

NETWORK VIDEOTEX SYSTEMS INC.

COMPANY OVERVIEW

Network Videotex Systems Inc. distributes content, software and specialized NAPLPS terminal equipment to videotex system operators and other electronic publishing organizations in the United States and Canada.

The company assists system operators in the successful development of their electronic information products by accelerating the growth of subscribers and increasing the revenues from information providers.

Network Videotex Systems is a distributor of videotex content. The Company offers access to a network of valuable content sources for all applications, including high-quality educational and entertainment material. As a service organization to many system operators, Network Videotex Systems can find key content and make it available in the appropriate NAPLPS formats at a fraction of the cost that each operator would otherwise incur.

EXPERIENCE

David Carlisle, the President of Network Videotex Systems, has extensive experience in all aspects of the videotex industry.

As President of Infomart from 1979 to 1983, Mr. Carlisle built that company from start-up to the leading electronic publisher in Canada and one of the major videotex system operators in North America. He pioneered the first two commercial videotex services in

North America using the NAPLPS standard format:

- The Grassroots service for agribusiness in western Canada.
- The Teleguide public access service for visitors and residents in Toronto.

PRODUCTS AND SERVICES

Network Videotex Systems distributes content, software and QUICKPEL™, an IBM PC compatible, NAPLPS intelligent decoder board, which has the following features:

General

- Single board, plugs into PC slot.
- Full NAPLPS compatibility, conforms to the Service Reference Model in all of Macros, DRCS, full colour mapping, logical pel, unprotected fields; and exceeds SRM requirements in complete text scaling, splines, automatic clipping on screen boundaries.
- Data I/O through PC Bus.
- Based on Intel 8088 microprocessor, with its own multi-tasking executive for simultaneous execution of NAPLPS decoding and user tasks.

Video

- Resolution of 256x200 pixels, 4-bit memory plane, providing 16 simultaneous colours out of a palette of 4096 total.
- NTSC baseband video output, standard 1 volt p-p, 75 ohm.
- 256x10 status line, allows user interaction outside of main display area.

Software

- IBM PC DOS BIOS module supplied.
- Videotex access program enables the IBM PC to be used as a terminal into a videotex database.
- Address switch selectable, any one of 32 possible addresses, 4 memory locations per device.
- Serial number returned under IBM PC program control, enables ID validation.
- On-board multi-tasking executive, control of task priorities and execution, inter-task communication, each task has four states, running, ready, blocked, dormant, supported tasks include NAPLPS decoding and default session protocol; in this environment, up to 7 additional user-defined tasks can be run; alternatively, the user may choose to override all default tasks to a maximum of 14.
- 16K bytes of RAM for downloadable data and/or programs.
- 256 bytes of R/W non-volatile memory, for storage of user-defined recurrent data.

Mechanical

- Plugs into a single slot in the IBM PC Bus.
- Size (approx.) = 13.2" x 3.9".
- Video phono jack output.

FUTURE DIRECTIONS/ TARGET MARKETS

Mass market penetration of videotex across North America requires a strong infrastructure and network of supporting services. Network Videotex Systems' goal is to fulfil a vital role in that infrastructure as a major distributor of valuable content and software.

FOR MORE INFORMATION

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