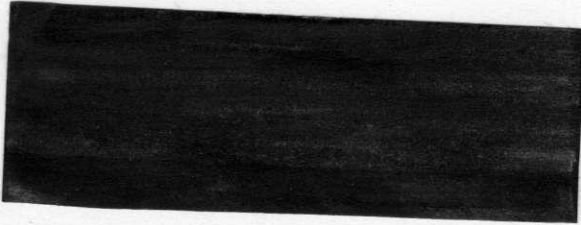


0932 785566

0252 544321 Data Science,
Mark Leadbetter.

5 January 1988



Dear Mr O'Donnell

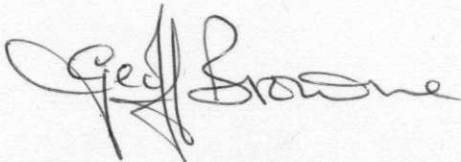
Thank you for your Prestel enquiry about the Themis range of viewdata products and services.

You will see from the enclosed brochures that we provide a range of options - from IBM PC adoptions to stand-alone mini and mainframe viewdata systems.

Because of the limited space available on a viewdata response frame, it is difficult to assess your exact requirements, naturally we would welcome the opportunity to discuss your situation in detail.

I will be contacting you shortly to discuss your requirements, however, should you require any further information please do not hesitate to contact me.

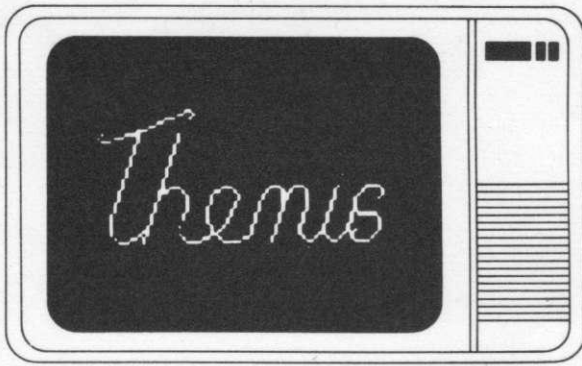
Yours sincerely



GEOFF BROWNE
Themis Sales

enc

NB01/ajw/GB04/GB04a



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Westmount Centre
Uxbridge Road
Hayes
Middlesex UB4 0HB

microThemis PRIVATE VIDEOTEX

The microThemis package offers the potential videotex user an easy and economic entry in to the world of videotex.

The package includes a Honeywell microSystem 6/22 processing unit with 40MB of disk storage, a system console, a matrix printer, a 4 port viewdata concentrator, operating software and a Themis licence.

The microSystem 6/22 is the entry point of the DPS 6 range of multi-functional minicomputer systems, allowing expansion to more powerful systems as your business grows.

The microThemis software retains the full functionality of the THEMIS products for the Honeywell mainframe, supermini and minicomputer systems, that is:-

- Full videotex database
- Keyword access
- Response frames
- Interactive editing
- Mailbox
- Diary
- Interactive links

The microThemis package provides a convenient frame creation and communications host for interactive teletext applications.

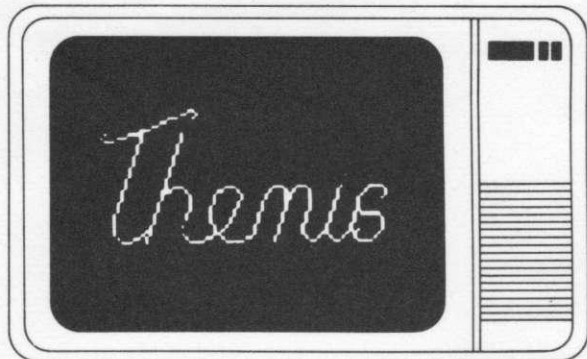
The total package is competitively priced at £25,000.

The microSystem 6/22 supports data entry and office automation facilities together with a range of batch interactive communications links to Honeywell and IBM computers. Additional resources may be required to support these options.



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CATALOGUE ORDER PROCESSING

Videotex is frequently proposed as a suitable medium for consumer ordering of products.

