

A.R.T. Digital Holdings and Forced Physics Form AI Infrastructure Framework



AUSTIN, TX, UNITED STATES, Monday, February 9, 2026

A.R.T. Digital Holdings Corp. (OTC Pink: CGAC), a digital energy and compute infrastructure company, today announced the execution of a Development and Commercial Access Agreement with Forced Physics Data Center Technology LLC. The framework establishes a structured collaboration to validate, engineer, and commercialize air-based molecular beam technology for AI systems, with a focus on addressing power availability, water utilization, and system-level complexity challenges increasingly faced by modern AI infrastructure deployments.

The agreement outlines a phased collaboration focused on third-party validation, server-specific engineering, and the development of a commercially deployable, containerized AI compute platform. The framework provides A.R.T. Digital with ongoing commercial access to Forced Physics' JouleForce™ technology while positioning A.R.T. Digital as the system integrator responsible for enabling real-world deployment at infrastructure scale.

Forced Physics' JouleForce™ technology utilizes an air-based molecular beam approach to heat transfer, which differs fundamentally from conventional air cooling methods. Rather than relying on large volumes of conditioned or chilled air to remove heat, the technology is designed to control and direct airflow at the heat sink interface in a way that more efficiently removes thermal energy from the processor surface.

Unlike traditional air-cooled systems, which are heavily dependent on tightly controlled inlet temperatures, the JouleForce™ approach is designed to operate effectively without requiring the incoming air to be actively cooled. While ambient conditions still impose practical limits, the system does not rely on chilled air to maintain processor-level thermal stability. This enables the use of filtered, untreated outside air rather than mechanically conditioned air streams.

This distinction is particularly relevant in the context of AI infrastructure, where many high-density systems are increasingly dependent on liquid cooling. Even in liquid-cooled architectures, water is often actively chilled upstream to achieve required performance. By contrast, the JouleForce™ approach removes the need to cool either air or water before it reaches the server, resulting in a fundamentally different system and infrastructure design profile.

The technology is not intended as a drop-in replacement for existing data center cooling architectures. Successful deployment requires purpose-built system design, airflow management, and infrastructure integration. Under the agreement, A.R.T. Digital's role is to design and integrate complete systems that allow the technology to operate effectively at scale.

Initial efforts under the framework will focus on the design of JouleForce™ heat sinks specifically engineered for NVIDIA B200-class AI servers, followed by system-level testing and validation. As part of Phase 1 of the agreement, A.R.T. Digital will fund independent third-party validation conducted at Villanova University. This testing is intended to validate performance characteristics and establish baseline data to inform subsequent engineering and commercialization efforts. The agreement permits A.R.T. Digital to reference and summarize the results of this validation in public and regulatory communications, subject to confidentiality protections.

Over the past four months, Brian Snyder, Chief Strategy and Innovation Officer of A.R.T. Digital, has worked closely with Forced Physics to perform independent technical assessments, comparative testing, and system-level analysis of the JouleForce™ technology. This work has focused on understanding real-world performance behavior and identifying the infrastructure requirements necessary to support high-density AI workloads using air-based molecular beam techniques rather than liquid-based cooling approaches.

“Most high-performance AI systems today depend on actively cooling the medium that cools the chip, whether that’s chilled air or chilled water,” said Brian Snyder, CSIO. *“What’s compelling here is the ability to maintain processor-level thermal stability without having to pre-condition the air itself (use outside air). That changes how systems are designed and how infrastructure is built around them.”*

The framework agreement also establishes a pathway toward prototype development and scaled deployment. Subsequent phases contemplate full-system testing on production AI servers, followed by a one-megawatt containerized deployment intended to demonstrate system-level viability outside of laboratory conditions. Final pricing, volume commitments, and long-term commercial terms are expected to be addressed only after technical milestones are achieved.

Logan Rice, CEO, stated *“This framework allows us to create practical infrastructure solutions that address major power and water challenges facing AI deployments as these systems scale. We look forward to working with Forced Physics to bring new system designs to the AI compute market.”*

A.R.T. Digital expects to provide additional updates as validation, engineering, and system integration work progresses.

About Forced Physics Data Center Technology LLC

Forced Physics Data Center Technology LLC develops advanced thermal technologies for data center and high-density compute environments, with a focus on air-based molecular beam approaches to heat transfer. The company's technology is designed to improve thermal performance at the device level through precise control of airflow at the heat sink interface.

About A.R.T. Digital Holdings Corp.

A.R.T. Digital Holdings Corp. is a leader in energy-efficient computational technology, dedicated to converting electrical energy into computational output for global data processing. The company develops innovative and sustainable solutions that address diverse needs in the digital energy industry, optimizing performance and efficiency in data processing infrastructures worldwide.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include statements regarding anticipated validation activities, engineering efforts, system development, commercialization pathways, and future infrastructure deployment. These statements are based on current expectations and assumptions and are subject to risks and uncertainties that could cause actual results to differ materially. A.R.T. Digital Holdings Corp. undertakes no obligation to update forward-looking statements except as required by law.

Contact

Brian Snyder
Chief Strategy and Innovation Officer
A.R.T. Digital Holdings Corp.
Email: social@artdigitalcorp.com