Cognizant to Deploy Neuro AI Platform to Accelerate Enterprise AI Adoption in Collaboration with NVIDIA

Cognizant will offer solutions across key growth areas, including enterprise AI agents, tailored industry large language models and infrastructure with NVIDIA AI.

TEANECK, N.J., March 25, 2025 /PRNewswire/ -- Cognizant (NASDAQ: CTSH) announced advancements built on NVIDIA AI aimed at accelerating the cross-industry adoption of AI technology in five key areas: enterprise AI agents, industry-specific large language models (LLMs), digital twins for smart manufacturing, foundational infrastructure for AI, and the capabilities of Cognizant's Neuro® AI platform to integrate NVIDIA AI technology and orchestrate across the enterprise technology stack.

Cognizant is working with global clients to help them scale AI value efficiently, leveraging extensive industry experience and a comprehensive AI ecosystem comprising infrastructure, data, models, and agent development powered by proprietary platforms and accelerators. NVIDIA AI plays a key role in Cognizant's AI offerings, with active client engagements underway across industries to enable growth and business transformation.

"We continue to see businesses navigating the transition from proofs of concept to larger-scale implementations of enterprise AI," said Annadurai Elango, president, Core Technologies and Insights, Cognizant. "Through our collaboration with NVIDIA, Cognizant will be building and deploying solutions that accelerate this process and scale AI value faster for clients through integration of foundational AI elements, platforms and solutions."

"From models to applications, enterprise AI transformation requires full-stack software and infrastructure with access to domain-specific data," said Jay Puri, executive vice president of Worldwide Field Operations, NVIDIA. "The Cognizant Neuro AI platform is built with NVIDIA AI to deliver specialized LLMs and applications to ready businesses for the era of AI with reasoning agents and digital twins."

At NVIDIA GTC 2025, Cognizant presented its intent to deliver offering updates across the following five areas:

- **Enterprise AI agentification powered by Cognizant® Neuro AI Multi-Agent Accelerator:** Running on NVIDIA NIM™ microservices, this framework will help enable clients to rapidly build and scale multi-agent AI systems for adaptive operations, real-time decision-making and personalized customer experiences. With these frameworks clients are better positioned to create and orchestrate agents using a low-code framework or use pre-built agent networks for various enterprise functions and industry-specific processes such as sales, marketing, and supply chain management. The frameworks also allow clients to easily integrate third-party agent networks and most LLMs.

- **Building multi agents for scale:** Cognizant works to enhance business operations through the use of multi-agent systems and integration with NVIDIA NIM, NVIDIA Blueprints, and NVIDIA Riva speech AI. The company will be developing a future-proof agent architecture that supports modular and adaptable agent design to meet evolving needs and the long-term viability and adaptability of AI solutions. This includes pre-built integrations with security guardrails and human oversight. This approach aims to enable enterprises to develop and deploy market-ready applications tailored to their specific needs using the pre-built agent catalog. Examples include industry agents such as insurance claims underwriting multi-agent systems, appeals and grievances multi-agent systems, automated supply chain multi-agent systems and contract management multi-agent systems.

- **Industry LLMs:** Cognizant is developing industry-oriented LLMs powered by NVIDIA NeMo and NVIDIA NIM. These solutions are tailored to meet the unique needs of different industries and build on Cognizant's deep industry expertise to drive innovation and improve business outcomes. For example, Cognizant has developed a fine-tuned language model to transform healthcare administrative processes. This system will leverage Cognizant's domain expertise and NVIDIA technology to help enhance medical code extraction and support higher accuracy, reduced errors, and better compliance with HIPAA and GDPR standards. It is designed to help clients cut costs, decrease latency, improve revenue cycle management and help support accurate risk adjustment. In internal Cognizant benchmarking, the model has demonstrated effectiveness in reducing effort by 30-75 percent, boosting coding accuracy by 30-40 percent, and accelerating time to market by 40-45 percent.

- **Industrial digital twins:** Cognizant's smart manufacturing and digital twin offerings, accelerated by NVIDIA Omniverse™, will aim to drive digital transformation by combining NVIDIA Omniverse's synthetic data generation, accelerated computing, and physical AI simulation technologies to address challenges in manufacturing operations and supply chain management. These capabilities will be designed to assist clients in enhancing plant layout and process simulations with real-time insights and predictive analytics, while also supporting improved operational efficiency and optimized plant capital expenditure. This offering enables integration of diverse data from applications, systems and sensors with synthetic data, allowing clients to simulate various scenarios and find solutions to issues in the plant. Additionally, by building the necessary digital infrastructure, including IT systems and skilled personnel, Cognizant's offerings can be used to create

and manage digital twins for large-scale systems, such as factories, smart grids, warehouses, or entire cities, with precision and efficiency.

- **Infrastructure for AI:** Implementing AI effectively requires robust AI infrastructure and data prepared for AI. Cognizant's infrastructure for AI, accelerated by NVIDIA, will provide clients access to NVIDIA AI technology via "GPU as a Service", along with secure and managed infrastructure. This helps ensure that AI models can be run in various environments, including the cloud, data centers or at the edge. Additionally, Cognizant intends to use NVIDIA RAPIDS™ Accelerator for Apache Spark to help clients accelerate data pipelines for AI implementations, facilitating efficient and scalable operations. In one example implementation for a large healthcare client in the U.S., use of Cognizant's infrastructure for AI resulted in a 2.7x cost efficiency improvement and a 1.8x enhancement in the transformation performance of their Spark workloads.

According to Sid Nag, Vice President analyst at Gartner®, et al., "Offering agentic AI platforms enables enterprises to build, manage and scale AI agents. Agentic AI platforms that integrate orchestration, real-time learning, governance and data security capabilities will differentiate providers in the next evolution of AI and automation. New orchestration solutions will emerge as enterprises employ multiple agents and those agents become more autonomous and interactive. Agent orchestration will represent a new class of software. The most effective orchestration solutions will span multiple agents from different software providers."[1]

"As we enter the era of AI industrialization, enterprises are seeking to accelerate the value velocity of their AI investments—focusing on outsized economic impact, agentic-led workflow, and industry-specific deployments," said Nitish Mittal, Partner, Everest Group. "Cognizant's deepening partnership with NVIDIA signals the right trajectory for forward-thinking enterprises aiming to unlock breakthrough value in the AI era."

About Cognizant
Cognizant (Nasdaq: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at **www.cognizant.com** or @cognizant.

1 Gartner, TSP 2025 Trends: Agentic AI — The Evolution of Experience, By Jim Hare, Tom Coshow, Mark McDonald, Radu Miclaus, Sid Nag, 24 February 2025. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

For more information, contact:

U.S.	Europe / APAC	India
Name Ben Gorelick	Name Christina Schneider	Name Rashmi Vasisht
Email	Email	Email
benjamin.gorelick@cognizant.com	christina.schneider@cognizant.com	rashmi.vasisht@cognizant.com

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