

## COMPANY OVERVIEW

Founded in 1975, NORPAK Corporation develops, engineers, manufactures and markets a range of NAPLPS and NABTS hardware products and systems.

NORPAK is a principal developer and major manufacturer of videotex and teletext system hardware, playing a substantial role in the continuing development of videotex in North America and throughout the world. NORPAK products include a variety of decoders, encoders and frame creation systems for videotex and teletext applications. NORPAK designs and manufactures systems for business, educational and audiovisual applications.

In addition to the production of end-user devices, NORPAK is uniquely suited to contract engineering and OEM work. Joint development (with Rockwell International) of VLSI videotex and teletext chip sets and boards will enable NORPAK to offer its expertise in this technology to other consumer electronics firms that wish to incorporate NAPLPS or NABTS into their own product line.

NORPAK also has a history of successful work with the military, in graphics processing and videotex-based information handling systems.

## EXPERIENCE

NORPAK decoders and information provider products are compatible with IBM's newly-announced SVS/1 videotex applications software and are in wide

use throughout North America, Europe and Australia. Recent activities include agreements to provide products or services to Rockwell International, RCA Service Company, Mitsui & Co. Ltd. and SASK TEL.

## PRODUCTS AND SERVICES

### Videotex Products

- **Information Provider System (IPS-2)** — a frame creating/editing workstation for creating, editing, showing and recalling NAPLPS-encoded images for use with videotex/teletext systems.
- **Graphics Computer (GC1000)** — a table-top, all-in-one microcomputer which can receive, create and store videotex graphics as well as function as a fully intelligent personal microcomputer or ASCII computer terminal.
- **The MK IV Videotex Decoder** — options include built-in modem, wireless keypad and ASCII keyboard.
- **Electronic Projection System (EPS-1)** — a decoder with added memory; can retrieve information (in videotex page form) either from its own local storage or from a remote database.
- **Micro Data Controller (MDC)** — for use with the MK IV videotex decoder; incorporates an internal, 1200/150 modem, 128K RAM memory, and microprocessor control for local storage and off-loading of videotex or teletext information; stored information may also be edited and organized as a local database or automated display.

- **Video Graphics Generator (VGG)** — a MK IV Videotex Decoder designed for rack mounting; provides RGB/S and preview video output for open-channel broadcast of videotex images.
- **Caption Creation System (CCS-1)** — for the creation of closed captions.
- **Caption Encoding System (CES-1)** — encodes the caption material created by the CCS-1 and inserts it into the VBI of the video program for broadcast.

### Services

Computer graphic services provided by NORPAK include: Systems design and implementation, Consultation, Training and seminars, Leasing, Warranty package, and OEM and distributor agreements.

In 1981 NORPAK gained full ownership of Hemton Corporation, a leader in the field of videotex presentation systems. Services offered by NORPAK's Hemton Group include:

- Custom videotex page creation
- An electronic library of graphic images to assist your own page preparation
- Expert page layout and design services
- 35 mm slide presentation

## FUTURE DIRECTIONS/ TARGET MARKETS

NORPAK intends to continue its marketing efforts in the U.S., Europe, Australia, the Pacific Rim and the Middle East, as well as in Canada.

Future developments will focus on the development and marketing of low-cost VLSI-based videotex and teletext products and OEM boards and chip sets.

Other future activities will include the development of sound for videotex, and investigation of the concept of "common visual space", or true teleconferencing, using the communications capabilities of NAPLPS.

## FOR MORE INFORMATION

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