

# PERLE SYSTEMS LIMITED

## COMPANY OVERVIEW

Perle Systems has been in business since 1976. Since then, it has provided data communications solutions for a wide range of industries and applications. Perle Systems specializes in solving data communications incompatibility problems by means of a family of communications controllers and front-end processors designed and manufactured by Perle Systems.

Perle Systems services the U.S., Canada and Europe from offices in Toronto.

## EXPERIENCE

Perle Systems became involved in NAPLPS systems technology when it developed a home banking gateway system to interface a videotex processor with the Bank of Montreal on-line banking system.

## PRODUCTS AND SERVICES

Perle Systems delivers fully customized turnkey systems to interface videotex processors with conventional on-line transaction processing systems. Key applications are in the areas of:

- Electronic funds transfer
- Home banking
- Catalogue shopping
- Securities quotations

The videotex interface or gateway systems incorporate the Perle PDS 400 front-end processor and Perle-developed software. They employ a software architecture developed and widely implemented by Perle for automated switching of teller machine transactions.

The PDS 400 NAPLPS gateway system developed for home banking at the Bank of Montreal provides interface between an Infomart videotex processor supporting the bank's on-line CICS banking system. Home banking customers can perform balance and interim statement enquiries and transfers in real time, and can obtain access via a password security system implemented in the PDS 400. In addition to access security, the PDS 400 software provides full control over NAPLPS page selection in response to customer requests for banking services. The key benefit of the front-end processor approach is that the bank can provide full on-line videotex services with transaction access to its existing banking and credit card application systems without charge.

## FUTURE DIRECTIONS/ TARGET MARKETS

Perle Systems sees a rapidly growing market for NAPLPS gateway applications in the coming years and will be actively pursuing this market.

## FOR MORE INFORMATION

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