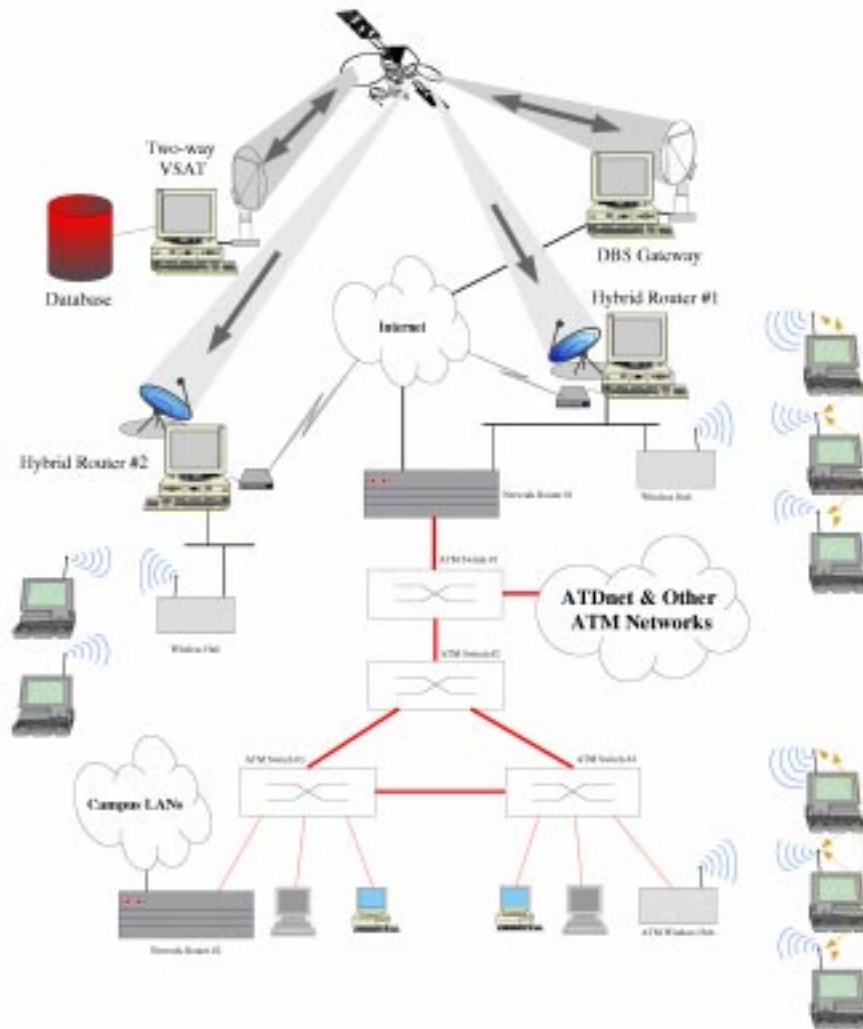


Hybrid Networks Laboratory

First Phase



Hybrid Networks Laboratory

- Fully meshed ATM network with OC3/12 connections
- HP Broadband Test equipment with DS3, OC3, and OC12 modules
- ADTECH data channel simulator with DS3, OC3 interfaces (will procure OC12 when available from manufacturer)
- Comsat Fast Packet switch
- Fully meshed mobile network using multiple wireless interfaces
- Hybrid Host Router capable of redistributing unicast, broadcast and multicast traffic streams
- Developed a system to study the effects of jitter on real time applications on ATM networks. This system can generate both bursty and constant bit-rate traffic