



TECHNOLOGICAL EVOLUTION: Advancing the Workflow and Security of a Growing Company

SITUATION

A growing environmental engineering firm was working with an unstable peer-to-peer network of ten on site users. They all needed to work on high-level CAD drawings with the ability to file share and print to a large format plotter. Floppy disks and CDs were being used to save high-resolution CAD drawings and was the only form of backup. Aside from major fear of data loss, the staff was not using many of the available technologies utilized by competition in the market – thus, fear of inadequate work compared to competition frightened the ownership. A few employees who worked out of the office were saving delicate information to laptop computers and printing documents when they finally returned to the office – a very inefficient and insecure form of remote work.

SOLUTION

After a comprehensive assessment of the company's needs and current infrastructure, SSD implemented a server-based network for both on-site employees and remote users to increase the productivity of CAD work. The server was equipped with a high-end tape back-up solution to ensure the ability to restore data in the event of a disaster. Workstations were upgraded to increase speed and ability to handle large format CAD drawings on all computers.

RESULTS

With this newly implemented workflow and back-up system the organization was able to ensure protection of their vital information as well as provide a means of remote access for their off-site employees. The upgraded workstations provided the CAD designers with better resources for creating their drawings and helped to boost the company's competitive edge within their market.