



Video-on-Demand over ATM Network

A fully functional, interactive and user-friendly client-server system has been developed for real-time **Video-on-Demand** service over the ATM network using a dual-alternative buffered playback technique.

Salient features of the system include:

- ◆ Built-in traffic monitoring
- ◆ Video streaming

The system consists of an ATM switch, a server with an ATM adapter card and a video repository system, and multiple client PCs, each equipped with an ATM adapter card and an MPEG encoder. The software modules were developed by NTU staff and students.

