



Expansion of IT Infrastructure Creates New Efficiencies, Other Benefits

CLIENT PROFILE

Data Papers, Inc.

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Data Papers, Inc., is an industry leader in custom printed products, business forms, jumbo rolls, laser cut sheets, variable data imaging, labels and label-form combinations, mailers, unit sets, laser checks, multi-color printing, bindery and finishing services and much more.

SITUATION

When Data Papers, Inc., realized that it was time to look at a major overhaul of its existing technology infrastructure, they contacted the IMC to investigate the best solution available. IMC understood the need to work with Data Papers' key employees and new IT manager to define the best solution to meet the company's communication and data needs. That solution included recommendations on hardware and software purchases, as well as the design and implementation of a networking infrastructure that would reduce administrative costs while increasing functionality.

Data Papers, Inc., needed to extend their newly implemented Small Business Server network to incorporate their satellite Williamsport based sales office. The sales office was currently running two application servers that were difficult to maintain and administer. The desire was to simplify network communications while ensuring adequate availability and backup of user data.

SOLUTION

Optimal system implementation for the satellite office required the installation of a virtual private network, upgrade of systems and data migration. Computers and network printers at the satellite office were linked to the main office via a virtual private network tunnel. The satellite office's data was moved to the main network where it was secured and backed up nightly. Additionally, their email was moved to the company's main Exchange server utilizing a separate identity, allowing the team at the satellite office to maintain e-mail addresses that

were already familiar to their customer base. This configuration on the main server allowed satellite users to access groupware solutions such as public folders and shared calendars; permitted after-hours Internet based access; made it possible for smart phones and other mobile devices to receive e-mail while off campus; provided for IMC's SpamCare coverage to control spam; and offered additional data protection through enhanced antivirus mechanisms.

Deliverables:

A. Pre-Migration Activities

1. Prepare the new replacement PCs to include formatting and loading all required software and configuring to interface with host domain using the Microsoft SBS methodology.
2. Create the satellite users on the main network.
3. Create the kbfpriotech.com domain and satellite users on SpamSoap's network for anti-spam preparation.
4. Create and publish the www.kbfpriotech.com website on the main web server
5. Move the Xebra database to a hosted solution as discussed and configure the current user's software to start using this remote database.
6. Pre-configure the virtual private network connection.

B. Migration Activities

1. Install router and ensure virtual private network tunnel is established.
2. Change the IP addresses for the network printers.
3. Modify DNS records on AT&T's servers for email and web.
4. Modify Network Solution's domain registration.
5. Disconnect the Linux server (email) from the Internet but leave on the network.
6. For non-replaced PCs, reconfigure and setup as necessary.

RESULTS

As a result of this project and the overall design and careful planning for its implementation, Data Papers achieved an updated, stable, secure and easily managed networking system that reduced administrative costs and complexity while increasing functionality, and remote communication.

Total in-kind matching support valued at: \$1,400

Cost Savings/Avoided: \$234,192 (increased productivity and avoidance of lost time productivity due to system design, spam reduction and network downtime)



TESTIMONIAL

Keith Bennett
IT Manager
Data Papers, Inc.

“Not only did we have old technology, but outdated hardware and incompatible systems. IMC’s solution made me more productive so that I can now concentrate on the projects that I was hired for and also provide the timely support our operations demand. I have been able to double my efficiency – tasks that once took me hours, now only take minutes or seconds to complete with the new SBS configuration.

Due to IMC’s expertise, I knew I was getting the ‘right’ solution and was assured that they would provide us with the latest technology, bringing together the tools and systems to meet our needs at every step of the project. “