HVE ConneXions Releases Innovative VDI Appliance Engineered for Outstanding 3D VDI Performance

**Integrating NVIDIA, VMware, and Teradici products and recent enhancements, the HVE-3DGFX
is truly a game changing device in today's rapidly expanding VDI initiatives.**

Dallas, TX; April 20, 2015 – HVE ConneXions has announced the world-wide release of a groundbreaking VDI appliance, the **HVE-3DGFX**, which revolutionizes 3D software capabilities within a VDI environment. This hyper-converged appliance delivers next-generation configurations to support 3D graphic user requirements and 3D performance levels that are comparable to physical workstations and provides a much lower TCO.

When HVE opened their doors over four years ago, a new generation of Virtual Desktop Infrastructure (VDI) was introduced to the industry. The concept of shared storage solutions related to VDI was an established model, but had some pain points surrounding cost, scalability, and speed. The HVE line of VDI appliances solved all three by removing the requirement of shared storage, bringing all flash storage to each appliance, having the ability to scale by simply adding a node to the solution, and lowering the total cost of ownership (TCO) on a per user basis well below the cost of a physical desktop or laptop. The hyper-converged server generation has brought many players to the forefront of virtualization, including some of the established storage partners, but HVE ConneXions continues to find ways to separate itself from the others.

Each year HVE has announced a new product offering that complements and builds on that original solution. After the successful launch of the HVE-VDI appliances, the HVE-SOLID solution was unveiled, a 1U/2U all flash array capable of 40TB of SSD storage pushing 1.6 million IOPS. While the HVE-SOLID is a shared-storage appliance, it helps to have front-end compute to deliver those IOPS. That is where the HVE-STAGE and HVE-STAGE-BIX lines came into play. These are converged and non-converged compute appliances for the small to large software defined datacenter (SDDC).

HVE has been waiting for several technologies to come to the forefront to complete this exciting 3D VDI appliance design. The time has arrived. HVE has engineered the next-generation 3D desktop virtualization platform named the **HVE-3DGFX** that promises to revolutionize the 3D capabilities within a VDI environment. HVE understands the complexity of engineering purposed-built virtual servers and the existing portfolio, and success stories prove that HVE knows how to build these appliances. This 3D graphics server requires:

- Powerful CPU's (Intel Haswell) to drive performance across all virtual machine vCPU's and push all the motherboard components.
- Super-fast memory (2133 MHz) for the virtual machines to buffer, queue, and release as fast as the NVIDIA GRID™ GPU's can push it.
- A motherboard that supports the required PCI channels for all the components with industry grade specifications.
- Teradici PCoIP® Hardware Accelerator improves the overall user experience by increasing the frames per seconds delivered to the endpoint device.
- Power distribution architecture to handle NVIDIA GRID GPUs and provide heat dissipation mechanics.

- Integrated SSD technology that could provide high-IOPS, low latency, long-life, redundancy, reliability, and capacity.
- Desktop virtualization software that supports NVIDIA GRID vGPU workloads for Designer, Power, and Knowledge users.
- Desktop virtualization software that will integrate into VMware Horizon View seamlessly.
- A lower price/virtual GPU desktop than physical without jeopardizing performance.

The HVE-3DGFX hyper-converged desktop virtualization appliance solution provides all of this. The HVE 1U/2U servers provides configurations to support Tier1-Tier4 3D graphics user requirements, fully integrated into VMware Horizon View 6.1/vSphere 6.0, and provides 3D performance levels that are complimentary to physical workstations and provides a much lower TCO compared to 1:1 physical versus virtual costs. The HVE-3DGFX is designed with extremely powerful specifications that will handle the most powerful 3D applications, for example: *AutoCAD*, *3ds Max*, *Autodesk Maya*, *IHS Kingdom*, *Adobe Premier Pro*, and *Revit*, to name a few. All HVE-3DGFX servers are designed to the specifications for each customer within a 1U or 2U hyper-converged configuration based on space/resource requirements and each end-user's application usage.

Quotes:

"Having a background in construction technology, I knew the benefits of what VDI could bring to industries that spend less than 10% of a company's budget on IT. 3D applications have always struggled to find a home on VDI due to the immense resource requirements and graphics cards scalability. The HVE-3DGFX changes all that with the cutting edge developments from NVIDIA, VMware, and Teradici," explained Brian Nelson, Virtualization Architecture Manager of HVE ConneXions.

"We're pleased to have our PCoIP Hardware Accelerator as a pre-configured option in the HVE-3DGFX solution," said Olivier Favre, director of product management for Teradici. "The combination enables a rich and consistent user experience for customers with high performance graphics requirements."

"Over the course of HVE's rise in the VDI marketplace, we have experienced tremendous success with LG's line of zero client and Chromebase products. Therefore, in our testing and proof of concept environments of the HVE-3DGFX, LG end-user devices were used to rigorously test the appliance and once again, performed flawlessly," said Eric Cunningham, Chief Marketing Officer of HVE ConneXions.

"By teaming with HVE ConneXions**,** LG is delivering a full PC experience over standard IP networks for remote desktop use, with high-fidelity graphics and USB connectivity. Cost-effective, compact and easy-to-use, our portfolio of LG Cloud Monitors takes full advantage of PCoIP technology to give consumers access to data and applications securely from the data center for an uncompromised, high-performance virtual computing experience," added LG Electronics USA's B2B IT Director Stephen Hu.

About HVE ConneXions:

HVE ConneXions is one of the fastest growing technology manufacturers of next generation storage and virtualization hardware. Our engineering philosophy is dedicated to creating Manageable, Scalable, Reproducible, and Predictable (MSRP) solutions based on proven virtualization technologies running on high-performance next generation hardware. For more information and technical specifications on the HVE product line, visit http://www.hveconnexions.com