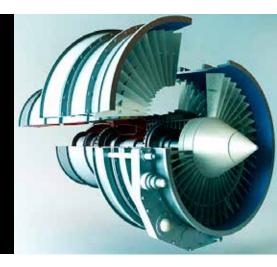# Increase 3D Design Productivity and Efficiency

with the Teradici PCoIP® Remote Workstation Solution and
AMD FirePro™ R5000 Remote Graphics

deliver a high fidelity, high performance workstation experience anywhere in the world

Today's workstation users create 3D models and designs for visual effects, manufacturing, architectural engineering and a host of other applications. But these projects are not created start-to-finish by one person. Instead, a few vendors and – in some cases – hundreds of dispersed contractors, are needed to bring elaborate creations to life. These widespread resources need systems with rendering capacity to create the latest in 3D realism, the ability to share their work for enhanced creativity, and the ability to integrate their design with other 3D elements to complete the project.

The solution – remote access to workstations
PCoIP technology enhances productivity and efficiency by delivering an optimized and secure workspace to any global office. PCoIP technology features host rendering, delivering pixels-only to the remote user and ensuring data stays safe in the workstation or data center. The pixels are encoded specifically for the type of media being displayed and optimally transmitted over standard IP networks. The workstation images are delivered to a small, secure PCoIP zero client for high-resolution, multi-monitor display. The PCoIP zero client can be placed in any office or remote location, enabling workstation access virtually anywhere. Alternatively, a desktop or laptop with a Teradici PCoIP software client installed can also receive PCoIP traffic, providing flexible workstation access at home or on-the-go.

teradici ®
PCoIP

Deliver a high fidelity, high performance workstation experience to the office next door or anywhere in the world

AMD FirePro™ R5000

PCoIP zero client

AT A GLANCE

With the AMD FirePro R5000 remote graphics card combined with Teradici PCoIP technology, IT departments now have the ability to:

- **Increase productivity:** Designers can work securely from home or any office around the globe
- **Increase collaboration:** Co-workers and remote contractors can view the same workstation from different locations without data duplication
- **Decrease design cycles:** Real-time communication and design file access eliminates communication gaps and errors
- **Increase efficiency:** One data center can service computing operations around the world
- **Increase security:** All transmissions are encrypted and corporate IP is safeguarded in the data center or tower workstation
- **Grow efficiently:** Firms can expand their offices to lower cost centers, or use globally located, cost-effective contractors, without data center duplication or additional IT staff

Uncompromised quality of graphics

AMD FirePro R5000 remote graphics is AMD's second generation PCoIP based solution for remoting multi-monitor workstation computing experiences. Combining leading GPU technology from AMD with sophisticated transmission and compression capabilities from Teradici onto a single PCIe® card, AMD FirePro R5000 enables a true workstation experience on par with local desktop deployments.This powerful combination helps to eliminate latency and make efficient use of in-chassis PCIe slots.

AMD FirePro R5000 is capable of remoting up to four 1920x1200 resolution displays. It features 2GB of GDDR5 memory and a powerful mid-range GPU based on AMD's latest graphics architecture, Graphics Core Next, capable of processing up to 1.65 billion triangles per second. With the R5000, professionals can efficiently work with graphics-rich content and multi-task across multiple applications and displays with ease.

Unlike other remote graphics products, the R5000 eliminates out of chassis video cabling between GPU and the Teradici processor, and can leverage existing IP networks. The on-board display and network connectors enable simultaneous local and remote display for instant collaboration and increased productivity between in-office and remote workers. The R5000 is a drop-in, single card solution enabling instant collaboration and enhanced graphics performance.

AMD FIREPRO

The AMD FirePro R5000 remote graphics card, featuring Teradici PCoIP technology, improves 3D design productivity and efficiency. No longer tied to their desks, a globally dispersed workforce is free to work from home or a remote office, collaborate and share files efficiently and in real-time. A single data center can support global operations, enabling more efficient growth and IT staff resource management. The AMD FirePro R5000 improves 3D design development by making workstation resources available anytime, anywhere.

For more information, please contact: sales@amd.com or sales@teradici.com

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