Cloud-served e-mail, office applications, and instant messaging have allowed today’s workforce to be more mobile and connected than ever. This connectivity trend has begun to reap benefits for professional designers and creators as well. Today’s professionals regularly store and share their work in a central repository and collaborate with clients remotely.

However, a true end-to-end workflow that can be tapped from almost anywhere is significantly more enabling of productive work from afar. For example, an automotive design engineer can fine-tune aerodynamic material properties in real-time in Computer Aided Design (CAD) software from a remote wind tunnel facility or an architect responding to a last-minute customer escalation can review and approve a change in Autodesk Revit on their iPad right before they board a flight.

The value of accessing your workstation experience remotely at a whim can help enterprises be better equipped to capture today’s opportunities. Compatible with Citrix® XenDesktop®, AMD Remote Workstation introduces a cost-effective way to deliver true workstation-class capability almost anywhere.

### Deployment Made Easy

AMD Remote Workstation allows end users to access their physical workstation by leveraging a cross-platform Radeon™ Pro Software Enterprise driver. This allows the same workstation that can be used in-person at the cubicle to be accessed remotely without modification. No need to change drivers, plug or unplug the display, or power-cycle the machine.

The Citrix XenDesktop Virtual Delivery Agent (VDA) is installed on the workstation and broadcasts the Windows desktop to the client. Citrix® Receiver® is installed on the client, giving the end user access to their workstation. Figure 1 illustrates the sample deployment.
Same Experience. Different Location.
The value of a remote-work solution often hinges on location and latency considerations, usually quantified as click-to-photon (CTP) time. The reliance on a great user experience is further amplified in professional graphics workflows. Professional applications used in the Design and Manufacturing (D&M) or Media and Entertainment (M&E) industries are contingent on real-time model interaction and accurate visualization. Here client-to-server latency can make or break application-usability.

To optimize for high-latency environments, AMD Remote Workstation allows the Citrix VDA to securely access rendered frames directly from the AMD GPU’s framebuffer. This cuts out latency typically observed when a remoting application needs to traverse many software layers to access a copy of the desktop image.

A Software Stack You Can Count On
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TCO. Minimized.
AMD Remote Workstation is shipped with Radeon™ Pro Software for Enterprise driver, enabling Radeon™ Pro WX 7100 and Radeon™ Pro WX 9100, with zero additional AMD-driven operating or capital expenditures.

Conclusion
Professional graphics workflows stand to gain from industry trends towards a cloud-connected workforce. AMD Remote Workstation allows for an easy to deploy, reliable, and cost-effective solution that drives a genuine desktop-like experience. Make your enterprise more productive today with AMD Remote Workstation.

1. https://qaconsultants.com/stabilityaudit/
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