM + ICTK chip design complete with VIA PUF™
- ITRI validated FIPS 203/204/205 in TSMC 28nm

Capital Markets & Partnerships

- \$150M ATM launch with Cantor; \$12.6M net raised after quarter-end
- Selected for Korea's first bank-led KRW stablecoin pilot
- MIMIQ™ live in production on SDT's QUREKA™
- Strategic collaboration with TIDAL PWR on trusted quantum data center architecture
- Successful AGM with election of all directors, appointment of auditors, and reapproval of omnibus plan

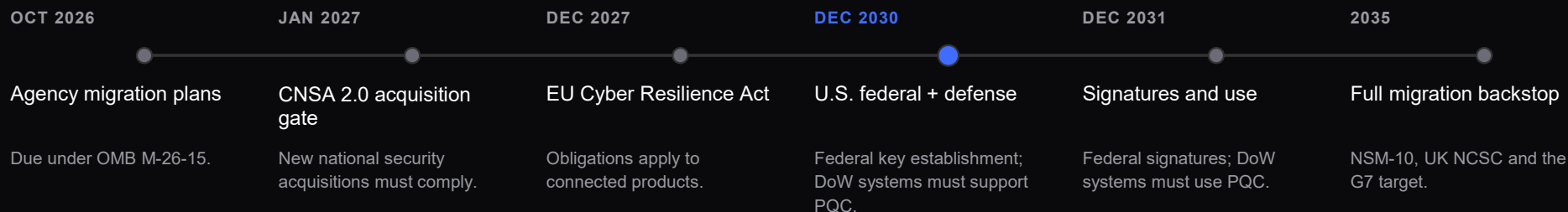
Q2 marked the transition from R&D to push towards commercialization and sales across all four product lines

The Quantum Clock Moved Forward



Washington moved the migration deadline up with institutional capital underwriting quantum risk directly

REGULATORY DEADLINES AHEAD



TARGET MARKETS AT THE QUANTUM DISRUPTION POINT

QSSN

\$30T+

Payments & Digital Money

Cross-border payments and bank-led stablecoin settlement

QCIM

\$15T+

Secure Silicon for Devices

Secure elements for payments, identity, IoT and defense

BITCOIN QUANTUM

\$3T

Digital Assets at Risk

Crypto market cap exposed to a quantum break of ECDSA

QPERFECT

\$280B

Quantum Compute Platforms

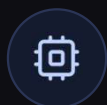
Emulation and developer tooling underpinning HPC roadmaps

Deadlines per EO 14412 (Jun 22, 2026), OMB M-26-15, the DoW PQC Strategy, NSA CNSA 2.0, the EU Cyber Resilience Act, UK NCSC and the G7 Cyber Expert Group. TAM sources include McKinsey, BCG, Citi GPS and BTQ estimates.

Building Trusted Quantum



Trust starts in the chip, extends across financial networks, and carries into quantum computing



01

Silicon Networks

Trust anchored in the chip

Crypto-agile hardware that stays secure as cryptographic standards and threats evolve.

QCIM



02

Blockchain Networks

Trust for digital money

Quantum-safe infrastructure for stablecoins, institutional settlement, and the migration of Bitcoin.

QSSN  **bitcoin** QUANTUM



03

Quantum Accelerated Networks

Trust in quantum systems

The software to build, validate, and deploy the next generation of quantum computers.

 **QPerfect**

MIMIQ™ · OSS · QLU™

II. Product Updates

AI Offensive Tools Bring a New Meaning to Crypto Agility

QCIM

Designed for a fragmenting landscape

BTQ originally made the design decision for crypto agility to cater to fragmenting PQC and cryptographic roadmaps around the world.

AI cryptanalysis has arrived

Now, AI offensive tools are being used to find novel attacks against existing cryptographic systems.

What it requires

AI powered cryptanalysis requires widespread, crypto agile, side-channel secure acceleration in all devices.

Discovering cryptographic weaknesses with Claude

Anthropic Frontier Red Team, July 28, 2026

Quasipolynomial Cryptanalysis of the McEliece Cryptosystem (or: PIR Meets McEliece)

A. Ghoshal, Y. Ishai, A. Jain, and N. Sun, August 7, 2026

AI disclosure. “Still, AI was instrumental for many aspects of this work. OpenAI Codex (ChatGPT 5.6 Sol) was used to verify the results, analyze and improve concrete efficiency, draft some of the proofs, code experiments for the decryption heuristic...”

