



"Because of the project and implementation planning provided by Lanlogic, the College's Desktop Support Technician was able to migrate the 400 lab computers by himself in a little over four months. This process had previously taken him more than a year when migrating from Windows 95 to Windows 98."



Feather River College

**Challenges included:**

- Migrate 9 computer labs (approx 400 machines) from Windows 98 to Windows 2000 Professional
- Provide a pleasant user experience for students, but with a strong emphasis on security
- Automate all possible tasks, as the support staff for this project was a single engineer
- Central place where they could manage security patches, service pack deployment and security policies
- Automate their computer imaging process for future computers and computer repair
- Assistance with planning and execution of project

**Services Provided:**

- Group Policy design and deployment
- Remote Installation Services creation and customization
- Creation of test labs for proof of concept
- Microsoft Systems Management Server installation and deployment
- Coordinated security testing and network access for outside security audit firm
- Project management

**Services Provided:**

IT Staff of Three

Extending

## Leadership

### A Community College in a rural mountain city

Feather River College a Community College in the rural mountain city of Quincy, CA asked Lanlogic to assist them with planning and implementation of this difficult migration. Lanlogic worked with their existing IT staff, as well as the appropriate college staff members who used to labs, to help design a migration strategy that best fit with their education calendar.

Prior to implementation, Lanlogic helped the Feather River College IT Staff create a secured desktop environment using Group Policy tools from Microsoft and the Deep Freeze Enterprise software from Faronics. This process included a detailed testing phase where multiple college employees participated and provided feedback. Once this secured environment was approved, it went into a trial on the 25 lab computers located in the college's Library Research computer lab. The Windows 2000 Professional operating system was distributed to the lab computers using Microsoft's Remote Installation Service (RIS) images from a central Windows 2000 Server.

Remote administration of the lab computers was automated using a custom VNC application created by Lanlogic for the college. This application included the appropriate branding and language so that it appeared as if it was unique to the college network and had been created internally.

Lanlogic helped design and deploy a Microsoft Systems Management Server (SMS) and Microsoft Software Update Service (SUS) server to help automate the process of deploying security patches and application upgrades. The college also found the SMS product to be very valuable because of its ability to create hardware and software inventories on the lab and staff computers.

Because of the project and implementation planning provided by Lanlogic, the College's Desktop Support Technician was able to migrate the 400 lab computers by himself in a little over four months. This process had previously taken him more than a year when migrating from Windows 95 to Windows 98.