



## KEY HIGHLIGHTS

INDUSTRY: EDUCATION



## CHALLENGE

Find an affordable way to simplify IT administration and contain server sprawl.

## SOLUTION

VMware Server provides a cost-free way for organizations to virtualize and consolidate their servers.

## VMWARE AT WORK

- VMware Server
- VMware Converter

## DEPLOYMENT ENVIRONMENT

- VMware Server running on Dell 6450/900, Dell 2650, Dell 1750
- Host operating system: Windows® 2003 Enterprise
- Guest operating systems: Windows® 2000, Windows® 2003, Novell® Netware® 6.5, Windows XP pro
- Applications: ADP payroll program, Microsoft® SQL™ database, Microsoft® IIS® server, Blackbaud® Researcher's Edge®, Sagebrush/Winnebago library card catalog, GoToMyPC

*"The main benefit of VMware Server is that it allows me to be more in control of the technology that I'm responsible for—and that's a very good thing."*

George Dougherty  
CTO, Faith Baptist Bible College

## Faith Baptist Bible College

The mission of Faith Baptist Bible College (FBBC) is to provide an intensive biblical, vocational and general education on the college level, with the goal of preparing students to minister effectively in Christian service through leadership positions in Baptist churches and other organizations of like convictions.

An Iowa-based college with approximately 500 students, FBBC found itself dealing with server proliferation as its campus grew. "We had just built a brand new server room to accommodate all of our servers, but there were still cooling electrical issues to contend with," says George Dougherty, chief technical officer of FBBC.

Using the free VMware® Converter solution, FBBC was able to easily convert many of its existing physical servers into virtual machines, while VMware® Server allowed FBBC to consolidate its servers by partitioning physical servers into multiple virtual machines. "Overall, VMware Server has worked out very well for us," says Dougherty. "It's easy to use and administer, and it has helped us get our server sprawl under control."

### Results

- **Achieve 3:1 server consolidation ratio.** "Our server room holds four racks, and right now we've got it down to just one rack with six towers. Those will be phased out as we virtualize even more machines," says Dougherty.
- **Save hours on server administration.** "I used to have to walk across campus to the server room every time I needed to do some troubleshooting," says Dougherty. "Now I can accomplish that same feat without leaving my desk, thanks to VMware technology. The administration of virtual machines is ridiculously easy."
- **Save thousands of dollars in hardware costs.** "We've been able to redeploy some of the physical servers that we've phased out as workstations, rather than buying new hardware—savings from hardware investments definitely add up," says Dougherty.