Large organisations who have a preferred supplier or central supply policy, may wish to offer an order processing service through the medium of Private Videotex.

Using a cheap, simple to operate, Videotex terminal, a dispersed location is able to order supplies directly from the supplier or central source for local delivery.

Fully descriptive catalogues can be efficiently maintained by the supplier. Minimum order quantity or value rules can be applied automatically. Special offer or bonus items can be actively promoted.

The elimination of the flow of paperwork and the reduction in the order cycle, are but two of the benefits which arise.

The Themis catalogue order processing package provides,

To the customer:

- A fully indexed product catalogue
- An optional catalogue browsing facility
- Full textual description of products
- Order quantities and prices of products
- Easy product selection
- Positive order confirmation

To the supplier:

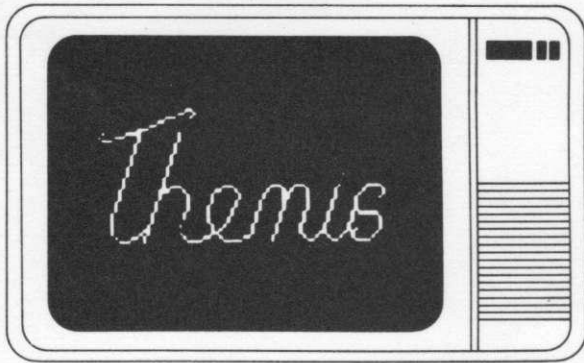
- A simple catalogue maintenance procedure
- An efficient order collection procedure
- Variable pricing capabilities
- Minimum order qualifications
- Manual or machine interface for processing of orders

This is a Videotex application package to add further functionality to the Themis Private Videotex package for Honeywell computers.



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VIEWTIME

'Viewtime' is the Videotex way to flexible working time.

Based on the traditional concepts of Flexible Working Hours (FWH), 'Viewtime' allows staff to organise their work pattern within standards agreed with their immediate management. 'Viewtime' records staffs comings and goings and monitors attendance against the standards.

Entry of start of day, lunchtime and end of day is by the keypad of a conventional videotex terminal. Daily records are maintained and displayed so that the employee can compare his working hours with the pattern desired.

Management review is provided by videotex display of the records maintained. Facilities are provided for management to monitor the hours worked against the standards and, by exception, to be advised of any divergences from the standards, and to adjust the recorded hours worked to reflect holidays, sickness and out of office activities.

Viewtime provides for the man manager:

- simply defined FWH standards
- management review facilities
- exception reporting of unacceptable divergence from standards
- adjustment procedures for recording periods of employee absence

for the employee:

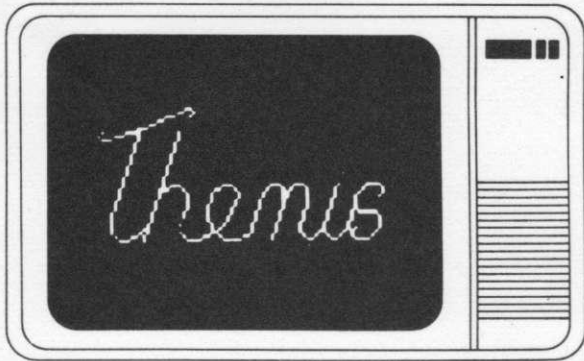
- simple, keypad entry, time recording
- automatic day by day log of hours worked
- visual display of hours worked and divergence from standards
- the advantages that accrue from flexibility of working hours.

This is a Videotex application package to add further functionality to the Themis Private Videotex package for Honeywell computers.



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'GATEWAY'

'Gateway' permits the user of an alternative videotex system to access the information available to a Themis private videotex system. The alternative videotex system host computer must provide a Gateway interface to British Telecoms Prestel Gateway or equivalent specification, currently level 2.2.

Specifically, Gateway permits access to information on the Themis host through public videotex services, based on the BT Prestel standards.

The connection between the alternative system and the Themis host is generally either by a private wire X25 link or alternatively through a PSS network.

