Accelerate the learning and adoption of NVIDIA Solutions/Omniverse in the WWT Advanced Technology Center (ATC)

Our vision is to create a collaborative ecosystem to design, build, educate, demonstrate and deploy innovative technology products and integrated architectural solutions for our customers, partners and employees around the globe.

Reduce the Cost, Time, and Risk that Comes with Technology Evaluation and Testing

Customers can cut proof of concept (POC) time from months to weeks, if not days, by leveraging the infrastructure of the World Wide Technology's Advanced Technology Center (WWT ATC), including its pre-built environments, testing and automation infrastructure, and solution experts, in combination with hardware and software from strategic partners like NVIDIA and OEMs.

The ATC brings it all together, enabling customers to simulate a solution in record time and evaluate the introduction of new technology, existing investments, and upgrades to determine if they'll positively affect their organization and achieve desired business objectives.

The ATC's Lab as a Service (LaaS) secures dedicated lab space for an organization within the ATC and builds it to their unique performance, security, and access requirements. It simplifies and streamlines the rapid prototyping and provisioning of multi-OEM topologies for evaluation, testing, and proof of concepts.

Organizations can engage with the WWT ATC for design validation to understand how newly introduced technology will affect their brownfield environment. Testing focuses on performance, stability, failover, scalability, operations, and manageability. Mimicking an infrastructure, from compute through networking, the WWT ATC can create a full-stack representation of almost any production environment.

WWT ATC Lab Services

The WWT ATC is a collaborative ecosystem that allows WWT engineers, customers, and partners to design, build, educate, demonstrate, and deploy innovative technology products and integrated architectural solutions, 24/7.

The Advanced Technology Center (ATC) includes a variety of offerings: on-demand labs, product comparisons, POCs, product benchmarking, architectural design validation, functionality testing, LaaS.

Industries
• Architecture, engineering, and construction (AEC)
• Federal, state, and local governments
• Finance
• Higher education
• Manufacturing
• Media and entertainment
• Remote work

Challenge
• Lack of or NO live collaboration between users and applications in real time on a single platform. Any update, changes, etc needs to be shared with others and may require data preparation

• The need for scalable, high final frame quality rendering in real-time speed leads more productivity with less effort, faster time to approvals and seamless collaboration

Products Used
• NVIDIA RTX-ready SuperMicro servers with RTX 8000 GPUs
• NVIDIA vGPU
• NVIDIA Omniverse

Results
• The ATC will enable Customers experience & test the Ominiverse Platform where they can produce accurate visuals content with less effort, no data prep or model decimation needed in a seamless collaborative environment with faster time for approval using one single platform.

About World Wide Technology

www.wwt.com

Founded in 1990, WWT is a global technology solution provider with $13 billion in annual revenue. With thousands of IT engineers, hundreds of application developers, and unmatched labs for testing and deploying technology at scale, WWT helps customers bridge the gap between IT and the business. By bringing leading technology companies together in a physical yet virtualized environment through its ATC, WWT integrates individually impressive technologies to produce game-changing solutions.

To explore a POC with the ATC, you can work with your WWT account team or reach out to our Media, Gaming, Sports and Entertainment group at: **mgse@wwt.com**.

Learn More Today!

Explore WWT POC at
wwt.com/atc/pocs

Explore WWT capabilities in media, gaming, sports and entertainment at
wwt.com/media-gaming-and-sports

To learn more about NVIDIA Omniverse technology, visit
nvidia.com/en-us/omniverse

Deploy Powerful Virtualized Collaborative NVIDIA Omniverse Solutions Inside the ATC powered by NVIDIA RTX 8000

NVIDIA Omniverse™ is a cloud-native, multi-GPU enabled open platform for virtual collaboration and real-time photorealistic simulation. Omniverse runs on any NVIDIA RTX™ device—from a laptop to a server—transforming complex 3D production workflows. Built on Pixar's USD, Omniverse celebrates open standards. Creators, designers and engineers can now unite their assets, libraries and software applications within Omniverse, freely iterate on design concepts in real time, and instantly share breathtaking, high-fidelity models to any device.

Individual users can accelerate any workflow with one-click interoperability between leading software tools, while widespread teams can experience seamless collaboration in an interactive, simulated world—even when using multiple software suites. This can be done by connecting to the Omniverse platform where they can store, share and collaborate on project data. Omniverse can be used onsite or as a cloud solution in a virtualized environment leveraging NVIDIA vGPU.

WWT has extensive experience in helping customers defining their cloud strategy and building virtualized cloud solutions can bring it all together by helping customer build collaborative virtualized environments which allow end-users (content creators, artist, designers, etc.) to be more productive remotely and simplify workflow.

WWT & NVIDIA worked together to build the Omniverse solution in the ATC, leveraging NVIDIA RTX – Ready SuperMicro Server in a virtualized environment running NVIDIA Omniverse on Virtual Desktop Infrastructure (VDI) solutions utilizing Teradici PCoIP to give users secured, consistent and high-quality experience.

This will enable customers to experience the Omniverse platform, simulate in record time and evaluate the introduction of new technology, existing investments and upgrades to determine how the solutions will impact their organization and help them achieve desired business objectives.

What Is the ATC's POC Process, Customer Expectations and Likely Outcomes?

WWT works to scope each POC or LaaS engagement to ensure that the deliverables are clear and measurable so that the value of the engineered solution can be accurately assessed. ATC project managers coordinate scoping, kickoff, execution, and outcome delivery activities to ensure that the proper resources are applied and that the POC/LaaS is executed properly. The customer is encouraged to be actively engaged during the entire process. Depending on the scope of the PoC/LaaS, deliverables may include whitepapers, as-built documentation, bills of materials (BoMs), and statements of work (SoWs) for subsequent pilot and production deployments.