(from the same paper)

Announcing QCIM Platform Security

QCIM

QCIM is solving existential threats to device trust, stemming from AI and quantum computing, with a new Platform Security team.

Dr. Michael Grace is joining BTQ to provide product leadership and world-class expertise to maximize the value of QCIM in real-world platforms. QCIM Platform Security will bring the software utilities and tools that help device vendors and network administrators utilize QCIM to its fullest in real-world devices and will bring elite platform security features to mass-market devices as third-party IP.



Dr. Michael Grace

Director, KNOX Security (Samsung)

Founding member of the Samsung KNOX team, securing billions of mobile devices and services, with past leadership experience on Google's Android team. 15+ years leading device security teams at Samsung, Google, and startups.

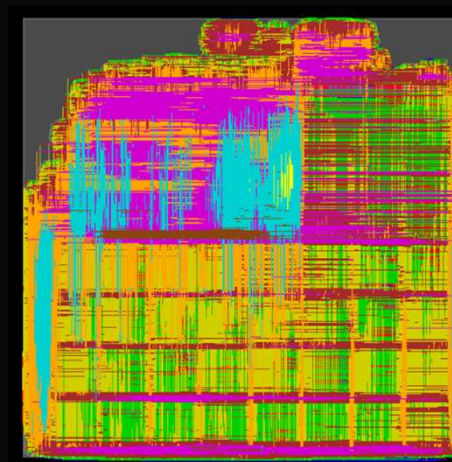
SAMSUNG

Google

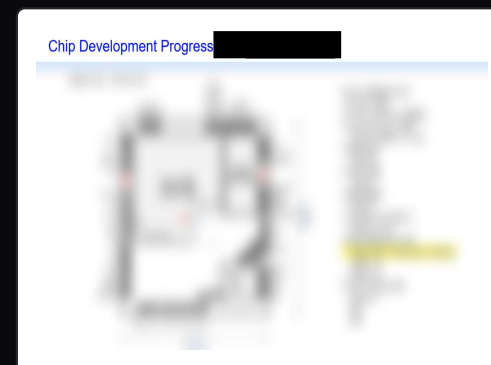
The QCIM Architecture is Taping Out

QCIM

- ✓ QCIM is embedded in a secure enclave today
- ✓ Shown to be able to bring side-channel security for new algorithms with software updates
- ✓ Runs the CNSA 2.0 suite
- ✓ Going through security analysis during Beta Release



QCIM die layout



Chip development progress: SVP

Competitive Sneak Peek: Upcoming Beta Release

QCIM

QCIM's architecture aims for agility, SCA, and performance with the smallest footprint possible for mass adoption

ML-KEM-1024

Keygen	1,010,000 cycles
Encaps	663,000 cycles
Decaps	676,000 cycles

SHA-3-256 (PARALLEL)

5.27

cycles per byte

AES-256-CTR

19

cycles per byte

COMPARED TO CORTEX M4 MCU

- 2-3x better cycles/gate for ML-KEM
- ~3x better cycles/gate for AES
- 14x better cycles/gate for SHA-3

COMPARED TO ASIC ACCELERATORS

- >2x smaller than PQPlatform-CoPro
- >14x smaller than Adam's Bridge
- Crypto agile, with HW level masking options

All achieved in one 55,000 gate block, crypto agile for additional algorithms. With masking settings, QCIM demonstrated resistance in 1M trace TVLA tests on AES-128 on real FPGA hardware, a milestone toward Common Criteria and FIPS 140-3.

Market Timelines

QCIM

FPGA IP

- Overcoming delays from security concerns
- Available in the next few days as a Beta Release
- Performance figures imminent

ASIC IP

- Expected Q1 2027
- We finished our first design-in process and Tape-Out

Standalone Chips

- First samples coming back in Q1 2027
- Expected Production Tape-Out in Q2 2027
- Validation to occur in Q4 of 2027

PATH TO SILICON

Q3 2026

FPGA IP Beta Release imminent

Q1 2027

ASIC IP available; first chip samples back

Q2 2027

Production tape-out

Q4 2027

Chip validation

Moved from design work to a sales cycle: Beta Release imminent, silicon samples in Q1 2027, production tape-out in Q2 2027

QSSN: The Quantum-Safe Control Layer for Regulated Digital Money

QSSN

100,000+

transactions on mainnet

0%

fallback rate, sustained

3

named engagements in Korea

Q2 2026 MILESTONES

01

Korean banking

Core security infrastructure for Korea's first bank-led KRW stablecoin pilot, with iM Bank and Finger.