As Honeywell computers do not support the level of protocol required, an X25 protocol converter is used to interface the X25 connection to a synchronous connection on the Themis host. This protocol converter can support up to eight concurrent connections, (switched virtual circuits).

The Themis package is extended to include the additional software necessary to support the communications link and provide a level of functionality for the Gateway User.

This functionality presently includes:

- Information Retrieval
- Keyword Access
- Interactive Response
- Window Facility

Mailbox and Diary are not currently supported for the Gateway user.

System requirements are as follows:

- *Themis host computer configuration
- *Themis private viewdata package
- *Viewdata protocol convertor(s)
- Themis Gateway extension
- X25 protocol converter

Items marked * are essential pre-requisites for Gateway.

The licence fee for the Gateway extension is the additional licence fee payable for the additional number of concurrent users supported.

The X25 protocol converter is available from THORN EMI at a cost of £4,000

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STOCK LOCATOR

Using the proven medium of viewdata, Automotive Dealers can register their new and second hand stock on a computer database for access by other dealers, simplifying subsequent exchange or mart.

Stock Locator provides to the potential seller:

- Simple set up of dealer information with name of contact and phone number
- Easy input and maintenance of stock details with validation checks on many features
- Suspension and reinstatement of stock for interim viewing
- Control of access to total stocklist.

Provides to the potential buyer:

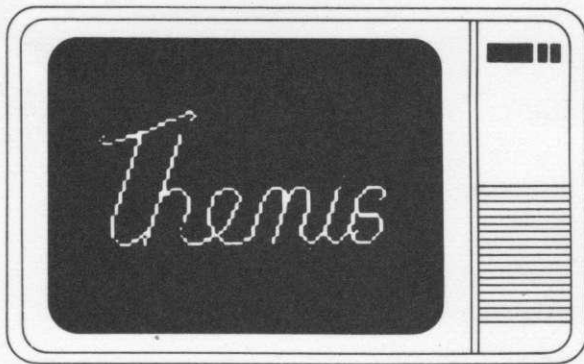
- Instant location of stock items with features that match the buyers specification
- Browsing facility for all stock of specified manufacturer
- Controlled browsing facility for another dealers total stock list.

This is a Videotex application package to add further functionality to the Themis Private Videotex package for Honeywell computers.



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SALES PROSPECT SYSTEM

This videotex based system provides the salesman with the means to identify prospective customers and to progress sales activity.

It offers the salesman (in the comfort of his own home if required) visual access to a proprietary database of prospects with facilities to personalise the information to develop up to date records of business transacted.

It provides access to prospects by:

- Market Classification
- Location
- Name

to identify market sectors and facilitate journey planning.

It provides basic prospective customer information.

- Name
- Address/Telephone No.
- Profile
- Principal contact

to support individual approach or to effect mail shots.

It allows the salesman to personalise this information to his own requirements with additional details.

- Sales contacts
- Prospective applications
- Quotations placed
- Contracts entered into

to allow him to progress his sales activity and monitor his success.

In addition the system reports on:

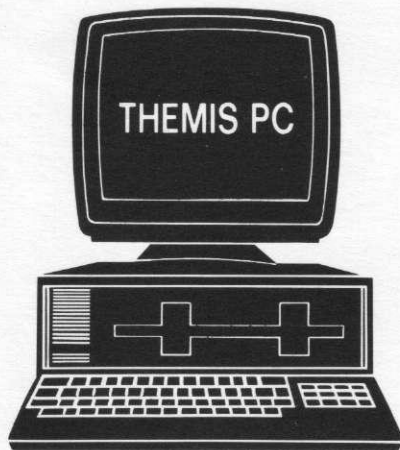
- Sales activity and performance
- Contract expiration
- Tendering Review
- Mail out response
- Non achievement

This is a Videotex application package to add further functionality to the Themis Private Videotex package for Honeywell computers.



