

●●● **Do you have a need for speed?**

Is your Internet connection slower than expected? Are you concerned that adding more computers may drag down your entire network? Are your routers and switches limiting your productivity and growth? It might be time to upgrade to faster switches and routers to increase your speed and throughput.

●●● **Switches—the network speed demons.**

A switch is a device that delivers internal data to its destination. Switches sit at the core of your network and improve speed by eliminating collisions where communications converge. Many switches also communicate at several different speeds, so they can be helpful when your company is making the transition from slower to faster technologies. If you still have older hub devices, a switch may considerably improve your internal speed. Switches are a smart investment, providing higher performance, ease of management, and the flexibility to grow with your business.

Our engineers can analyze your network performance and recommend the appropriate switch to boost your speed and keep your communications flowing without collisions and interruptions. We are experts in the important details of port-by-port configuration such as duplex and spanning tree settings.

●●● **Routers—the doorway to the outside world.**

A router is a device that forwards internal network traffic to an external destination. A router is needed to make the Internet or a remote office appear to be part of your internal network. The right router can dramatically improve external communication speed when workers are downloading files from the Internet, or accessing files or e-mail remotely.

Our skilled technicians can install a router to boost your external communication speed, making Internet data as fast and convenient to access as your local hard drive. Our in-depth knowledge of such complicated issues as IP subnet addressing and routing tables ensures that your router provides the best performance possible.

●●● **The little things count.**

The trick to developing high-performance networks is to attend to the details, as well as to the obvious settings. We start by obtaining a deep understanding of your entire network, from cabling and operating systems to the smallest details of your switch configuration. We don't rest until we pinpoint and address the bottlenecks or inefficiencies that may be impeding the speed of your communications. We know which components have the biggest impact when added or upgraded, and which cost-effective recommendations will produce noticeable improvements. You benefit from a fine-tuned network that provides fast, uninterrupted data communications, as well as seamless, reliable Internet access.



Our expertise.

NPI has been building computer networks and optimizing Internet communications since 1988. We're the premier computer networking company in the region, working with all kinds of businesses—from those with single-server networks to those with complex multiserver enterprise environments. We are one of a handful of Premier Partner Cisco organizations in New England, and know routers and switches inside, outside, and upside down. Our technicians also hold coveted certifications from Microsoft, Novell, Check Point, Citrix, and Juniper, among others. We recommend only "best-of-breed" products and strive to stay on top of this ever-changing technical environment. Our goal is to implement the best solution right from the start, so that your communications are powerful, protected, and configured correctly.