Macintosh-to-HP/UX Connectivity

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TOPIC --

I have an HP9000 running HP/UX and a LocalTalk network with many Macintosh
systems and connected by Farallon's PhoneNET StarController system. I would
like to convert the LocalTalk system to run Ethernet (Farallon has the PhoneNET
StarController EN, which should do the job).

However, HP's implementation of TCP/IP runs across 802.3 networks and not
Ethernet. Our TCP/IP implementation (via MacTCP) pumps out Ethernet packets
and not 802.3. I want to connect the Macintoshes to the HP/UX system to do
file transfer (no file conversion necessary), terminal emulation, and SMTP.

Can you suggest any third-party gateways that can convert Ethernet packets to
802.3 on an Ethernet-based StarController EN network? Do you see any potential
problem to implementation based on the PhoneNET StarController EN to HP/UX?

DISCUSSION ---

The product of choice for this type of conversion seems to be the cisco router.
If you want to translate HP 802.3 to Ethernet on the same cable, you can
configure the cisco to do that. It's been in the product for three or four
years. 802.3 to Ethernet was one of their original design goals.

If you want or need a bridge, HP bridges work fine with both Ethernet and HP
802.3 encapsulation. For more details, search the Technical Info library under
"cisco."
<None>

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