Quantum eMotion’s Francis Bellido on Building the Backbone of Quantum-Era Cybersecurity

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June 24, 2025 – “We’re still in the jungle when it comes to security in healthcare,” says Francis Bellido, President and CEO of Quantum eMotion Corp. (TSXV: QNC | OTCQB: QNCCF), a quantum cybersecurity company now at the forefront of digital health innovation. Speaking with InvestorNews.com host Tracy Hughes, Bellido detailed a transformational six months for the Montréal-based company—one that included technical breakthroughs, strategic expansion into the U.S., and a growing presence on the capital markets radar.

At the heart of Quantum eMotion’s momentum is *Sentry-Q*, the company’s secure platform designed to safeguard digital therapeutics and remote healthcare delivery. As patients with chronic conditions increasingly demand care outside of hospital walls, Bellido notes that “technology today can actually take care of the patient and even improve the treatment—and the cost actually reduces dramatically.” But this progress is threatened by a critical flaw: “Patient health records are the #1 or #2 assets most stolen by cyber criminals,” he says. “The average cost of a healthcare data breach can reach $10 million.”

To address this, Quantum eMotion has developed a chip-level defense system rooted in quantum physics. “The miniaturization of our technology allows us to bring a chip that could ultimately act as a universal defense system, autonomously protecting any device connected to the Internet,” Bellido

explains. “That could be a game changer for the company.”

The company’s technological breakthrough was confirmed in late May with the announcement that Quantum eMotion had finalized and submitted its first-generation Quantum Random Number Generator (QRNG) chip design to TSMC for fabrication. The chip—based on quantum electron tunneling—successfully passed all simulations and lab tests, with the ability to produce over 1 Gbit/sec of true quantum randomness. “This is the first QRNG chip based on the quantum tunneling effect and protected by four international patents,” Bellido said in the official release. “We are setting a new benchmark in performance, scalability, and integration.”

Bellido is also quick to credit the company’s evolving leadership and global reach for driving its momentum. A new American subsidiary has been launched in Irvine, California—what Bellido calls “the second Silicon Valley”—with the appointment of former IBM executive John Young as head of U.S. operations. “He fell in love with the technology and is an incredible advocate for us,” says Bellido. “He’s very public, and that’s going to help us tremendously.”

Quantum eMotion’s resurgence hasn’t gone unnoticed by investors. In November, the company struggled to raise capital at CA$0.10 per share. “We had difficulties raising funds,” Bellido recalls, “but we’ve now raised two private placements with significant success—and we could do more if we wanted.”

That success is translating into heightened visibility. The company recently attracted strong investor interest during a widely attended InvestorTalk session. Bellido confirms that an uplisting to the Nasdaq is part of the company’s strategic roadmap: “It’s part of the plan. It’s just a matter of choosing the right moment,” he says. “We want to be ready.”

As for revenue, Bellido remains optimistic but cautious. “We are

what you would consider a high-growth company. It’s difficult to plan because things change rapidly,” he says. Still, the target is clear: “By the end of 2026, we should start getting close to break even.”

With a chip poised for mass deployment, a leadership team rooted in Silicon Valley culture, and a clear trajectory toward Nasdaq, Quantum eMotion is positioning itself as one of the most consequential players in the quantum cybersecurity arena.

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About Quantum eMotion Corp.

The Company aims to address the growing demand for affordable hardware and software security for connected devices. QeM has become a pioneering force in classical and quantum cybersecurity solutions thanks to its patented Quantum Random Number Generator, a security solution that exploits the built-in unpredictability of quantum mechanics and promises to provide enhanced protection for high-value assets and critical systems.

The Company intends to target highly valued Financial Services, Healthcare, Blockchain Applications, Cloud-Based IT Security Infrastructure, Classified Government Networks and Communication Systems, Secure Device Keying (IOT, Automotive, Consumer Electronics) and Quantum Cryptography.

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