NVIDIA DISPATCH
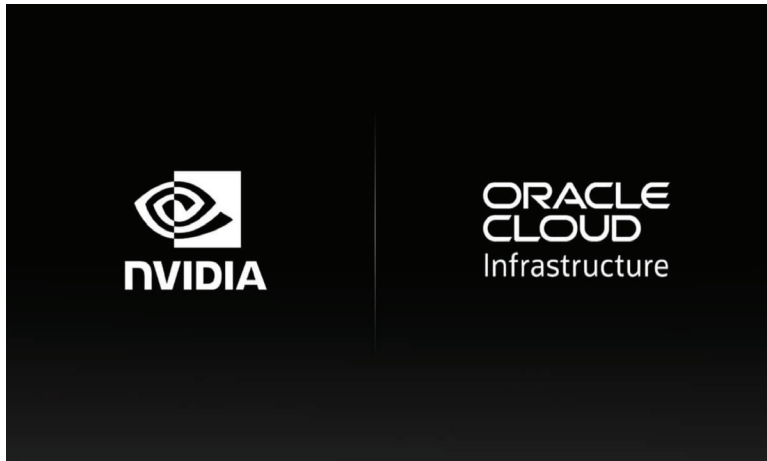
NVIDIA AI Now Available in Oracle Cloud Marketplace

Training generative AI models just got easier.

NVIDIA DGX Cloud AI supercomputing platform and NVIDIA AI Enterprise software are now available in Oracle Cloud Marketplace, making it possible for Oracle Cloud Infrastructure customers to access high-performance accelerated computing and software to run secure, stable and supported production AI in just a few clicks.

The addition — an industry first — brings new ca pabilities for end-to-end development and deployment on Oracle Cloud. Enterprises can get started from the Oracle Cloud Marketplace to train models on DGX Cloud, and then deploy their applications on OCI with NVIDIA AI Enterprise.

Coming in Clutch: Stream 'Counter-Strike 2' From the Cloud for Highest Frame Rates

Rush to the cloud — stream Counter-Strike 2 on GeForce NOW for the highest frame rates. Members can play through the newest chapter of Valve's elite, competitive, first-person shooter from the cloud.

It's all part of an action-packed GFN Thursday, with 22 more games joining the cloud gaming platform's library, including Hot Wheels Unleashed 2 – Turbocharged.

Counter Strike 2 is free to play now.

GeForce NOW Ultimate members can take full advantage of NVIDIA Reflex for ultra-low-latency gameplay streaming from the cloud. Rush the objective with the squad on Counter-Strike 2's remastered maps at up to 240 frames per second — a first for cloud gaming. Upgrade today for the Ultimate Counter-Strike experience.

'Cities: Skylines II' Streams This Week on GeForce NOW

Cities Skylines 2 releases Oct. 24.

The cloud is full of treats this GFN Thursday with Cities: Skylines II now streaming, leading 15 newly supported games this week. The game's publisher, Paradox Interactive, is offering GeForce NOW one-month Priority memberships for those who pick up the game first, so make sure to grab one before they're gone.

Members can build the metropolis of their dreams this week in Cities: Skylines II, the sequel to Paradox Interactive's award-winning city sim. Raise a city from the ground up and transform it into a thriving urban landscape. Get creative to build on an unprecedented scale while managing a deep simulation and a living economy.

The game's AI and intricate economics mean every choice ripples through the fabric of a player's city, so they'll have to stay sharp — strategizing, solving problems and reacting to challenges. Build sky-high and sprawl across the map like never before. New dynamic map features affect how the city expands amid rising pollution, changing weather and seasonal challenges.
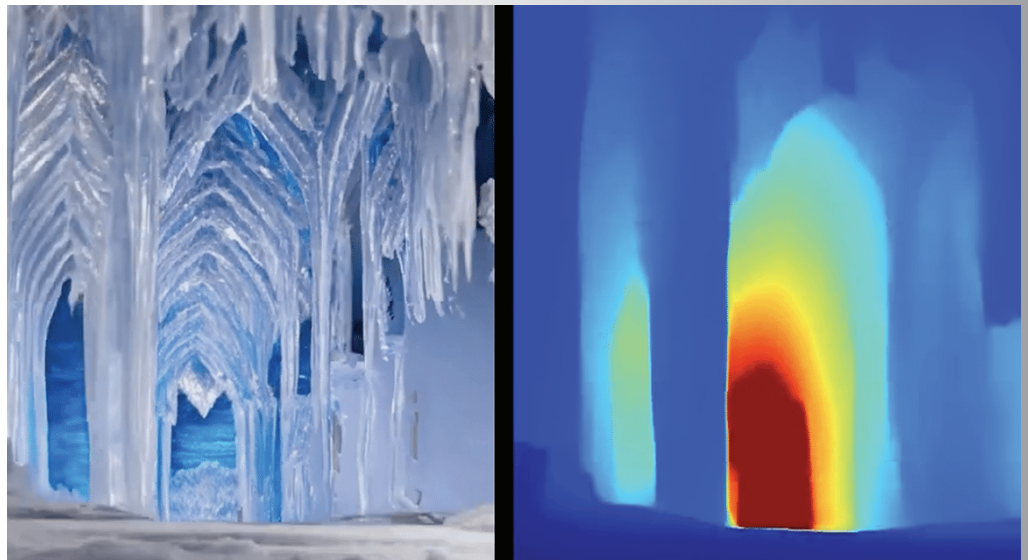
NVIDIA Research Announces AI Advancements
October 25, 2023 by ISHA SALIAN

NVIDIA researchers are collaborating with academic centers worldwide to advance generative AI, robotics and the natural sciences — and more than a dozen of these projects will be shared at NeurIPS, one of the world's top AI conferences.