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VIDEOTEX FOR THE PC USER

- **TERMINAL**
- **EDITOR**
- **HOST**

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TERMINAL — Emulation Software

Overview —

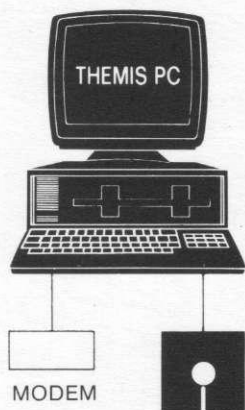
THEMIS PC consists of three software packages, TERMINAL, EDITOR and HOST specifically developed to bring Prestel standard Videotex facilities to the PC User.

The TERMINAL module is the Emulation software enabling a Personal Computer - an IBM PC or equivalent - to act as a Videotex terminal by providing facilities to decode, display and access Videotex services.

Features —

- **Compatible with any Prestel Videotex System**
- **Complete Prestel Emulation** - including graphics, double height and flashing
- **User-Defined Function Keys** - one key retrieval of often used pages from host
- **Page Storage** - store and retrieve pages from disc
- **Short Term Storage** - one function key save and retrieval of 10 pages in memory
- **Auto Dialling** - with virtually any auto dialling modem
- **Automatic Log-In Commands** - provides user ID/Password to the host system
- **Help Screen** - menu of TERMINALS' user commands
- **Local Printing** - pages can be output to a local printer e.g. Epson MX
- **Carouseling of View Files** - online or off line with user defined dwell time.
- **Command Processor** - for unattended operation
- **Telesoftware Download**

Configuration —



THEMIS PC products operate on the IBM PC and the 100% compatibles —

- PC with 128kb RAM
- DOS 2.X or 3.X
- One Disc Drive
- Asynchronous Communications Adapter
- Modem - 75/1200 baud
- Colour Monitor with a graphics generator option -
 - Plantronics PC+ (8 colours)
 - STB Graphix II+ (8 colours)
 - IBM Colour Graphics Adapter (4 colours only)
 - further colour graphics options available on request

TERMINAL/NG (no graphics)

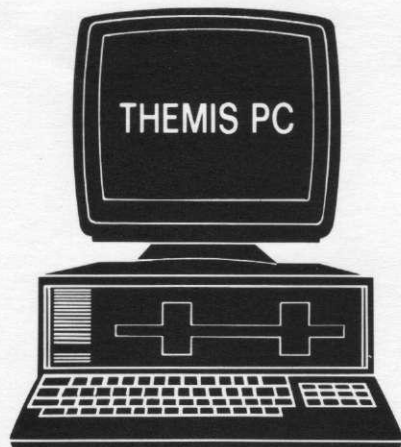
Also available is the THEMIS PC software module, TERMINAL (NG), enabling any monochrome or colour IBM PC or compatible to act as a videotex terminal. TERMINAL (NG) characteristics are very similar to TERMINAL except that graphics and double height attributes are eliminated prior to display.

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VIDEOTEX FOR THE PC USER

- **TERMINAL**
- **EDITOR**
- **HOST**

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EDITOR — Page Creation Software

Overview —

THEMIS PC consists of three software packages, **TERMINAL**, **EDITOR** and **HOST** specifically developed to bring Prestel standard Videotex facilities to the PC User.

The **EDITOR** module is the Page Creation Software enabling a Personal Computer - an IBM PC or equivalent - to create and modify videotex pages locally or online.

EDITOR in combination with **HOST** provides a complete Prestel Videotex host system for the PC user.

Features —

- **Advanced Prestel Page Creation Software** for the PC User
- **Complete Prestel Functionality** and compatibility with all systems
- **Single Stroke Function Key Editing** - provides fast, efficient page creation
- **Off Line/Online Editing** - saves telephone line costs
- **Page Upload & Download Capability** - for transmission to/from distant host systems
- **Standard Templates** - saves page creation time
- **Auto Dialling** - with virtually any auto dialling modem
- **File Conversion** - load text file from disc to Prestel Database
- **Bulk Update** - Multiple page load to Prestel Database
- **Frame Management** - maintenance of local Videotex database
- **User-Definable Start/Stop Edit Commands**
- **Automatic Log-In Commands**
- **Repeat Character to end of line**
- **Global Character Replacement**
- **Insert/Delete Line**
- **Online Help facility**
- **Telesoftware Loader**
- **Page Printing**
- **Erase to End of Line**
- **Block Move Commands**
- **Insert/Delete Screen Column**
- **Display Page in ASCII Format**
- **Word wrap**

