



Investor Day 2026

NEW YORK STOCK EXCHANGE

Sept. 8, 2026



Jordan Shapiro

PRESIDENT, QUANTUM PLATFORM





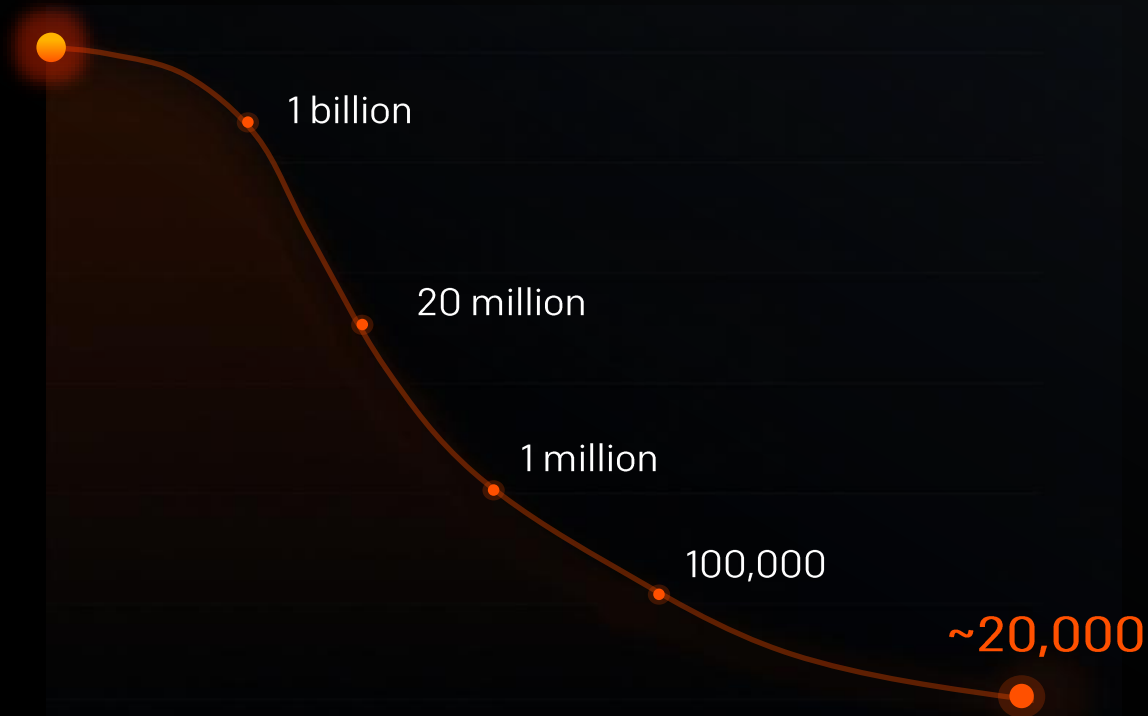
IONQ

CONVERGING FACTORS DRIVING POST-QUANTUM MIGRATION READINESS

First Fully Compiled, End-to-End Blueprint for Breaking 256-Bit Elliptic-Curve Signatures

19,397

trapped-ion physical qubits



June 2026: Executive orders to prepare for Q-Day

EXECUTIVE ORDER 14412 | JUNE 22, 2026



Securing the Nation Against Advanced Cryptographic Attacks



QUANTUM SECURITY POSTURE MANAGEMENT

**CNSA 2.0 AND NIST-ALIGNED
LIFECYCLE MANAGEMENT**



**MANAGE AND ORCHESTRATE
QUANTUM-SAFE KEYS**



**PHYSICS-BASED QUANTUM KEY
DISTRIBUTION PROTECTION**



IonQ brings these layers together and is continuing to expand the capabilities required for a complete quantum-safe architecture.



