

CLOUD SOLUTIONS

AN ENGINEERING
SUCCESS STORY

VIRTUAL DESKTOPS ENSURE BUSINESS CONTINUITY

A Move Prompts a Virtual Solution

About the Client

Steven Kratchman Architect, P.C., is a New York City firm that specializes in the design of vertical additions and enlargements to existing buildings. Established in 1999, the firm has completed over 20 'pop-ups' to date, more than any other practice of a similar size. This work requires sophisticated AutoCAD software to build dimensional computer models that generate highly integrated solutions to test out solutions and shorten project phases. This significantly reduces construction costs and is a critical component to project success.

Their Challenge

Joanna G., Office Manager at the firm, initially contacted ITsavvy about an upgrade to their phone system. At the time, Joanna was negotiating the renewal of their space lease. During negotiations, the building was sold, and the firm was asked to leave. "With a 90 day notice, it was crunch time to find a new location," Joanna said. Eventually, space was located in Manhattan near the new World Trade Center. Unfortunately, the space required a complete build-out, and would not be complete before their current lease was up. This forced the staff of 12 to work without an office for three months. As Don M., Senior Client Executive with ITsavvy, developed a remote phone solution, it became clear that a larger problem was team access to the high end AutoCAD applications. Don proposed savvyDesktop, our hosted desktop solution. "This would

OVERVIEW

Industry

Design & Engineering

Client Profile

Based in Manhattan, Steven Kratchman Architect specializes in "pop-ups" to existing buildings. The work requires sophisticated software to build dimensional computer models that test designs, improve client communication and reduce timelines.

Business Situation

An unexpected lease termination forced employees to work remotely while a new facility was being prepared. This impacted phone and access to high end software.

Solution

ITsavvy suggested an NEC IP phone system and savvyDesktop virtual desktop to streamline remote application delivery.

Benefit

- › The staff was able to continue working through a six-month timeline and can now work remotely as needed. Large files are stored and backed up in the cloud to reduce onsite servers.

move the software and files to the cloud, and allow users to access them from any desktop or laptop, anywhere,” said Don. Joanna agreed.

Our Solution

The client required high-end servers and video cards to support the AutoCAD software, so Don selected Dell PowerEdge R720 with NVIDIA visual computing technology with K2 graphics cards. For the end users, Don selected Wyse Z90D7 thin client terminals. In addition, ITsavvy’s Unified Communications team installed an NEC IP phone system and included the carrier services for both the ISP and backup circuit. ITsavvy also installed all of the switches and power supplies with the alarm vendor to integrate the system with the routers. Finally, ITsavvy coordinated work with the Internet and phone carriers, Time Warner and Verizon, to enable rollover backups for redundancy.

Their Success

What was planned as a three-month construction project turned into six months. Yet the staff was able to continue its project load remotely. More importantly, since the new site is below ground, the virtual environment will also ensure business continuity in the event of flooding similar to Superstorm Sandy, which shut down much of lower Manhattan in 2012.

For Joanna, having ITsavvy as the single-source solutions provider was invaluable. “I’m not an IT person. I relied on Don’s expertise to help with decisions and project management,” she said.

“I knew only savvyDesktop would provide the speed and precision needed to work on detailed architectural projects remotely.”

Don M., Senior Client Executive, ITsavvy

FOR MORE INFORMATION,
please contact an ITsavvy Client Executive.

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The ITsavvy Solution

HARDWARE

- Dell PowerEdge R720 rack servers
- NVIDIA K2 graphics cards
- Wyse Z90D7 terminals
- NEC IP Phones

SOLUTIONS & SOFTWARE

- AutoCAD
- savvyDesktop® Virtual Desktop Solution
- savvyGuard® Managed Help Desk

PARTNERS

- Dell
- NVIDIA
- NEC



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