NTT Adopting NVIDIA AI Platform to Power Company-Wide Artificial Intelligence Initiative

GTC Japan -- NTT Group, one of the world's largest telecom companies, is adopting NVIDIA's AI platform based on Tensor Core GPUs as the common platform for its company-wide "corevo" AI initiative, NVIDIA today announced at its GPU Technology Conference.

NTT Group has more than 5,000 researchers and has assigned 400 AI specialists to support the corevo initiative, which extends to a broad range of commercial products and services built on real-time processing. These include projects in areas focused on natural language processing in call centers, network maintenance, human assistance and healthcare.

NTT will build corevo's cloud-based AI resource center on the NVIDIA® Tesla® V100 platform, which brings extraordinary speed and scalability for AI inferencing and training, as well as for accelerating high performance computing and graphics workloads. Built on Volta, NVIDIA's seventh-generation GPU architecture, Tesla V100 GPUs include 21 billion transistors and deliver the performance of up to 100 CPUs in a single GPU.

"With growing demand for AI across multiple industries, NVIDIA and NTT are making advances in deep learning to tackle some of the greatest challenges of our time," said Ian Buck, vice president and general manager of Accelerated Business at NVIDIA. "Through NTT's cloud-based resource center, NTT researchers can accelerate their AI development to deliver powerful new AI products and services to customers."

Masahisa Kawashima, vice president of the NTT Software Innovation Center, said: "Creating a common development platform for the NTT Group will enable us to utilize the results of NTT Group's AI R&D effectively and accelerate the creation of new value. I am convinced that adopting the NVIDIA AI platform will prove vital in expanding corevo services and products."

NTT conceived of the corevo initiative two years ago to address a wide range of issues confronting Japanese society, particularly related to its rapidly aging population, which is leading to a diminishing active workforce and geriatric-related challenges.

Corevo is focused on four broad AI capabilities, including "Agent AI" focused on natural language processing and chat for call center and geriatric monitoring; "Ambient AI" focused on big data analytics for traffic analysis and control; "Heart-Touching AI" focused on body and emotional analytics for healthcare, sports and entertainment; and "Network AI" for anonymous detection, failure prediction and network monitoring.

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About NVIDIA
NVIDIA's (NASDAQ: NVDA) invention of the GPU in 1999 sparked the growth of the PC gaming market, redefined modern computer graphics and revolutionized parallel computing. More recently, GPU deep learning ignited modern AI — the next era of computing — with the GPU acting as the brain of computers, robots and self-driving cars that can perceive and understand the world. More information at http://nvidianews.nvidia.com/.

Certain statements in this press release including, but not limited to, statements as to: NTT Group adopting NVIDIA's AI platform, the Tesla V100, for its corevo AI initiative; the benefits, performance and abilities of the NVIDIA Tesla V100 platform; NVIDIA and NTT making advances in deep learning to tackle some of the greatest challenges of our time and to meet growing demand for AI across multiple industries; the benefits of NTT's cloud-based resource center, including its ability to accelerate NTT researchers' development of AI products and services to customers; the benefits of a common development platform for the NTT Group, including it enabling NTT to utilize the results of the AI research and development effectively, and it accelerating the creation of new value; the adoption of the NVIDIA AI platform being vital in the expansion of corevo services and products; Japan's rapidly aging population leading to a diminishing active workforce and geriatric-related challenges; and corevo's focus within AI capabilities, including Agent AI, Ambient AI, Heart-Touching AI and Network AI are forward-looking statements that are subject to risks and uncertainties that could cause results to be materially different than expectations. Important factors that could cause actual results to differ materially include: global economic conditions; our reliance on third parties to manufacture, assemble, package and test our products; the impact of technological development and competition; development of new products and technologies or enhancements to our existing product and technologies; market acceptance of our products or our partners' products; design, manufacturing or software defects; changes in consumer preferences or demands; changes in industry standards and interfaces; unexpected loss of performance of our products or technologies when integrated into systems; as well as other factors detailed from time to time in the most recent reports NVIDIA files with the Securities and Exchange Commission, or SEC, including, but not limited to, its annual report on Form 10-K and quarterly reports on Form 10-Q. Copies of reports filed with the SEC are posted on the company's website and are available from NVIDIA without charge. These forward-looking statements are not guarantees of future performance and speak only as of the date hereof, and, except as required by law, NVIDIA disclaims any obligation to update these forward-looking statements to reflect future events or circumstances.

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