Government Acquisitions

Telework

BUILD THE FUTURE FROM HOME

As the public sector confronts society's most important issues, telework is vital for employees and contractors to provide reliability and efficiency during national emergencies. However, government agencies supporting this remote workforce need to protect sensitive data against advanced cyber threats. Meanwhile, regulations such as the Federal Data Center Consolidation Initiative (FDCCI) add to the complexity of managing IT. To support these demands, Government Acquisitions has partnered with NVIDIA to provide a solution: NVIDIA virtual GPU (vGPU).

HOW GOVERNMENT ACQUISITIONS AND NVIDIA vGPU SUPPORTS THE MOBILE WORKFORCE

- Improve security. Provide access to files and data on any device while keeping the information centrally hosted in the data center.
- Enhance mobility and efficiency. Collaborate on the same files while experiencing a user-friendly desktop experience on any device.
- Lower maintenance costs. Simplify data management with proactive monitoring for largescale deployments across the IT infrastructure.
- Reduce cost of operations. Train more efficiently with high-quality user experiences for thousands of employees.

What Makes NVIDIA Virtual GPU Powerful

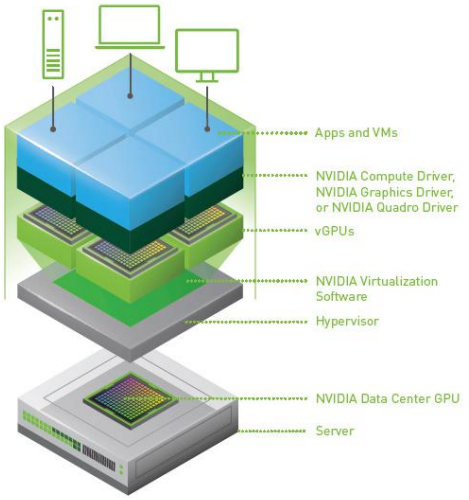
- EXCEPTIONAL USER EXPERIENCE
- BEST USER DENSITY
- CONTINUOUS INNOVATION
- PREDICTABLE PERFORMANCE
- OPTIMAL MANAGEMENT & MONITORING
- BROADEST ECOSYSTEM SUPPORT

WHAT IS VIRTUAL GPU?

GPU virtualization enables every remote machine to get the benefits of a GPU just like a physical desktop, workstation, or server in the office. Besides supporting more users, GPU virtualization can also run compute-intensive server workloads, including Artificial Intelligence (AI), data science, and High-Performance Computing (HPC) on a virtual machine and leverage the benefits of improved manageability and security.

HOW NVIDIA VIRTUAL GPU WORKS

The vGPU software is installed at the virtualization layer along with the hypervisor. This software creates virtual GPUs that enable every virtual machine (VM) to share the physical GPU installed on the server. A single VM can harness the power of up to four physical GPUs and the virtualization software includes a graphics driver for every VM. Demanding engineering and creative applications, as well as compute intensive server workloads including AI and data science, can now be supported in a cloud environment.



DELL Technologies

NVIDIA.

Government Acquisitions

FOCUSED ON YOUR MISSION

Telework will help agencies by allowing them to focus on their mission while staying safe. GAI works with you to make telework happen seamlessly.