

Accelsius Partners with Nordik Data Centers to Build Next-Generation AI Data Center and Co-Innovation Lab

02.11.25

AUSTIN, Texas & MONTREAL--([BUSINESS WIRE](#))--[Accelsius](#)™, a leader in innovative two-phase, direct-to-chip cooling technology, today announced a strategic partnership with Nordik Data Centers to build a next-generation AI data center near Montreal. The project features a co-innovation lab where customers can validate performance metrics and efficiency gains of Accelsius' cooling technology in real-world conditions.

The co-innovation lab, which will be operational in the second quarter of 2025, is designed to support the most advanced compute workloads and densest compute pods on the market. The facility provides a comprehensive testing, measurement, and benchmarking environment, delivering credible, data-backed proof of Accelsius' superior performance and sustainability.

An Advanced Facility in Montreal

This facility reflects Nordik Data Centers' commitment to address the demands of future GPU generations and high-performance compute. This project is designed to push the limits of AI infrastructure by offering the first-of-its-kind opportunity to test and measure critical data center performance metrics, including free cooling potential, Power Usage Effectiveness (PUE), higher facility water temperature ranges, and optimized heat rejection methods—all key for supporting sustainable and high-performance operations.

Nordik Data Centers selected two-phase, direct-to-chip liquid cooling to protect their customers' investment in high-value IT infrastructure. Individual racks frequently exceed \$1 million in server costs, and the technology eliminates the risk of water-based cooling system leaks while delivering superior thermal performance.

"This partnership with Nordik Data Centers represents a pivotal moment for Accelsius, as it marks our significant entry into the Canadian market," said Josh Claman, CEO of Accelsius. "We're excited to work with a partner like Nordik, whose commitment to sustainable and forward-looking technologies aligns perfectly with our mission to deliver advanced infrastructure for clients demanding nothing less than the best."

Showcasing Innovation and Measurable Benefits

A key benefit of the co-innovation lab is its ability to allow visitors to experience the technology firsthand and gain a deep understanding of its measurable advantages. Customers, ecosystem partners, and industry stakeholders will see how two-phase, direct-to-chip liquid cooling outperforms traditional cooling systems, offering unprecedented performance and efficiency at scale.

"We're thrilled to collaborate with Accelsius to demonstrate our shared commitment to delivering the most advanced technologies," said Jean-Michel Picard, CEO of Nordik Data Centers. "This project sets a new standard in Quebec and represents the first step in our vision to deliver data centers differently—with a step change in sustainability that our industry desperately needs."

Driving Sustainability and Innovation

Both companies are aligned in their commitment to sustainability and innovation. Nordik Data Centers' Montreal facility will utilize 100% renewable energy and integrate advanced heat recovery systems to reduce carbon footprints. Combined with Accelsius' proven cooling solutions, the co-innovation lab will lead the way in demonstrating how data centers can achieve exceptional compute performance while dramatically improving energy efficiency.

The partnership strengthens Montreal's position as a hub for AI infrastructure innovation, where industry leaders are developing practical solutions for next-generation data center challenges.

About Accelsius

Founded by Innventure, Inc. (NASDAQ:INV), Accelsius empowers data center and edge operators to achieve their business, financial, and sustainability goals through advanced cooling solutions. The patented NeuCool platform provides best-in-class thermal efficiencies through a safe, two-phase liquid cooling system that scales from single racks to entire data centers. For more information, visit www.accelsius.com or follow us on [LinkedIn](#).

About Nordik Data Centers

Nordik Data Centers provides custom design and construction services, guiding clients from site selection to infrastructure

installation. Their first facility, NDC1, is a cutting-edge data center built to Tier III standards by the Uptime Institute. Spanning 46,000 square feet of usable space and offering a robust 5 MW power capacity, NDC1 is ready to host AI'S most demanding GPUs.

In addition to NDC1, Nordik offers over 2 million square feet of ready-to-develop land, fully equipped with essential infrastructure and redundant fiber optic connectivity. Their facilities, strategically located in Greater Montreal, provide enhanced safety from natural risks and are built with a focus on environmental sustainability. Using 100% renewable energy and incorporating advanced heat recovery systems, Nordik continues to set new benchmarks for efficient and sustainable data center operations.

Visit: <https://nordikdatacenters.com/en/>

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