



Turnium Technology Group and 01 Quantum Forge Global Strategic Alliance to Deliver Quantum-Safe Email Encryption

NIST-approved PQC (FIPS-203 and FIPS-204 standards), IronCAP X™

September 2, 2025 – Vancouver, Canada – **Turnium Technology Group Inc. (TSX.V: TTGI) (FSE: E48)** ("TTGI" or "the Company"), a leader in Technology-as-a-Service (TaaS), and **01 Quantum Inc. (TSXV: ONE) (OTCQB: OONEF) ("01")**, a provider of a quantum-safe end-to-end email and file encryption system designed for enterprise use, announce the signing of a global strategic alliance to deliver quantum-safe email encryption solutions.

"This agreement marks a significant step forward in our mission to provide secure and future-ready technology services," said Doug Childress, Global CEO of TTGI. "We look forward to working closely with 01 to bring quantum-safe cybersecurity to our customers."

TTGI will offer 01's IronCAP X™ Post-Quantum Cryptography (PQC) email service, leveraging TTGI's worldwide partner network to reach organizations seeking robust, quantum-safe email and file encryption. TTGI will leverage this strategic relationship to help their partners reach companies storing and/or exchange sensitive data via email (e.g., financial, healthcare, legal, government).

IronCAP X™, developed by 01, is a quantum-safe end-to-end email and file encryption system designed for enterprise use. Built on NIST-approved PQC (FIPS-203 and FIPS-204 standards), IronCAP X™ ensures that emails remain fully encrypted from sender to recipient, protecting against both current and future cyber threats, including those posed by quantum computers. The system integrates effortlessly with popular enterprise email clients Microsoft Office Outlook, offering digital signing and encryption without disrupting user workflows. With its patent-protected technology and zero learning curve, IronCAP X™ delivers unmatched security and usability for organizations seeking future-proof communication solutions.

"This partnership positions us to help enterprises future-proof their communications against quantum threats," said Andrew Cheung, President and CEO of 01. "TTGI's deep industry knowledge and commitment to innovation make them an ideal partner to accelerate the adoption of our quantum-safe end-user SaaS solutions."

The partnership is effective immediately, and both companies are committed to delivering value through joint initiatives, customer engagements, and continued innovation.

About 01 Communique

As [recently announced](#), the Company is in the process of rebranding to 01 Quantum Inc.

01 Communique (TSX-V: ONE; OTCQB: OONEF) has always been at the forefront of

technology. The Company's cyber security business unit focuses on post-quantum cybersecurity with the development of its IronCAP™ product line. IronCAP™'s technologies are patent-protected in the U.S.A. by its patents #11,271,715 and #11,669,833. The Company's remote access business unit provides its customers with a suite of secure remote access services and products under its I'm InTouch and I'm OnCall product offerings. The remote access offerings are protected in the U.S.A. by its patents #6,928,479 / #6,938,076 / #8,234,701; in Canada by its patents #2,309,398 / #2,524,039 and in Japan by its patent #4,875,094.

For more information, visit the Company's website at www.ironcap.ca and www.01com.com

About Turnium Technology Group Inc.

Turnium Technology Group Inc. (TTGI) acquires companies that complement its Technology-as-a-Service (TaaS) strategy, integrates them to generate efficiencies, and delivers their solutions through a global channel partner program to customers worldwide. TTGI's mission is to provide IT providers with a complete, white-labelled portfolio of business technology solutions, enabling them to quickly add new services in response to customer demand.

In essence, Turnium is building a TaaS platform that incorporates all the services, platforms, and capabilities that ISPs, MSPs, IT Providers, VoIP/UCaaS, CCaaS, or Cloud Providers might need. Additionally, Turnium provides deployment resources, hardware, delivery, support, and marketing and sales enablement to help channel partners go to market quickly and deliver exceptional quality.

Turnium delivers secure, cost-effective, uninterrupted, and scalable global IT solutions to its channel partners and their end-customers—because “Connectivity Matters.”

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