

H.C.E.T. Technologies Q4 Update

H.C.E.T. Technologies Announces Groundbreaking Progress in Programmable SSD Technology, Preparing for First Commercial Launch

MARKHAM, ONTARIO, CANADA, October 18, 2024 /EINPresswire.com/ -- H.C.E.T. Technologies is thrilled to announce that, following years of intensive research and development, it is nearing the commercial launch of its first product—an advanced programmable SSD with the storage capacities of 100TB and beyond. This product marks the culmination of over 30 years of pioneering work by our IT Scientists, whose proprietary mathematical algorithms are now embedded in a custom-designed chip. This chip enables unparalleled programmability, allowing the SSD's capacity to be dynamically adjusted and optimized.

The innovative SSD employs these algorithms to implode data LOSSLESSLY and manage it with unprecedented efficiency. The most remarkable feature is the ability to store any type of file—whether images, videos, or documents—into a 24-digit token using a single set of algorithms, eliminating the need for different strategies based on file type.

Recently, H.C.E.T. Technologies presented a live demonstration of the SSD prototype to a client at Singapore. The client was thoroughly impressed with the demonstration and issued a formal Purchase Order (PO) for the product. In response, H.C.E.T. is now working to compile the algorithms and create a fully operational prototype for delivery to the client's lab. Once this prototype is delivered, the company expects the deposit for the first order to be initialized, moving the project one step closer to full-scale commercialization.

"I feel incredibly honored to have worked alongside the inventor in this transformative journey. What began as research with room-sized CPUs and servers has evolved, thanks to advancements in IT and hardware, to a point where we can now leverage the power of a mobile phone's CPU to manage and manipulate data in ways we never thought possible," said Dickson Ng, CEO of H.C.E.T. Technologies. "The rapid pace of technological advancements over the last decade has made the commercialization of our breakthrough technology both achievable and exciting."

The CEO further commented on the disruptive nature of the technology: "This technology is truly incredible. It has the potential to redefine how data storage works on a fundamental level. However, the challenge is that it's so advanced, it may be hard for people to fully grasp its significance right away."

"The first hint of this groundbreaking technology occurred in May 2013, when it was witnessed

by a third-party lab. By November of that year, a pre-patent application had been filed, which set the stage for a decade of intensive development, research, and refinement. In October 2022, I was officially working with the greatest inventor to bring this technology to a commercial level. Today, the company is poised to deliver a product that will not only revolutionize data storage but will have significant applications in many industries." said Dickson Ng.

Looking forward, H.C.E.T. Technologies is focused on patenting the wide-ranging applications of this technology, with potential use cases spanning from data storage to offline cloud storage, off-grid digital wallets, bandwidth-less video streaming, telecommunications, biotech, GPS systems, and even personal data centers. H.C.E.T.'s vision is to license its technology across these sectors, helping clients realize new efficiencies in data handling and storage.

About H.C.E.T. Technologies

HCET is dedicated to developing cutting-edge technology solutions that empower individuals and businesses in the digital age. With a strong focus on data management and security, HCET aims to deliver innovative products that enhance efficiency and convenience.

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