



Technology

Accredited Underwriters Insurance Case Study



SCENARIO

Problem	Solution
Numerous problems with the office network and network communications	Complete revitalization of the office network infrastructure

IN DEPTH PROCEDURES

- Cleaned up wires and extra devices. Gathered all known aspects of the network (IPs, domain info, printer settings) before resetting usable devices.
- Designed a new, workable network map to be implemented and added this to a folder that the client could use for reference at any time.
- Reset all devices and assigned each with custom settings. We put each computer on the “AUI” domain and set a static IP route for each networked device in the office according to our visual map.
- Left the DHCP intact for further connections (this sits on top of all the static routes) and secured each modem/router.
- New Dell business line computers were ordered for three of the AUI employees. All data was backed up on each machine remotely to the server and verified with each employee. All currently installed software and settings were also noted.
- Each computer was cleaned of any unnecessary OEM software and was loaded corporate antivirus. Each machine had its static IP applied and each was added to the domain.
- Computers were updated with Windows, Java, and Adobe, and all necessary software was reinstalled (including Office and custom made software pertaining to the business).
- After all software and updates had been installed, each employee’s data was restored and implemented.
- All computers that were not updated through Dell were put through this same process (Domain, static IP, updates)
- All printers were installed on each machine and tested along with the scanner and fax machine. The original technology company had to be called in order to come out and simply provide with a small program in order to fix and maintain the fax machine.
- The scanners SMTP server was installed on the server tower and configured with each employees email address.
- All older computers that were replaced by the Dell machines were reformatted and updated in order to be used for emergencies or for simply extra, working computers.

NETWORK DIAGRAM

Please note that all private information has been removed from this diagram for security. This diagram only serves to illustration the network infrastructure utilized.