02

Production scale

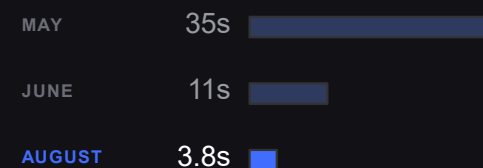
Sustained capability under real workloads, with settlement down nine-fold since May.

03

International pipeline

First US commercial engagements opened, delivering on the Q1 goal to broaden beyond Korea.

SETTLEMENT TIME



Now under 2x a standard wallet

Land Proofs of Concept, Convert to Production, Then Sell to the Ecosystem



In Q2 the team began advanced discussions to provide core post-quantum infrastructure to a major Asia-Pacific layer-1 blockchain, covering a stablecoin application and the quantum-ready upgrade path for its wider ecosystem. No blockchain has yet engaged a commercial partner for this.

COMMERCIAL FOOTPRINT

Finger and Good Morn Korea	Korea	DELIVERED
Danal	Korea	LIVE PILOT
iM Bank	Korea	PROOF OF CONCEPT
Kaia ecosystem	Pan-Asia	IN DISCUSSION
Stablecoin issuer	US, Europe	SCOPED
VASP channel	Taiwan	OUTREACH
Tier-one institution	US	UNDER NDA

REVENUE STREAMS

Advisory and integration
VALIDATED TODAY
Validator node licensing
IN DEVELOPMENT
Transaction validation
ROADMAP

Second Half 2026: Convert Pilots to Production, and Set the Standard

QSSN

01 / EXPAND

Grow the pipeline

- Korean banking and fintech
- Taiwan, where post-quantum readiness and crypto-agility now sit at the centre of the financial regulator's migration guidance
- US and European stablecoin issuers

02 / CONVERT

Pilots to production

- iM Bank toward production deployment
- Ecosystem-level engagement with the APAC layer-1 toward production deployment
- First recurring revenue from validator-node licensing

03 / STANDARDIZE

Set the rails

- Token standard proposal targeted for Q3
- Standards advancement through QuINSA
- Replicate the Korean playbook in adjacent regulated markets



Bitcoin Quantum: Quantum-Safe Digital Gold

Internal audit done, external review underway, mainnet next.

4

releases since the Q1 update

2

Audits (1 completed & 1 under way)

Q3 – Q4 2026

Mainnet target

Q2 2026 MILESTONES



Security

Core protocol audit complete and findings shipped.
Boosty Labs signed for the first external audit.



Engineering

Four releases, including a consensus-level multisig fix.
Mining and hosting at mainnet readiness.



Institutional

Active discussions across market making, wrapped
asset issuance and custody.



A Market That Now Prices Quantum Risk

A store-of-value network built on Bitcoin's design, with post-quantum signatures at the protocol level

WHY NOW

Google Quantum AI

Cut the cost of a 256-bit ECDLP break roughly tenfold.



Galaxy

US\$5M committed to quantum-resistant signatures, wallet migration and audits.



Institutional filings

Quantum now a named risk factor in spot Bitcoin ETF prospectuses.



Delphi Digital

Initiated research coverage on Bitcoin Quantum.



BUSINESS MODEL

Treasury position

[AT LAUNCH](#)

Company mining operations

[AT LAUNCH](#)

Ecosystem value

[ROADMAP](#)

H2 2026: Launch, Distribute, Discover Price

Audit first. Then mainnet, wrapped-asset distribution, and an open market.

01 / LAUNCH

Ship mainnet

- Mainnet targeted late summer to early fall
- Publish external audit results on completion
- Company mining operations live at launch

02 / DISTRIBUTE

Issue the wrapped asset

- Ethereum and EVM-compatible chains first
- Solana and SVM-compatible chains to follow
- Exchange and custody integrations

03 / PRICE DISCOVERY

Open the market

- Liquid spot market listing first
- Perpetual contracts across decentralized and centralized venues
- Market-making relationships in place at launch



QPerfect: Three Synergistic Product Lines

Wholly owned since July 8, 2026

100%

owned since July 8, 2026

6

European patents

€50M

EU pilot line, 28 partners

16

pipeline organizations, five countries

PLATFORM INTEGRATION: FROM BTQ CRYPTOGRAPHY TO QUANTUM HARDWARE

One-Shot Signatures

BTQ cryptography

QLU™ compiler

fault-tolerant compilation, QEC, decoding

Digital Twin

hardware-faithful model, same API as the QPU

MIMIQ™ engine

one codebase under all three

aQCess hardware

50+ logical qubits, 2028–30

Tier 1 · In production

MIMIQ™

Universal quantum circuit emulator. Live on SDT's QUREKA™ and Quobly's QLEO.



