



Why Quantropi? Why now?

The Solution to a \$50 Trillion problem.

Artificial Intelligence (AI) combined with quantum computing is putting the \$50 Trillion Global Digital Economy at risk. The threat is to break today's cryptography. **ALL** digital transactions and communications are vulnerable and need quantum secure protection now.

Enter QiSpace™

Quantropi's **QiSpace™** provides next generation cryptographic agility to defend against quantum and AI attacks – today. Only Quantropi has the **three** fundamental elements required for complete cryptographic quantum security:

- ▶ Asymmetric Encryption (quantum-secure)
- ▶ Symmetric Encryption (quantum-secure)
- ▶ Quantum Random Number Generation and Distribution (quantum-secure)

**No new hardware or infrastructure. Works on today's Internet.
Quickly and easily deployable.**

Product

QiSpace™ TrUE Quantum Secure
Cryptography Platform

Markets

- ▶ Major Product Manufacturers
- ▶ IoT (Embedded Platforms)
- ▶ Global Enterprises
- ▶ Governments

Traction

Palo Alto Networks, Siemens, Canadian
Special Forces, NATO Approved Supplier

Export Licenses

30+ countries

Capitalization

Actively Fundraising

By the Numbers



Founded to protect data
& communications



Rigorous IP &
Commercial
Product Development



9 Patents Granted,
10 Patents Pending,
30 Scientific Publications



Angel / Seed
Funding to Date



ARR 2024 Sales
Projection

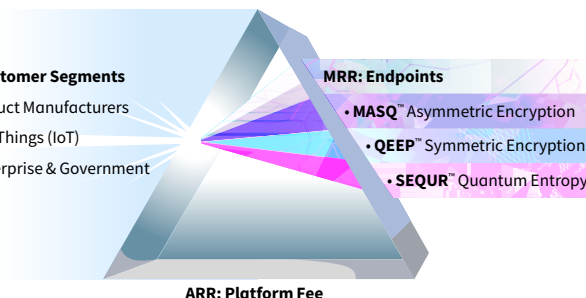


Addressable Market,
8x Increase From
2023–2030

Go To Market Strategy

3 Scalable Customer Segments

- Major Product Manufacturers
- Internet of Things (IoT)
- Global Enterprise & Government



Quantum Security TAM: Y2Q Impact





Trial Customers and Partners

SIEMENS

paloalto
NETWORKS

Microsoft

MICROCHIP

BlackBerry

CALIAN
Group Ltd.

Visuality Systems

KEYFACTOR

THALES

aws

FLEON™

inCSS

Deutsche Telekom

TELUS

Cypherbridge®

RENESAS

DLS

Deloitte.

Fidelity

TELESAT

INTRINSIC ID

NCS

EY

KPMG

Experienced Leadership, Iconic Management Team



James Nguyen
Co-founder & CEO



With a profound understanding of banking and global finance, James actively invests in and advises early-stage companies in the fields of Quantum Technologies and Fintech, particularly in emerging markets. Prior to his role as CEO at Quantropi, he served as the Chief Investment Officer and VP of Asia Operations for a diverse group of private and public interests involved in real estate, mining, energy storage, and manufacturing. A Top Forty Under 40 recipient, and with his degree in Economics from Carleton University, James participates as a speaker and panelist at international conferences focused on quantum technology, cybersecurity, and investment. He also contributes to the community as a volunteer and mentor, leveraging his expertise and experiences to benefit others.



Dr. Randy Kuang
Co-founder & Chief Scientist



Randy holds a doctorate in quantum physics. His research findings have been published in top international journals and in 2012, NASA even named a paper after him — “Kuang’s Semi-Classical Formalism”. With a career spanning IT, including with Nortel as senior network researcher & developer, he co-founded inBay Technologies in 2009, serving as CTO of the cyber-security platform. As the first recipient of a patent for two-level authentication (2011), Randy is a prolific inventor, with 30+ U.S. patents in broad technology fields, such as WiMAX, optical networks, multi-factor identity authentication, transaction authorization, as well as concepts, technologies and industrial applications for quantum key distribution.



Michael Redding
CTO



Before joining Quantropi, Mike was Managing Director and co-founder of Accenture Ventures, where he grew a global portfolio of strategic partnerships and 38 equity investments in emerging technology startups. During his nearly 30 years with Accenture, he incubated and launched technology innovations for enterprises across multiple geographies and industries. Ever-passionate about bold ideas with game-changing results, he speaks frequently on the impact of emerging technology on large organizations. With a bachelor’s degree in Electrical Engineering and Computer Science from Princeton, and a Master’s in Biomedical Engineering from Northwestern, Mike is a former member of the Board of Directors for the Accenture Foundation and Board Observer for startups Maana and Splice Machine.



Marco Pagani
Chairman of the Board of Directors



Marco Pagani began his long and successful career as a senior executive in Ottawa’s high-tech sector in 1985, with Nortel Networks (then Bell-Northern Research). He rose across two decades to become president of several Nortel Business Units, managing more than 2,000 employees and over \$1 billion in revenue. Having gone on to advise numerous organizations, as well as guide a range of companies through complex, critically necessary turnarounds, he is particularly respected for placing a strong emphasis on ethics and corporate governance in building the culture of the corporate and not-for-profit organizations he leads and supports.



Jay Toth
SVP Sales



Prior to joining Quantropi, Jay was Chief Growth Officer of Kepro, responsible for the organization’s overall growth strategy in government markets. Before that, Jay held a progression of sales leadership and general management roles during his nearly 17 years at Microsoft, including GM, Enterprise Services, State and Local Government & Education, during which period he was responsible for the most complex business in the U.S. subsidiary (with 2,000 customers across the country), nearly doubling revenue from \$160M to over \$300M. Prior to his career at Microsoft, Jay was VP at Risetime, where he launched and ran a Financial Services practice area, and a Manager at Accenture in the Emerging Technology Solutions group. He holds a Bachelor of Science in Mechanical Engineering from the University of Virginia.



Brian LaMacchia
Advisor



Brian LaMacchia recently retired from Microsoft Corporation where he was a Distinguished Engineer and head of the Security and Cryptography team within Microsoft Research. He is an Adjunct Associate Professor in the Luddy School of Informatics, Computing, and Engineering at Indiana University Bloomington, an Affiliate Faculty member of the Paul G. Allen School of Computer Science and Engineering at the University of Washington. Brian also currently serves as Treasurer of the International Association for Cryptologic Research (IACR) and as a Vice President of the Board of Directors of Seattle Opera. Brian received S.B., S.M., and Ph.D. degrees in Electrical Engineering and Computer Science from MIT in 1990, 1991, and 1996, respectively.

