



# Tech Info Library

## Ethernet: NFS-to-ATP Translation Over Backbone

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TOPIC -----

I want to connect to an Ethernet backbone to which personal IRIS workstations are connected. I want to do NFS-to-AFP translations. Basically, I want to do the same thing that the Cayman GatorBox does, but I want to eliminate the GatorBox and connect directly. The personal IRIS workstations are UNIX machines; their UNIX adheres to TCP/IP standards. We are looking for a supported solution. I would rather not get Telnet using Excelan's EtherPort SE/30 and host access for the Macintosh. I would rather mount directories onto my Macintosh. Can I do this without a GatorBox?

DISCUSSION -----

Yes, You can do this without a GatorBox by getting the CAP (Columbia AppleTalk Package for UNIX), a public domain software from Columbia University. Here are CAP's prerequisites:

- Kinetics FastPath box
- KIP, a revision of the UDP software, developed by Bill Croft at Stanford University
- Based TCP/IP host running UNIX

For the above CAP/KIP/AUFS solution, basically, the customer needs to install the CAP software on the UNIX host and download the KIP code to the Kinetics FastPath box. The client Macintosh side can run on either LocalTalk or EtherTalk.

For more information on CAP and KIP, search under these words in the Tech Info Library. Also, pay particular attention to the Tech Info Library articles "UNIX: Kip and Cap Information," "Macintosh: Columbia AppleTalk Package And AUFS," and "Macintosh-To-Sin Connectivity."

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