

## Dunwoody College of Technology



Dunwoody College of Technology provides leading-edge technological education and service to a diverse population of learners preparing for and practicing in business and industry. With a growing population currently more than 3000 students, Dunwoody is a recognized best-in-class leader and innovator in learner-centered workforce development.

To most effectively train all these students, Dunwoody operates a sophisticated local area network (LAN) throughout its campus in downtown Minneapolis. It also provides laptop computers to its students for Internet research, school papers, and other assignments.

Behind the scenes, the college hosts several web, email, and ftp servers, dozens of printers, and provides remote access to its corporate partners. Four T1 telecom circuits connect Dunwoody to the Internet. Each year, the LAN grew more complex than the prior year as Dunwoody constantly added more services.

By the summer of 2002, Dunwoody had a problem. Its network was now well known around the world and it was becoming a target for potential invaders and various crackers and other attackers. It needed sophisticated firewall protection from the Internet and the flexibility to easily add more services and provide remote access. In addition to being unbelievably versatile, this firewall system had to provide unprecedented reliability, it needed capacity to handle 4 T1 circuits and a demanding user base of faculty, staff, and students, and it needed to come in under a ridiculously low budget.

Dunwoody investigated all the conventional commercial offerings and found that none could meet its requirements. The high priced products met the reliability and flexibility needs, but were way beyond Dunwoody's budget. None of the low priced offerings passed the technology requirements.

That was when InfraSupport got involved.

InfraSupport's Linux based firewall system met all of Dunwoody's needs and more. The system, based on an aging 400 MHz clone PC, doesn't look like much, but it provides a key service to all of Dunwoody. It allows acceptable traffic to and from Dunwoody's network and keeps out unacceptable traffic. In addition to a roughly 90 percent cost savings over the conventional commercial approach, the InfraSupport firewall system provides even more flexibility, capacity, and reliability than anything Dunwoody investigated. It's been running since September, 2002 and has performed flawlessly.

As Chris Leiseth, Dunwoody Network Administrator put it, "I don't know what we would have done if InfraSupport hadn't come along. I would enthusiastically recommend this system to any organization with a computer network."