



01 Communique Announced and Demonstrated IronCAP X, a Post-Quantum Email and File Encrypted System

TORONTO, ON – April 25, 2019. 01 Communique Laboratory Inc. (ONE:TSX-V) gave shareholders a first glimpse of the Company's post-quantum email and file encrypted system, IronCAP X, at its Annual Shareholders' Meeting held yesterday in Toronto.

IronCAP X is the Company's first product incorporating its patent pending IronCAP Crypto ("ICC") technology and is believed to be the world's first quantum-safe email system. The system demonstrated at the Company's shareholder meeting showed how easy it is to send and receive an email that encapsulates 01's encryption and digital signing system, IronCAP X, providing an end-to-end encrypted message that only the recipient can decrypt and read. The Company reiterated that it is on track for a commercial release of IronCAP X later this year being the fall of 2019.

"Today cyber security systems are primarily based on the mathematical difficulty of prime number factorization that would take the supercomputer of today over 100 years to crack," said Andrew Cheung, President and CEO of 01 Communique. "Quantum computers, with millions of times faster processing speeds, are capable of shrinking the 100 years into seconds or less. They are poised to disrupt the world of cyber security including blockchains. What we are doing is introducing our patent pending code based encryption into the equation which speeds up the quantum computer safe encryption/decryption key generation process. The end result is an end-to-end system, IronCAP, which is easy to use and protects your data from being hacked by the super computers of today and the quantum computers of tomorrow."

About our ICC technologies:

The Company's invention, as described in its United States patent application Nos. 16/268,098 filed in January 2019, relates generally to cryptographic systems and methods. It is a unique cryptographic system that is not only designed to be safe from malicious attacks from quantum computers in the future but it can also be implemented on today's classical computer systems to safeguard them from malicious attacks that are present in today's environment. Its application is very broad. Solution vendors of many industries such as email encryption, file encryption, digital signature, blockchain implementation, remote access / VPN, credit card security, cloud storage, password management, etc can easily transform their solutions to safeguard against the threat in the post-quantum world of computing. The email/file encryption and digital signature product described above is one of these vertical applications that the Company intends to implement and offer as a commercial product.

Neither TSX Venture Exchange ("TSX-V") nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

About 01 Communique

Established in 1992, 01 Communique Laboratory Inc. (TSX-V: ONE) has always been at the forefront of technology. The Company's legacy business provides its customers with a suite of secure remote access services and products. In early 2018 the Company began transitioning its business focusing on cybersecurity with the development and implementation of Post-Quantum Cryptography and Post-Quantum Blockchain technologies, which can be implemented on classical computer systems as we know them today while at the same time intended to be secure enough to safeguard against potential Quantum Computer attacks. The Company's legacy products 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 web site at www.01com.com

Cautionary Note Regarding Forward-looking Statements.

Certain statements in this news release may constitute "forward-looking" statements which involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements

of the Company, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. When used in this news release, such statements use such words as “may”, “will”, “expect”, “believe”, “plan”, “intend”, “are confident” and other similar terminology. Such statements include statements regarding the timing of the release of IronCAP X later this year, the future of quantum computers and their impact on the Company's product offering, the functionality of the Company's products and the intended product lines for the Company's technology. These statements reflect current expectations regarding future events and operating performance and speak only as of the date of this news release. Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not such results will be achieved. A number of factors could cause actual results to differ materially from the results discussed in the forward-looking statements, including, but not limited to, the factors discussed under “Risk and Uncertainties” in the company's Management's Discussion and Analysis document filed on SEDAR. Although the forward-looking statements contained in this news release are based upon what management of the Company believes are reasonable assumptions, the company cannot assure investors that actual results will be consistent with these forward looking statements. These forward-looking statements are made as of the date of this news release, and the company assumes no obligation to update or revise them to reflect new events or circumstances.

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