

Netrix Transaction Network Solution

The Challenge

High network reliability and low latency are essential when handling the critical data transactions associated with automated tellers machines, financial exchanges, credit card verifications, gaming, and electronic benefits applications. Failure to meet these requirements, even for short periods of time, can negatively impact customers and may adversely affect revenue generation and/or cause financial penalties to be incurred.

Given the market pressure to offer services that are both cost effective and flexible, the solution must readily adapt to industry changes and provide for an easy evolution to next generation technologies.

The Solution

Leading transaction processing companies around the world have come to rely upon the Netrix Network Exchange 2500 product family when building reliable, low latency networks. Over seventy percent of the fifty million daily U.S. dial-up POS transactions, as well as a significant number of international transactions, are carried on the Nx 2500 product family.

Major benefits provided by the 2500 products include:

Fault Tolerance. The fully fault-tolerant hardware and software architectures of the 2550, when combined with dynamic adaptive routing, allows implementation of a self-healing, high availability network.

High Performance. With a throughput of 1.2Gb and support for Ethernet, ATM and T1/E1, the 2500 provides low latency, high capacity switching.

Flexible Platform. The 2500 fully supports IP, ATM, ISDN, Frame Relay and X.25 switching to meet the many requirements of POS networks.

Comprehensive GUI-based Network Management. The 2550 is managed by a comprehensive NMS which includes full monitoring, control, and configuration. The NMS also provides the industry's most extensive remote diagnostics capability, including datascopes, pattern generation, and full interface breakout functions that maximize network up-time. Problems can be quickly identified and rectified, thus minimizing the impact on network availability. The management system is fully distributed, and offers custom filtering and thresholds to minimize the bandwidth required for network management functions.

Support for private, public and hybrid facilities. The 2500 can operate over a wide range of facilities. Conversions such as Annex G are provided to allow for auto back-up over diverse facilities.



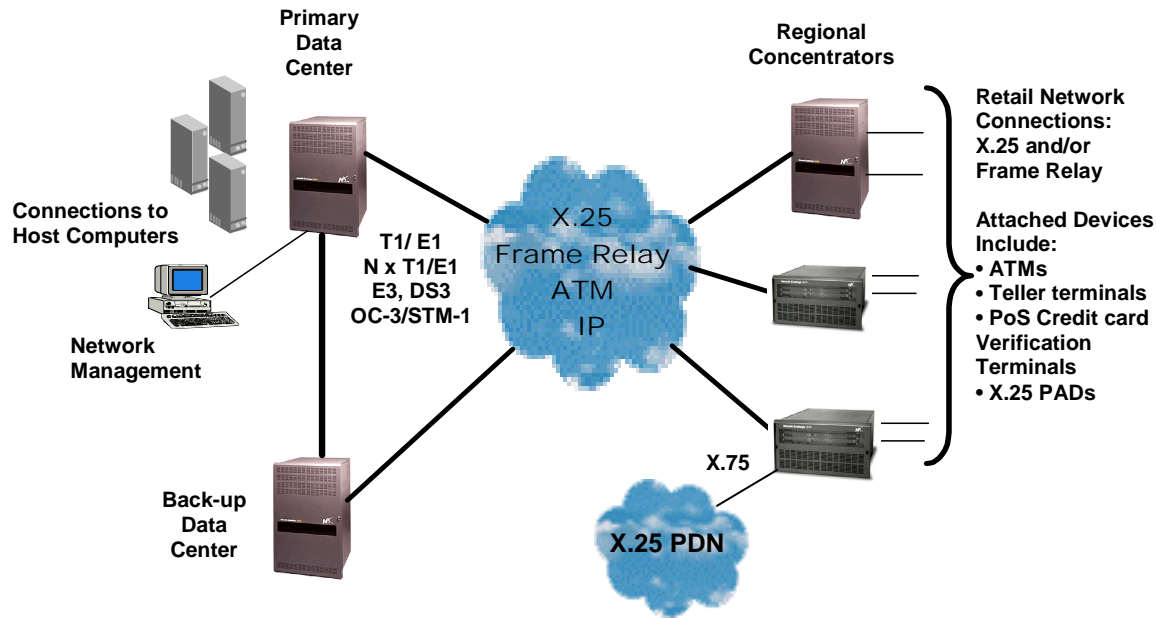
**Maximum
Flexibility and
Reliability**

**Multi-Service
Platform**

**Low Latency
Networking**

**Deployed in
leading
transaction
processing
companies**

Banking and Financial Transactions Network



Summary

The Netrix Multi service product family offered by NSGDatacom is designed to provide high performance packet switch/router functionality with scalability, full redundancy, and high availability.

By working closely with our customers, we have developed a world-class combination of features on the 2500 platform, making it ideally suited to meet the demanding needs of the transaction processing environment. The Nx2500 product is deployed in and relied upon for the transmission of critical data in financial networks worldwide.

About NSGDatacom

NSGDatacom designs, manufactures, sells and supports a wide range of voice and data products focused on real world business communication needs.

Combining key strategic acquisitions with its own core development team, NSGDatacom utilizes a wide range of proven, stable technologies. NSGDatacom create solutions with these technologies to maintain and preserve organizations' network investments and mission-critical applications while enabling a smooth migration to newer technologies.

NSGDatacom products are deployed worldwide in corporate, financial, government, carrier, satellite, and cellular networks.

NSGDatacom

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