IONQ

OUR QUANTUM SECURITY PLATFORM IS IMPACTING THE MARKET TODAY



CONGRUITY | 360



QKD and PQC protect one of the largest commercial quantum security agreements announced in the U.S. to date

Singtel



end-to-end nationwide quantum-safe network supporting financial services and other critical industries

SK broadband



Over 800-km secured by 27 QKD links, 127 secured connections, and infrastructure designed for commercial extension

CONTINUED MARKET VALIDATION

STANDARDS & EVALUATION



NIST

INFRASTRUCTURE & ENTERPRISE



colt



World's largest financial institution

GOVERNMENT & DEFENSE





IONQ

IONQ QUANTUM SECURITY SOLUTIONS MADE STRONGER BY CUTTING EDGE ADVANCEMENTS IN QUANTUM COMPUTING

Quantum security



Most companies approach this from one side of the problem. We have both: **understand risks as they emerge** and **test product effectiveness**



Quantum computing

Only quantum computing company with quantum security to **remediate vulnerabilities**





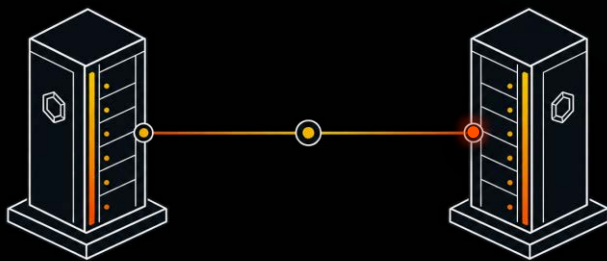
IONQ INTEGRATED SOLUTIONS: DISTRIBUTED QUANTUM COMPUTING

Connect the processors. **Build** the network. **Extend** beyond fiber.

INTERCONNECT

Two independent commercial trapped-ion systems connected

PROVEN TODAY



EXTEND

Free-space optical links extend quantum connectivity across ground, air, sea, and space.

A FUTURE BEYOND FIBER

BUILDING WHATS NEXT

NETWORK

Interoperable network layer for distributed quantum systems





Quantum Radar Image Change Detection

MARINE CORPS AIR STATION MIRAMAR, SAN DIEGO, CA

Before SAR image



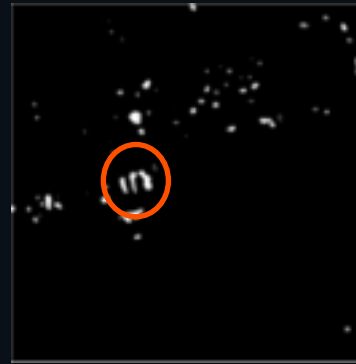
After SAR image



Ground truth change



Quantum, on QPU | 0.41



Classical, NLCD | 0.16



Classical, Copula | 0.24



Increase in false
change detection

The number above is the filtered F1 score. It combines missed changes and false detections into a score between 0 (missed changes and false detections) and 1 (no missed changes or false detections).

On this complex dataset, quantum processing reduced false detections to isolate meaningful change



