NVIDIA GRID™ VCA
THE REMOTE WORKSTATION SOLUTION FOR SOLIDWORKS

Now, you can provide GPU-accelerated SolidWorks performance delivered over your network with NVIDIA GRID™ Visual Computing Appliance (VCA). It's the only system certified and supported by Dassault Systems to virtualize and remotely deliver SolidWorks.

The GRID VCA is a powerful GPU-based appliance for small and medium-sized businesses that can be centrally located and accessed over the company network without the IT complexity of commercial virtualization solutions. GPU acceleration gives local and remote users—even those on notebooks or mobile devices—the same SolidWorks experience they would get from a dedicated high-performance desk-side workstation.

BENEFITS OF NVIDIA GRID VCA FOR SOLIDWORKS

- **A turnkey SolidWorks remote graphics platform**: Every installation supports up to eight SolidWorks designers concurrently with a powerful graphics workspace powered by an NVIDIA® Quadro® K5000-class GPU.
- **High-performance Quadro professional graphics**: Each designer's personal workspace is capable of managing all SolidWorks design modes, including large assemblies, RealView, and more.
- **Certified for SolidWorks 2014** : The GRID VCA is the only remote computing platform to be tested, certified, and fully supported by SolidWorks.
- **Improved security** : Valuable SolidWorks data files and the GRID VCA are both co-located in a secure central location. Only the SolidWorks user interface is streamed to the user, so intellectual property and important data never leave the company.
- **The freedom to use SolidWorks on your favorite system; Mac, Windows, or Linux**: Designers get high-end workstation-class performance on the system of their choice—Mac, Linux, and even entry-level Windows PCs.
- **Simple maintenance and management**: The GRID VCA simplifies management. Instead of managing eight individual workstations, the IT manager maintains one appliance delivering up to eight concurrent sessions.

GRID VCA System Configuration

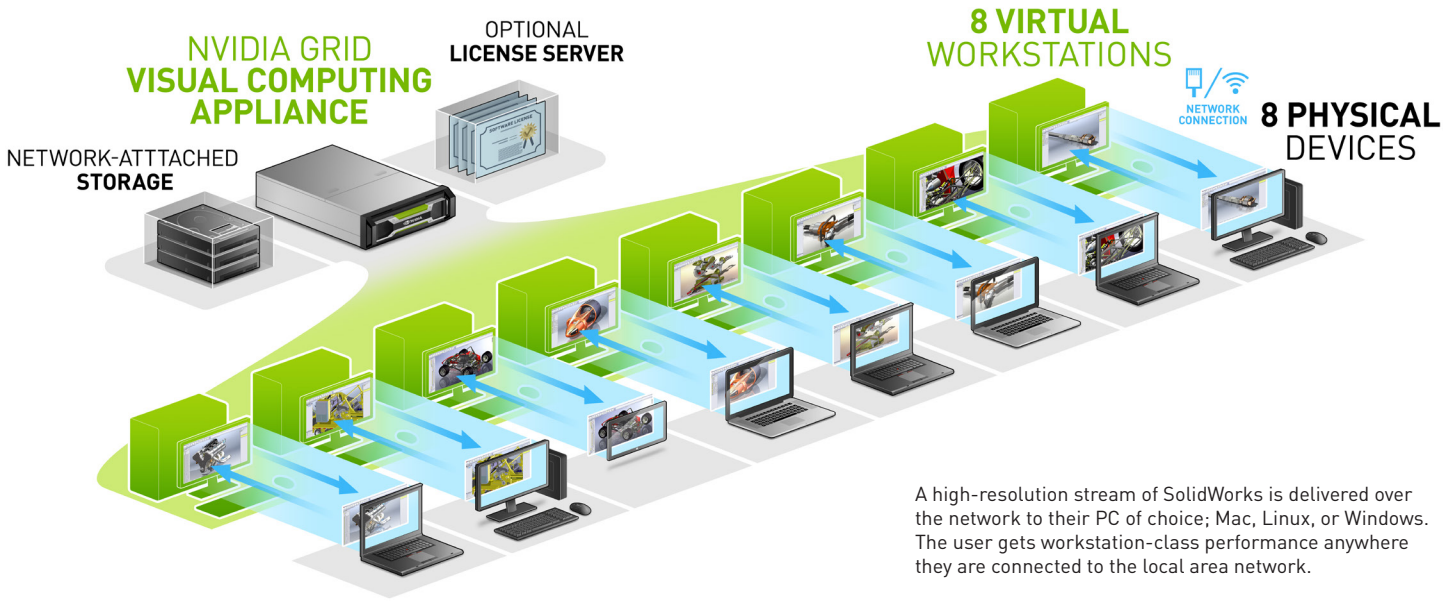
GPU: 8 High-end NVIDIA Kepler™–based processors
Total Graphics Memory: 32 GB
CPU: 2 Intel® Xeon® E5
Physical CPU Cores: 16
System Memory: 256 GB
Network Connections: 2 10-Gigabit Ethernet and 2 1-Gigabit Ethernet
Application Storage: 75 GB
Maximum System Power: 1475W
Number of Users: Up to 8 concurrent
Dimensions: 4U rack mount (19x7x32 inches)

GRID Workspace Configurations (Per User):

GPU: High-end Kepler-based processor
Graphics Memory: 4 GB
Virtual CPU Cores: 8
System Memory: 30 GB
Storage: Users share 60 GB of persistent scratch storage. Network storage is required for data files.

HOW IT WORKS

From the server room, the GRID VCA serves up virtual machines for up to eight concurrent SolidWorks users. Each user has dedicated access to their own workstation-class NVIDIA GPU.



A high-resolution stream of SolidWorks is delivered over the network to their PC of choice; Mac, Linux, or Windows. The user gets workstation-class performance anywhere they are connected to the local area network.

For more information or to purchase available systems, visit **www.nvidia.com/grid**

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