



SystemsNet Computer Service Network Audit

A Network Audit is an intensive diagnostic and planning service designed to check the critical components of your network for security, reliability, and performance. To make sure your network is running at peak performance 100% of the time, this audit should be performed at least once a quarter.

By evaluating your network once a quarter and reviewing future plans we can ensure that one of your most valuable business tool, your network and the information it contains, is performing at peak efficiency, safe, and problem free.

A dedicated engineer will perform this audit of your critical network component and then alert you to any potential problems and advise you on options available to remedy the situation.

The Following Components Will Be Audited:

File Server

- What version of the operating system is installed?
- Do any security patches need to be installed? (Note: security patches should not be installed haphazardly; not all patches are safe to install.)
- Is there sufficient storage space?
- Is there a storage redundancy system / is it working correctly?
- Does the hard drive need to be defragmented?
- Does the server have adequate memory and CPU power for its current load?
- Is up-to-date anti-virus software installed and working properly?
- Is the server adequately protected by an uninterruptible power supply/power redundancy supply?
- Does the file server error log show anything of concern?

Tape Backup System

- Are all necessary files being backed up?
- What is the frequency of backups?
- Are multiple tapes being used?
- Is a tape maintained off site for disaster recovery purposes?
- Is the tape drive being cleaned on a regular basis?
- Is the system set to verify that backups are completed without errors?
- Are recovery procedures documented?
- Is there a specific person (s) with the backup responsibility?

Network Infrastructure and Configuration

- What type of network is in place?
- What type of switch is being used?
 - How many ports total?
 - How many ports used and unused?
 - Is the topology expandable and able to handle a load increase?
- Is there a hub being used? Why or why not?
- Is there an active firewall in place?
 - What type?
 - Is the firmware up to date?
- Are there multiple layers of security?
 - If so, what are the layers?
- What type of internet connection is in place?
 - Who is the ISP?
 - What is the speed and configuration?
- What type of router is being used?
- What type of wiring is being used?
 - Is the wiring neat and clean?
 - Are racks being used?
- Is there a WAN in place?
 - What type?
- Is there a VPN in place?
 - What type?
- Are wireless components being used?
 - What types?
 - What is the configuration?
 - Is it secure?
- What are the IP Assignments?
 - Is DHCP or Static IP's being used?

- What is the naming scheme?
- Are print servers being used?
 - Are all shared printers attached to a print server?
- Is Terminal Server being used?
- Is Content Management being used?
 - Is the subscription being updated?
- Is the e-mail storage system internal or external?
 - Who is the admin user and password?
- What is password for the network administrator?

Workstations, Laptops, PDA

- How many workstations are on site?
 - Are they properly configured?
- Is antivirus protection also occurring at the workstation level?
 - Is the user able to disable the antivirus software on his/her machine?
- Is there spyware detection and removal software installed?
- Is there an AUP (acceptable usage policy) in place?
- Is there content filtering software installed?
- Are there any remote workers or traveling employees using a laptop?
 - Are those laptops scanned for viruses and spyware before connecting to the network?

Company Growth and Expansion

- Does the customer foresee adding any new hardware or software in the next three months?
- Does the customer have plans to upgrade or install any key applications?
- Does the customer see any significant increase or decrease in their business in the next two years?
- Are there any custom applications the client is using?
- Are there any on-going problems the client is experiencing?
- Are there any manual processes the client would like to automate?