IONQ INTEGRATED SOLUTIONS: TIMING, THE FOUNDATION OF EVERYTHING

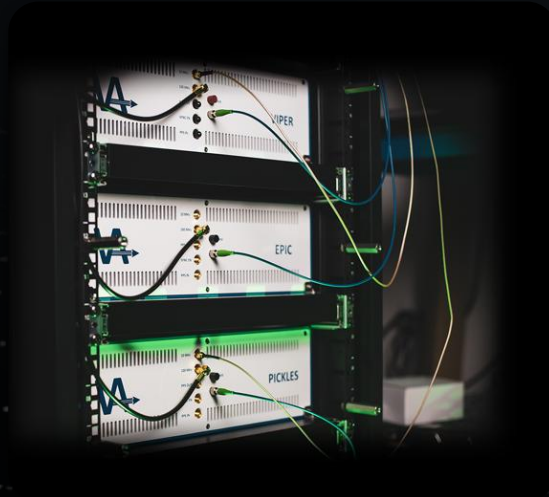
Time transfer modules



FIRST
OPTICAL ATOMIC CLOCK

Operated at sea

Three optical clocks



1000x
BETTER TIMING

vs. microwave clocks

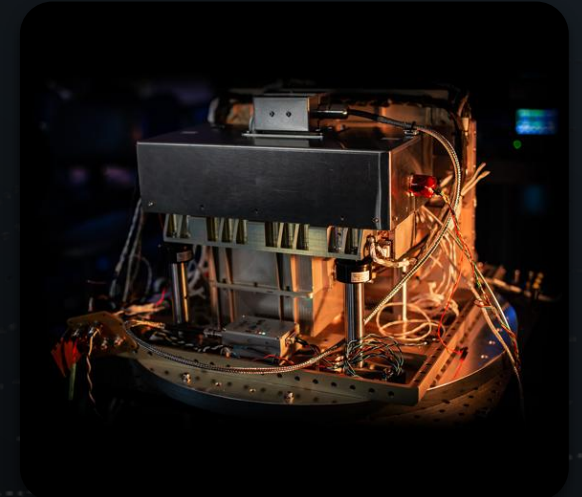
Atomic gravimeter



NIST
VALIDATED

Highest performing clock
in the NIST ensemble

Atomic gyroscope



FIRST
STRATEGIC-GRADE
QUANTUM INERTIAL SENSOR

Flown in space



The U.S. Government is supporting and deploying the building blocks of the future platform



COMPUTE

DARPA QBI:
Phase B



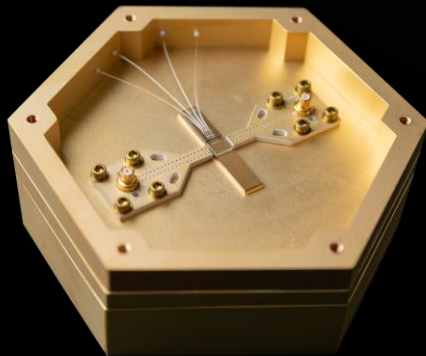
SENSING

DARPA It's About Time:
125 quantum clocks

DARPA GRAVMAP

DIU CRUISE

DIU QuIX



NETWORKING

DARPA HARQ:
*High-speed multi-modality
quantum interconnects*

AFRL:
*scalable/deployable
quantum networking*

*free-space networking /
UAS work*



SPACE

SDA HALO:
*Tactical satellite
communications
demonstration*

84 OCTs on orbit,
supporting SDA Tranche 1

NRO RCA



Important Information

FORWARD-LOOKING STATEMENTS AND OTHER INFORMATION

This presentation contains forward-looking statements. All statements other than statements of historical fact are forward-looking statements, including but not limited to statements regarding our guidance for the financial performance of our business and certain of its components, our quantum computing roadmap including expected changes in the cost per qubit, the scaling of our manufacturing and operations including potential acceleration with SkyWater, the timeline to breaking encryption, expectations surrounding the future of the global quantum market, our competitive position, and the applications of our technology. In some cases, you can identify forward-looking statements because they contain certain words such as “anticipate,” “believe,” “close,” “confident,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” or the negative of these words or other similar terms or expressions. Forward-looking statements are subject to various risks and uncertainties. Accordingly, there are important factors that could cause actual outcomes or results to differ materially from those indicated in these statements. Moreover, new risks and uncertainties emerge from time to time, and it is not possible for us to predict all risks and uncertainties that could have an impact on the forward-looking statements contained in this presentation. The results, events and circumstances reflected in the forward-looking statements made herein may not be achieved or occur, and actual results, events or circumstances could differ materially from those described in the forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on any forward-looking statements. For additional information on these and other factors that could cause our actual results to differ materially from those set forth in the forward-looking statements contained in this presentation, please see our Annual Report on Form 10-K for the year ended December 31, 2025 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2026 filed with the Securities and Exchange Commission. All information contained herein speaks only as of the date of this presentation, except where otherwise stated. Except as required by law, we undertake no duty to update or revise the information contained herein, publicly or otherwise, including any forward-looking statements.

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