Set for Dec. 10-16 in New Orleans, NeurIPS brings together experts in generative AI, machine learning, computer vision and more. Among the innovations NVIDIA Research will present are new techniques for transforming text to images, photos to 3D avatars, and specialized robots into multi-talented machines.

Diffusion models have become the most popular type of generative AI models to turn text into realistic imagery. NVIDIA researchers have collaborated with universities on multiple projects advancing diffusion models that will be presented at NeurIPS.

NVIDIA and AMD Deliver Powerful Workstations to Accelerate AI, Rendering and Simulation

New workstations powered by NVIDIA RTX Ada Generation GPUs and the latest AMD Threadripper Pro processors will be available starting next month from BOXX and HP, with other system integrators offering them soon.

October 19, 2023 by STACY OZORIO

To enable professionals world-wide to build and run AI applications right from their desktops, NVIDIA and AMD are powering a new line of workstations equipped with NVIDIA RTX Ada Generation GPUs and AMD Ryzen Threadripper PRO 7000 WX-Series CPUs.

Bringing together the highest levels of AI computing, rendering and simulation capabilities, these new platforms enable professionals to efficiently tackle the most resource-intensive, large-scale AI workflows locally.

NVIDIA Expands Robotics Platform to Meet the Rise of Generative AI

October 18, 2023 by AMIT GOEL

Powerful generative AI models and cloud-native APIs and microservices are coming to the edge.

Generative AI is bringing the power of transformer models and large language models to virtually every industry. That reach now includes areas that touch edge, robotics and logistics systems: defect detection, real-time asset tracking, autonomous planning and navigation, human-robot interactions and more.

NVIDIA today announced major expansions to two frameworks on the NVIDIA Jetson platform for edge AI and robotics: the NVIDIA Isaac ROS robotics framework has entered general availability, and the NVIDIA Metropolis expansion on Jetson is coming next.
More than 1.2 million developers

and over 10,000 customers have chosen NVIDIA AI and the Jetson platform, including Amazon Web Services, Cisco, John Deere, Medtronic, Pepsico and Siemens.

"Generative AI will significantly accelerate deployments of AI at the edge with better generalization, ease of use and higher accuracy than previously possible,"

said Deepu Talla, vice president of embedded and edge computing at NVIDIA. "This largest-ever software expansion of our Metropolis and Isaac frameworks on Jetson, combined with the power of transformer models and generative AI, addresses this need."

AI Advancements cont.

AI avatars combine multiple generative AI models to create and animate virtual characters, produce text and convert it to speech. Two NVIDIA posters at NeurIPS present new ways to make these tasks more efficient.

NVIDIA RTX Video Super Resolution Update Expands to GeForce RTX 20 Series GPUs

RTX VSR now de-artifacts video played at native resolution.

NVIDIA today announced an update to RTX Video Super Resolution (VSR) that delivers greater overall graphical fidelity with preserved details, upscaling for native videos and support for GeForce RTX 20 Series desktop and laptop GPUs.

RTX VSR 1.5 is available as part of the latest Game Ready Driver, available for download today. Content creators downloading NVIDIA Studio Drivers — designed to enhance features, reduce repetitiveness and dramatically accelerate creative workflows — can install the driver with RTX VSR releasing in early November.

Nearly 60 New Games to Join the Cloud

'Assassin's Creed Mirage' leads 29 new games on GeForce NOW

October brings more than falling leaves and pumpkin spice lattes for GeForce NOW members. Get ready for nearly 60 new games to stream, including Forza Motorsport and 16 more PC Game Pass titles.

Leap Into the Cloud

Ubisoft's Assassin's Creed Mirage launches in the cloud this week. Mirage was created as an homage to the first Assassin's Creed games and pays tribute to the series' well-loved roots.

Take a Leap of Faith into a GeForce NOW Ultimate membership and explore this new open world at up to 4K resolution and

120 frames per second. Ultimate members get exclusive access to GeForce RTX 4080 servers in the cloud, making it the easiest upgrade around.

No Tricks, Only Treats

Don't be spooked — GeForce NOW has plenty of treats for members this month. More PC Game Pass

games are coming soon to the cloud, including Forza Motorsport from Turn 10 Studios and Xbox Game Studios and the Dishonored series from Arkane and Bethesda.

Jump into all the action with an Ultimate or Priority account today, for higher performance and faster access to stream over 1,700 games.