Tier 2 · In deployment

Digital Twin

Hardware-faithful model of the aQCess platform, behind the same API as the QPU. Full twin on hardware by year-end.

Tier 3 · In development

QLU™

Fault-tolerant compiler carrying One-Shot Signatures to neutral-atom QPUs. Prototype complete, on track.

On-Premises, Cloud, and International Expansion

2

commercial platforms run on
MIMIQ™: QUREKA™ and QLEO

Export development

Building the international channel

Saudi Arabia: Summer 2026

Vietnam: Fall 2026

A Korean quantum-finance engagement is in discussion, with a BTQ-led post-quantum workstream alongside it.

On-premises deployment

Self-hosted or air-gapped under a perpetual node-locked license: deskside, cluster or HPC. Commercial push in Q4.

Quantum-cloud channel

Platform accessibility expanding through additional ecosystem providers including qBraid and Scaleway.

New MIMIQ™ SaaS platform, end of Q3

Rewritten from scratch, and able to host services beyond MIMIQ.

SDT Inc.: in production

Live on the QUREKA™ platform since the February integration, commercially launched in July.

On-premises deployment opens regulated and sovereign customers that cannot use cloud infrastructure



Public aQCess Partnership

Toward a full, hardware-faithful twin running beside the physical machine by year-end

aQCess partnership, announced July 22, 2026

A hardware-accurate twin of France's first publicly accessible neutral-atom platform, targeting 400+ qubits. Led by CESQ.

Built with MIMIQ™, it reproduces the machine at circuit level and runs both on-premises and in the cloud.

“This is the hardware/software interface moment for quantum which is echoing the transition public-key cryptography went through.”

Philippe Blot, Chief Executive Officer, QPerfect

400+ qubits // led by CESQ // on-premises and cloud

YEAR-END 2026

Target: full Digital Twin running on real hardware

From accurate model to validated twin, beside the physical machine.

FUNDING

Non-dilutive support in place

Bpifrance i-Lab Grand Prix funding continues through 2026. A CESQ Accord Spécifique with SATT, UNISTRA and CNRS is being finalized.

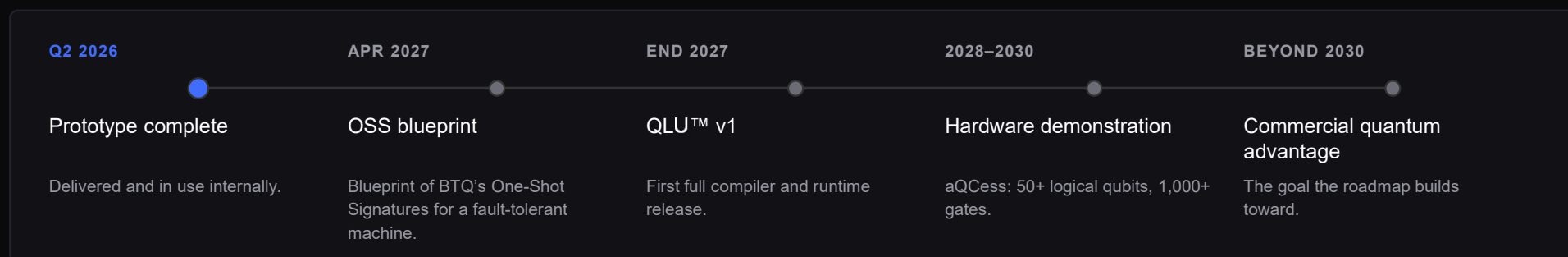
Q-PLANET (EU CHIPS JU)

€50M EU pilot line for neutral-atom quantum chips

28 partners across 11 member states, coordinated by Pasqal. Kicked off July 2026.

Prototype Complete, Development on Track

QLU™ is QPerfect's software stack for compiling and running applications on fault-tolerant quantum computers.



