

Perle 494T Remote Controller

Migrating SNA over Leased Lines to a Frame Relay Network

Problem

- An AS/400 customer identified the benefits of moving its traditional SNA-based connections from SNA over leased line to an SNA over Frame Relay Network. However, the remote branch would like to support up to 10 Twinax devices (Twinax terminals NWS and printers) and up to 20 LAN users (Ethernet or Token-Ring).

Solution

- Deploy a connectivity solution that uses SNA over Frame Relay to connect all remote branches to the central site AS/400 server.

Benefits This Would Bring

- A Frame Relay Network is more cost-effective compared to a WAN solution (e.g. X.25, SDLC).
- Frame Relay protocol has little overhead, maintaining high throughput and fewer transmission delays.
- Easy configuration and maintenance. Frame Relay protocol is easier to configure and maintain than a DLSw router

The Solution Proposed By Perle

- Replace the current controller solution at the remote site with a Perle 494T Remote Controller. Users can consolidate their corporate SNA network by routing remote SNA traffic through the controller over a Frame Relay Network using IP over frame relay protocol. This solution eliminates the need for SNA-enabled routers, such as DLSw routers, and the capital, operating, management and maintenance costs associated with their deployment. The company can save money by using the standard high-speed comm card of the AS/400 at the central site that will support a direct Frame Relay connection without the need for additional FRADs.

Why Choose The Perle Solution

- Saves money. Eliminates external hardware and maintenance, since FRADs or DLSw routers are not required. There are fewer devices to manage and less external hardware for potential points of failure.
- Increased remote branch productivity. Users deploying either PCs or NWS Twinax terminals have a fast and reliable 5250 connection to their corporate AS/400.
- Easy installation and support. Single box, single vendor solution.
- No performance overhead. By using a native AS/400 SNA connection solution, users eliminate the poor performance overheads associated with DLSw router-based solutions.
- Fully IBM integrated solution. The Perle 494T is designed to support up to 4 AS/400s over the same APPN connection.