

CUSTOMER STORY

CLK Architects

Designers access their graphics workstations from home—with crisp lines, no lag, and multiple monitors



Corpus Christi-based CLK Architects is a leading architectural firm in South Texas, specializing in healthcare, higher education, K-12, and municipalities. The firm offers comprehensive architectural services, including design development, construction documents, bidding and contract negotiation, space planning, interior design, and remodeling.

“When we went home to work, about half of our team had Teradici Cloud Access Software while the others still had GoToMyPC. Nobody who tried Teradici software would go back. They won't give up multi-monitor support and not having to trade resolution for smooth motion. If I rotate a model from my home machine, the experience is almost exactly the same as it would be in the office.”

JAVIER HUERTA
PRINCIPAL AND VICE PRESIDENT, CLK ARCHITECTS

Challenges

- Enable designers to work in 3D applications as efficiently from home as in the office
- Comply with client confidentiality agreements
- Keep IT costs down

Solutions

- Installed Teradici Cloud Access Software on office workstations: Dell Precision 3000 series tower workstations with NVIDIA graphics processing units (GPUs)
- Also installed Teradici Cloud Access Software on employees' home devices
- Automatically connect home devices to the assigned office workstation using Teradici Cloud Access Manager

Results

- Delivered excellent work-from-home experience—with multi-monitor support and no tradeoffs between performance and image resolution
- Protected intellectual property because files never leave the office—only encrypted pixels travel over the network
- Built foundation to later replace physical workstations with rack-mounted remote workstations



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At CLK Architects, designers work with demanding applications like Autodesk Architecture, Engineering & Construction (AEC) Collection, Sketchup (3D design), Lumion (rendering), and Adobe software. “Design is about the visuals,” says Javier Huerta, principal and vice president. “When we’re working on a plan we need to see the details clearly. Grainy lines or lag are annoying and waste time.”

To make sure designers have a great application experience, CLK invests in powerful Dell Precision workstations with NVIDIA graphics processing units (GPUs). The firm’s principals have occasionally worked from home for years, most recently using GoToMyPC. But that solution came up short when CLK started using 3D applications like AutoCAD & Revit. With GoToMyPC, designers couldn’t have both high-resolution and fluid motion in Revit—they had to choose one or the other. Nor could they connect additional monitors, where they move application menus so that drawings can fill one entire monitor.

Then CLK discovered Teradici Cloud Access Software. “Teradici Cloud Access Software gives us the same application experience we have in the office, with clean lines, fluid motion, and multi-monitor support,” Huerta says. Deployment was simple: Teradici Cloud Access Software is installed on office workstations and home devices. Designers can access their workstation from anywhere, on any device with the software client installed. Most use an older office workstation or a laptop.

When designers log in, Teradici Cloud Access Manager automatically connects the device to the assigned office workstation. “When someone needs to connect to our media workstation, which we use for graphics or animation, I can give them access with a couple of clicks in Teradici Cloud Access Manager,” says Huerta. “We even use it when we’re in the office so we don’t have to leave our desk.”

teradici



The state of Texas issued stay-at-home orders midway through the rollout.

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Teradici Cloud Access Software also helps CLK comply with client confidentiality agreements. Drawings and other proprietary information never leave the office. Only encrypted pixels travel over the network from the host workstation to the device’s display. That means client information isn’t exposed, even if a home device is lost or stolen.

To reduce IT costs, the firm plans to later replace physical workstations with on-premises rack mounted remote workstations. Designers will access their remote workstations from low-cost, energy-efficient PCoIP-enabled thin clients or zero clients. Huerta concludes, “Teradici Cloud Access Software gives us a lot of flexibility. Whether we work from home or the office, and no matter what device we use, we have a great experience with 2D and 3D applications.”