

3410 Series

Access Services Gateway

for ATM, Banking and Retail Transaction Applications



Vanguard
NETWORKS

Solutions Sheet

A high performance Access Services Gateway

The Vanguard 3410 provides a high performance, cost-effective WAN CPE solution for Broadband VPN, MPLS, Frame Relay, or lease-line carrier transport networks. The 3410 ASG supports connectivity to Bisync, SNA, or Serial transaction devices (ATMs, bank controllers, POS devices, etc.) on today's and tomorrow's carrier transport technologies, enabling seamless migration without "ripping and replacing" non-IP applications or peripheral devices. The 3410 ASG has the performance and headroom needed in an all-IP future while Vanguard Networks' customers are assured of investment protection for their existing applications.

Specifically Designed for Financial Service Providers and Retail networks

Regardless of your network transport technology, you want a network you can depend on to connect both people and business applications. The Vanguard 3410 open, modular architecture and small foot print allows flexible deployment and cost savings, now and in the future.

Single CPE platform for support of IP, BSC, SNA, or Serial remote transaction-processing devices

An industry leading support of serial protocols such as IBM SNA and Bisync, and their seamless integration over secure IP networks, MPLS, and Frame Relay. You can use this platform regardless of hardware connectivity. The flexibility to support IP, BSC, SNA, or Serial remote transaction devices allows the use of many different applications for the cost of one device.

Vanguard Networks outstanding reliability

Vanguard Networks' Applications Ware suite of protocols and security routing features have been deployed throughout thousands of locations. Their outstanding reliability has proven itself over the many years of service provided to customers without interruption.

IPSec VPN, Integrated Firewall and SSH support for network security standards compliance

Today's enterprise security features are designed to enable secure site-to-site, internet, and remote access connections over IP. The 3410 supports secure access via IPSec VPN with integrated firewall and optional hardware-accelerated encryption.

**You need a company that can support today's
existing and tomorrow's technologies allowing you to lower
costs as well as increase your network uptime and satisfaction.**

Vanguard Networks provides you with top notch expert support and customizable maintenance options as well as cost-effective deployment assistance and nationwide coverage.

A high performance, multi-protocol Access Service Gateway

Supports broadband, MPLS, Lease-Line, and Frame Relay network services

Single CPE platform for support of IP, BSC, SNA, or Serial remote transaction devices

IPSec VPN, Integrated Firewall and SSH support for network security standards compliance



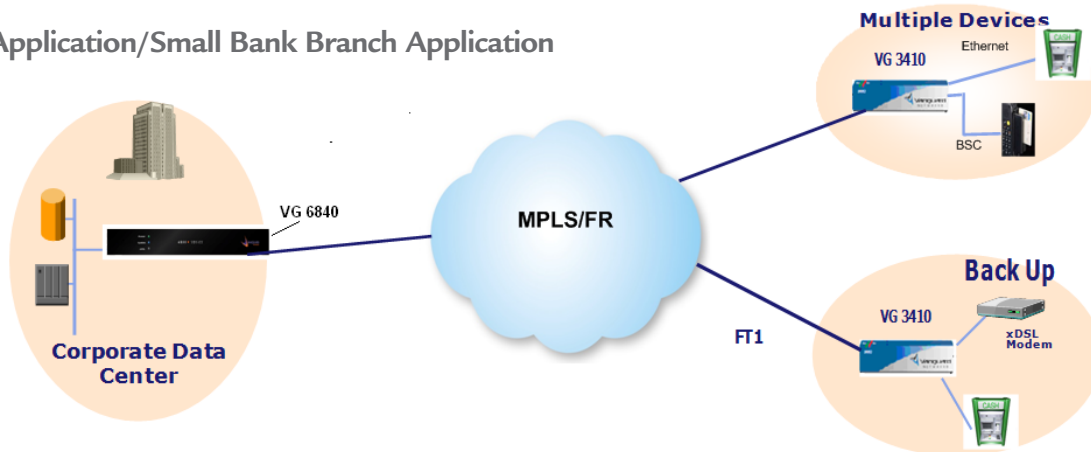
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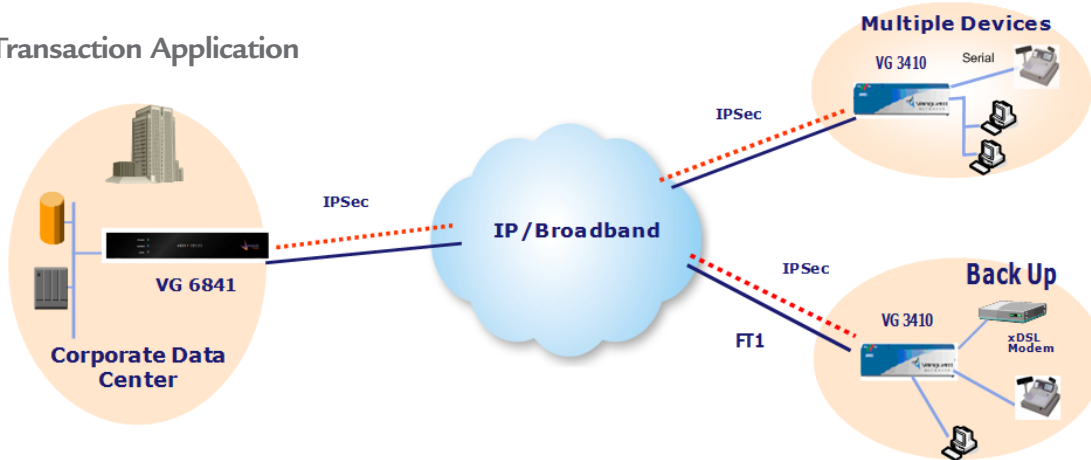
Target Applications

The Vanguard 3410 is ideal for a wide variety of applications in the financial services market. The diagram illustrates the many multimedia connections and WAN transports supported by this versatile gateway.

ATM Application/Small Bank Branch Application



Retail Transaction Application



The major applications envisioned for the 3410 on the following scenarios:

- Financial services providers whose networks include ATM machines that link via Frame Relay, MPLS, or broadband
- Small bank branch offices with site-to-site VPN tunnels, encryption requirements & QoS demands for IP traffic
- Small retail stores multi-protocol applications