Configuration —



THEMIS PC products operate on the IBM PC and the 100% compatibles —

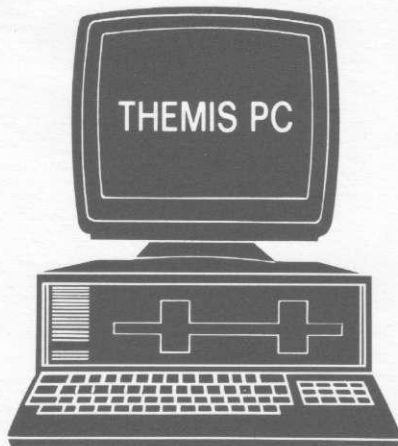
- PC with 128kb RAM
- DOS 2.X or 3.X
- One Disc Drive
- Asynchronous Communications Adapter
- Modem options are 75/1200 and 1200/1200 baud
- Colour Monitor with a graphics generator option -
 - Plantronics PC+ (8 colours)
 - STB Graphix II+ (8 colours)
 - IBM Colour Graphics Adapter (4 colours only)
 - further colour graphics options available on request

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VIDEOTEX FOR THE PC USER

- **TERMINAL**
- **EDITOR**
- **HOST**

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HOST — Videotex Host Software

Overview —

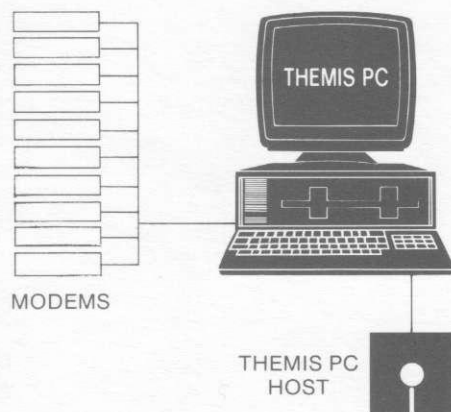
THEMIS PC consists of three software packages, TERMINAL, EDITOR and HOST specifically developed to bring Prestel standard Videotex facilities to the PC User.

The HOST module is the Videotex Host Software enabling a Personal Computer - an IBM PC or equivalent - to act as a Prestel Videotex host system for 1 to 11 users. Using pages created by EDITOR, HOST brings to your personal computer the database management and colour graphics display capabilities of Prestel Videotex.

Features —

- **Videotex Host** - Prestel standard, eight colour graphics and text
- **Data Collection/Response Pages** - collect and store user information
- **Three Concurrent Users** - with growth potential up to eleven
- **Password Security** - access levels controlled by User IDs, Passwords, Closed User Group facility
- **Closed User Groups** - supports up to 5 Closed User Groups with access restricted by User IDs
- **Prestel Commands** - all standard commands are provided, *0#, *# etc
- **Page Storage** - from 320 pages on floppy disc to 8000 pages on a 10mb hard disc
- **Usage Monitoring** - tracks usage on a page basis
- **Electronic Mail** - send and receive unlimited multi-page messages
- **Chat** - talk to other users on the system.
- **ASCII Support** - Prestel and ASCII supported concurrently.
- **Page Carousel Option**

Configuration —



THEMIS PC products operate on the IBM PC and the 100% compatibles. The minimum hardware configuration for HOST is -

- PC with 256 kb RAM
- STB RI0 II 256kb memory and 2 Ports extension
- Two Disc Drives
- Asynchronous Communications Adapter
- Modem options include 75/1200 and 1200/1200 baud
- Colour Monitor with a graphics generator option -
 - Plantronics PC+ (8 colours)
 - STB Graphix II+ (8 colours)
 - IBM Colour Graphics Adapter (4 colours only)
 - further colour graphics options available on request

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