

## WHAT IS VIDEOTEX?

The heart of NAPLPS videotex is a dramatic new system of creating, storing and transmitting text and colour graphics – information – on a television screen or computer terminal. Information created and stored in data banks can be retrieved by a user at the push of a button through a decoder. NAPLPS information can be transmitted by any medium — telephone, cable, satellite, fibre optics or, in its broadcast form, over part or all of a TV channel. Broadcast videotex service is known as teletext.

Because of its high-resolution graphics capability, and the fact that it is now the accepted protocol in North America, NAPLPS is quickly emerging as the universal medium for computer graphics encoding and transmission.

## THE BASIC SYSTEM

A videotex information provider system provides the means to generate, edit and update pages (a page is one screenful of information), including full high-resolution graphics, for a NAPLPS-based information service. This can take the form of sophisticated dedicated equipment or, with appropriate software and hardware enhancements, it can be carried out by some personal computers. Pages of information once created can be stored in a computerized data bank.

To receive Telidon – NAPLPS based information, a user requires a decoder and a slightly modified colour TV set. With appropriate software and hardware, some personal computers can act as Telidon decoders, with the pages of information being displayed on the computer screen.