

Network Documentation

Networking/ Security



Features

Network Documentation

Benefits

Improved uptime

Lower consultant costs

Smoother project implementations

More accurate budgeting

Identification of potential security issues

More effective network managers/designers

In most companies, Network Managers transition in and out of the job every few years, often leaving behind networks that have evolved during their tenures... and that nobody else entirely understands. To maintain best business practices and productivity during transitions like these, Network Documentation is critical.

When maintained and coupled with a strong change control policy, Network Documentation enables everyone in the organization to understand the network itself, as well as the interdependencies for maintenance, troubleshooting and planning around future applications and technologies.

What's more, Network Documentation can increase time efficiency, decrease costs and prevent poorly-planned upgrades. For instance, when the network malfunctions, it is difficult and time-consuming to pinpoint the cause of the problem without network documentation. And it can take vendors or managers longer than it should to gain even a rudimentary understanding of the environment during the implementation of new solutions. IT Managers, Application and Network designers all need detailed information about the state of the current network, in order to provide accurate estimates of the impact new systems will have on the existing infrastructure.

Security is also an important concern when attempting to better understand your network. Although a firewall can inspect traffic that is forced through it, if there is an alternate path that can be found by a hacker, then the firewall will not be able to protect your systems. While the network documentation service is not a security audit, many potential security issues are typically identified during this process.

Network Documentation Services

CDI's certified network professionals can create detailed port level documentation of your existing network using a wide variety of tools and techniques to collect, compile and present data. The comprehensive report, provided in Microsoft Word and Visio, provides detailed information about the existing network:

- Network equipment
- Type of cable in use
- Make/model/serial number
- Cable testing
- Software/firmware levels
- Length
- Memory
- Errors paring
- Interconnect ports (to other networking equipment)
- Crosstalk
- Configuration information
- Noise
- VLANs
- Specification rating
- IP address
- Type of patch cords
- Name
- Wire management
- Protocols
- Recommendations
- Patch panels
- Best practices
- Type/CAT# rating/port count
- Upgrades
- Fiber connectors/fiber type
- Single points of failure
- Location/name
- Basic security information
- Interconnect information to other patch panels
- Power/environmental considerations
- Cable plant
- Racking

We provide our reports in standard Microsoft formats so that they can be updated and maintained by your managers. In the event that your existing environment is not up to industry standards, we can recommend customized, best-in-class solutions, certified installation and superior client service.

Providing Clarity to Move Forward

CDI's Network Documentation will provide network managers, designers and consultants the clarity needed to save them valuable time. The financial ROI is typically less than a year, and the improved uptime and productivity immediately builds confidence in your staff and end users.

CDI is an IT infrastructure services company that lends knowledge, experience and credibility to helping companies facilitate communications and collaboration between employees, partners and customers around the world.