Cypress Semiconductor Corp., a $500 million manufacturer of integrated circuits for RAM products and computer and network devices, runs a 155-Mbps ATM campus backbone with Ethernet subnets.

One of the main applications that the high-speed ATM backbone supports is the CAD design of Cypress' semiconductors, including this SRAM (Static Random Access Memory) chip for PCs, workstations and network devices.

Managing two network technologies can take multiple tools and technicians. Here, senior network engineer Norene Waters and network system engineer Hung Vo use separate management tools to check on a network connection that traverses both the Ethernet LAN and the ATM backbone.

Cypress' network extends to its manufacturing sites around the globe as well as to the Internet via this Cisco 7507 router, one of only two routers in the backbone network.

3Com's CoreBuilder 7000 ATM switch is the heart and soul of Cypress' backbone. Ethernet LAN traffic travels over the ATM network using LAN Emulation.