

CUSTOMER SUCCESS STORY | GOULD EVANS

DESIGNING BETTER SPACES THROUGH PERFORMANCE AND PRODUCTIVITY



Image courtesy of Gould Evans





Image courtesy of Gould Evans

“We work on large models for rendering, often up to 1 gigabyte each, and the Dell EMC and NVIDIA VDI solution easily supports that size—even if 20 people are working on the same file.”

Matt Wilson, IT Manager,
Gould Evans

VISUALIZING ARCHITECTURAL SPACES WITH POWERFUL PERFORMANCE

Using VDI, enabled by the PowerEdge servers with NVIDIA virtual GPU technology, Gould Evans designers have powerful graphics-accelerated desktops that perform just like a physical workstation.

With the new solution, designers across studios can clearly visualize what an architectural space will look like. “We no longer have latency issues when people are at different sites, which previously caused corrupted files and locked design elements, so this makes collaboration much better,” said Wilson.

MAKING DESIGNERS MORE PRODUCTIVE AND BOOSTING FLEXIBILITY

With increased application performance, Gould Evans designers are more productive, inside and outside the office. “We have solved most of our remote performance problems with the Dell EMC and NVIDIA VDI solution,” says Wilson. “This kind of performance gain is already giving a significant boost to our overall productivity.”

Gould Evans now has the flexibility to work on client projects using teams working in studios across the U.S. “Designers across studios, which vary through complimentary expertise, can collaborate to solve problems,” says Wilson.

The organization recently completed a design for a 35-story building in San Francisco using 17 designers—working from multiple locations. “The client wanted to know what technology we used on the back end, and we explained how we use VDI to collaborate from five offices,” Wilson says. “He was highly impressed with how the Dell EMC solution enabled us to do all this.”

“Right after we deployed the solution, we asked a designer to do a rendering, and she was shocked at how fast she was able to complete it because of the Dell EMC PowerEdge R740 servers with NVIDIA Quadro vDWS software and NVIDIA T4 cards.”

Matt Wilson, IT Manager,
Gould Evans

“Everything is so much easier to manage with the NVIDIA virtual GPU technology.”

Matt Wilson
IT Manager
Gould Evans

DOUBLING MEMORY CAPACITY AND GRAPHICS PROCESSING IN MINUTES

Taking advantage of the flexibility of NVIDIA virtual GPU technology and using GPU live migration for continuous uptime and simple maintenance, the Gould Evans IT team can more easily provision resources when designers need additional capacity for graphics-heavy projects.

“If a designer needs more graphics or memory resources for a project, we can make some quick changes and double the memory or graphics processing power in a few minutes,” says Wilson. “In our previous traditional desktop environment, we couldn’t do that. We would have to order new graphics cards and wait at least several days for them to arrive. Now, we can do it immediately and ensure we hit all our project deadlines.”

To learn more about NVIDIA virtual GPU solutions, visit: www.nvidia.com/virtualgpu
www.nvidia.com



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