



01 Communique provides FREE Live Demo of IronCAP Post-Quantum Cryptography Technology

TORONTO, ON – Sept 23, 2020. 01 Communique Laboratory Inc. (“01 Communique”) (ONE:TSX-V) today announces that IronCAP is the first in the post-quantum cybersecurity industry to provide a free live demo of its post-quantum cryptography IronCAP technology. IronCAP technology can be used to encrypt sensitive data such as those sent by financial, legal, and other institutions, and protects personal or business data.

The live demo is available at www.ironcap.ca.

The demo allows the user to type a message or upload a small file to receive back the encrypted data, which can then be uploaded back for decryption. Demo users are encouraged to independently hire experts to assess the strength of the IronCAP encrypted data.

Andrew Cheung, CEO of 01 Communique, stated, “Demo users will find that our IronCAP X product is more secure and faster than current encryption alternatives to address the growing concern about personal information that can be collected, shared, and maliciously hacked. We need to be ready for an upcoming Quantum threat. The challenge is that we need quantum safe cryptographic technology that has been tested and works.” Mr. Cheung further commented, “IronCAP is the safeguard for this threat as IronCAP technology is built on a 40-years time-tested Goppa Code-based cryptography and is the world’s first commercially available quantum-safe end-user application on the market. Our IronCAP technology can be integrated into many vertical applications such as email, remote access, blockchain, data storage systems, 5G/IoT devices, website security, password security. For example, IronCAP’s digital signature on all emails shuts down the main source of most malicious activities such as ransom attacks and phishing email scams!”

About IronCAP and IronCAP X:

IronCAP is at the forefront of the cyber security market and is designed to protect our customers from cyber-attacks. IronCAP’s patent-pending cryptographic system is designed to protect users and enterprises against the ever-evolving illegitimate and malicious means of gaining access to their data today as well as in the future with the introduction of powerful quantum computers. Based on improved Goppa code-based encryption it is designed to be faster and more secure than current standards. It operates on conventional computer systems, so users are protected today while being secure enough to safeguard against future attacks from the world of quantum computers. An IronCAP API is available which allows vendors of a wide variety of vertical applications to easily transform their products to ensure their customers are safe from cyber-attacks today and from quantum computers in the future.

IronCAP X, a new cybersecurity product for email/file encryption, incorporating our patent-pending technology, was made available for commercial use on April 23, 2020. The new product has two major differentiations from what is in the market today. Firstly, many offerings in today’s market store users secured emails on email-servers for recipients to read, making email-servers a central target of cyber-attack. Our new product, on the other hand, delivers each encrypted message end-to-end to the recipients such that only the intended recipients can decrypt and read the message. Consumer’s individual messages are protected, eliminating the hackers’ incentive to attack email servers of email providers. Secondly, powered by our patent-pending IronCAP technology, we believe our new product will be the world’s first quantum-safe end-to-end email encryption system; secured against cyberattacks from today’s systems and from quantum computers in the future. Consumers and businesses using our new products will have tomorrow’s cybersecurity today.

About 01 Communique

Established in 1992, 01 Communique (TSX-V: ONE) 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 technology. IronCAP’s patent-pending cryptographic system is an advanced Goppa code-based post-quantum cryptographic technology that can be implemented on classical computer systems as we know them today while at the same time can also safeguard against attacks in the future post-quantum world of computing.

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 web site at www.ironcap.ca and 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 and 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.

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.

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