The OSS blueprint, with BTQ

A joint project with BTQ, started before the acquisition and due to complete in April 2027.

The blueprint runs One-Shot Signatures, BTQ's own algorithm, on a fault-tolerant quantum computer.

Research and IP

- Two patents filed; European patent families held in France
- One paper published on a circuit-level OSS implementation (arXiv, June 2026)
- A second paper expected in Q3

QLU™ development is early-stage and on track. Timelines beyond 2026 are targets, not commitments.

H2 2026 Priorities and Market Context

1 Grant portfolio

Several million euros of non-dilutive funding across five European programs, every award competitively reviewed.

2 Research and state of the art

Five papers and eight preprints in 2026, feeding straight into all three products.

3 Next milestone

A deepened CESQ partnership by year-end, alongside the full twin on aQCess hardware.

4 PQC migration

Regulated sectors are moving on quantum-safe migration, which supports BTQ's wider One-Shot Signatures and PQC roadmap.

III. Outlook, Financials and Public Markets

2026 Execution Plan and Outlook



Five priorities guiding the transition from R&D to commercialization for the remainder of 2026

Commercialize QCIM IP

Carry ICTK and ITRI into test chips by year-end, and advance the trusted quantum data center architecture with TIDAL PWR.

Q2 MOMENTUM

Chip design complete; FIPS 203/204/205 validated in 28nm.

Ship Bitcoin Quantum Mainnet

Finish the external audit, launch, and open distribution through wrapped assets and listings.

Q2 MOMENTUM

Internal audit complete; four releases shipped.

Convert QSSN Pilots

Move iM Bank to production, close the APAC layer-1, and land first recurring revenue.

Q2 MOMENTUM

100,000+ transactions; settlement at 3.8s.

Grow the QPerfect Platform

Convert on-premises demand, deliver the full twin on aQCess hardware, advance the OSS blueprint.

Q2 MOMENTUM

Deal closed July 8; MIMIQ™ in production; QLU™ prototype complete.

Disciplined Capital Allocation

Fund the roadmap through the ATM and non-dilutive grants; opportunistic IP or company acquisition where a valuation disconnect exists.

Q2 MOMENTUM

\$150M ATM established and operating to plan; \$12.6M net raised after quarter-end.

Financial Position and Public Market



Quarter ended June 30, 2026; Canadian dollars unless otherwise noted

\$9.73M

cash at June 30, 2026

\$12.63M

raised after quarter-end

147.1M

shares outstanding

NASDAQ: BTQ - SHARE PRICE PERFORMANCE AND VOLUME SINCE NASDAQ LISTING



CASH AND CAPITAL

Cash at June 30, 2026	\$9,729,250
Net proceeds raised after June 30	\$12,628,295

MARKET

Close, August 10, 2026	US\$3.94
Range since listing	US\$2.09 – 16.00
30-day average volume	~1.9M shares

INDEX AND ETF INCLUSIONS

VanEck DEFIANC

KoAct
Samsung ETF

MSCI

WISDOMTREE

Price and volume from Nasdaq, September 26, 2025 to August 10, 2026. Share count per the Disclosure of Outstanding Share Data section of the Q2 2026 MD&A. Financial figures per the unaudited condensed interim consolidated financial statements and MD&A for the quarter ended June 30, 2026, filed August 13, 2026; those statements carry a going-concern material uncertainty.

At-The-Market Equity Program



A \$150M program established June 18, 2026 with Cantor Fitzgerald, sitting inside the existing \$300M shelf

\$150M	2,272,768	\$12.63M
maximum program size	shares issued after June 30	net proceeds from those shares

PROGRAM TERMS

Agreement	Controlled Equity Offering Sales Agreement, June 18, 2026
Agents	Cantor Fitzgerald & Co. (U.S.); Cantor Fitzgerald Canada Corp.
Marketplaces	Nasdaq, Cboe Canada and other permitted marketplaces
Shelf basis	\$300M Canadian base shelf (April 29, 2025, as amended September 22, 2025); Form F-10 No. 333-290517
Supplements	Canadian and U.S., both dated June 18, 2026
Use of proceeds	Working capital, balance sheet, potential acquisitions

Share issuances during and after the quarter are as disclosed in Note 7 and Note 20 of the Q2 2026 interim financial statements, filed August 13, 2026, in each case under the base shelf prospectus supplement.

Thank you!

For investor relations inquiries, please contact:

ir@btq.com

