Reinventy Accepted into NVIDIA Inception Program, Strengthening Its Edge AI and Industrial Roadmap

Admission into the NVIDIA Inception Program follows Reinventy's advances in deployable edge AI, materials, and system-level platforms.

Reinventy Solutions Corp.

VANCOUVER, BRITISH COLUMBIA, CANADA, January 20, 2026 /EINPresswire.com/ -- Reinventy Solutions Corp. has been accepted into the [NVIDIA Inception Program](#) following a formal application and review process, with its [Shield Brain™](#) platform representing the core of the company's submission. NVIDIA Inception is a global program designed to support companies developing advanced artificial intelligence and accelerated computing technologies through access to technical resources, training, and ecosystem opportunities. More information about the program is available at https://www.nvidia.com/en-us/startups/.

> "Shield Brain™ was conceived as a deployable edge cognition platform. Acceptance into the NVIDIA Inception Program confirms the coherence of that architecture with accelerated computing and edge AI."
>
> *Antonio Sedino, Ph.D.*

Reinventy's admission into NVIDIA Inception follows the development of Shield Brain™, a platform-level architecture designed for deployable, industrial-grade edge autonomy. Shield Brain™ is engineered to operate locally and on-device, integrating perception, reasoning, decision orchestration, and physical system control in environments where latency, connectivity constraints, and data sovereignty requirements make cloud-dependent AI impractical.

Rather than focusing on isolated AI models or services, Shield Brain™ has been conceived as a cohesive cognitive platform that governs real-world systems under operational constraints. The architecture is designed to couple edge cognition with the physical execution layer, enabling predictable behavior across long operational cycles and in conditions where reliability and control are critical.

Reinventy's broader technology stack is organized around this platform-centric approach. In support of Shield Brain™, the company has developed complementary engineering domains including advanced materials programs (such as the XHT™ high-temperature initiative), energy and electrification systems, and high-performance motor and actuation architectures. These domains are engineered to work in concert with Shield Brain™, addressing the physical, thermal, and system-level constraints that define deployable autonomy.

Recent public disclosures have highlighted Reinventy's advances in materials capable of operating under extreme thermal conditions and in system architectures designed to manage thermal behavior in high-performance electric systems. These developments are not standalone efforts, but supporting layers intended to enable Shield Brain™ to govern complex systems reliably in real-world industrial and autonomous applications.

Admission into the NVIDIA Inception Program provides Reinventy with access to a technical ecosystem aligned with accelerated computing and edge AI development. The company plans to leverage Inception resources to further evolve Shield Brain's platform execution, including technical enablement, tools and training pathways, and structured access to a global ecosystem relevant to edge-centric AI systems.

Reinventy's platform strategy, with Shield Brain™ at its core, is outlined at https://reinventy-solutions.ca/next-generation-platforms/, where the company describes its approach to integrating cognition, materials, energy management, and system-level control into unified architectures. An overview of Reinventy's intellectual property portfolio supporting these platforms is available at https://reinventy-solutions.ca/patents/.

"Shield Brain™ was designed from the outset as a deployable edge cognition platform, not a laboratory-only AI system," said Antonio Sedino, Ph.D., Technology & R&D Officer (CTRO) of Reinventy Solutions Corp. "Being accepted into the NVIDIA Inception Program supports the direction of that architecture and provides access to an ecosystem aligned with accelerated computing and edge AI development."

Reinventy's participation in NVIDIA Inception reinforces its focus on platform-level execution, long-cycle industrial readiness, and system integration. The company will continue advancing Shield Brain™ and its supporting technologies with an emphasis on real-world applicability, technical rigor, and scalable deployment.

Biographical Information

Reinventy Solutions Corp. is led by engineering-driven technical leadership with over three decades of multidisciplinary experience across advanced industrial technologies and system architecture. The company's expertise spans edge AI and cognitive architectures, advanced materials, energy and motor technologies, automation, electronics, and system-level integration, supporting proprietary, patent-pending platforms designed for real-world industrial

deployment.

Boilerplate

Reinventy Solutions Corp. is a Canadian industrial technology company developing industrial-grade edge AI platforms, advanced materials, energy solutions, and high-performance motor and electrification technologies. The company integrates software, hardware, materials science, and system engineering to build proprietary, patent-pending technologies for long-cycle industrial and autonomous applications. Learn more at https://reinventy-solutions.ca.

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