DEC WORD SYSTEM 102

The DEC Word System 102 is a dual terminal word processor with enhanced software and the latest operator-oriented features.

Like other word processing systems available from Digital Equipment Corporation, the WS 102 is a simplified, yet powerful, word processor. It cost-effectively provides: easy visual-display text editing; a field-proven Central Processor; floppy disks for large program and data storage capacity; and fast, clean, finished printing.

Ease of Use
The WS 102 provides an expanded configuration for use by two operators instead of one, and is just as easy to use as any other system in DIGITAL's fully compatible Word Processing family.

Ease of Learning
With less than an hour's training, a novice can be using the system for productive work. With subsequent lessons, pre-stored formats, libraries, and the basics of list processing can be learned. Additional instruction is only required for those who must become familiar with advanced system features.

Responsive Operation
Because all system commands are performed immediately, and the screen of the VT52-W operator's terminal is always updated to show the effect of each command typed, both operators can take full advantage of the WS 102's capabilities without interference or delay.

Flexibility and Protection
Simplified user commands, printer queue for multiple documents, full protection from unauthorized access to information, and unattended document receive—make this the most flexible word processing system ever available.

SPECIFICATIONS

Central Processor
PDP-8/A with 32K words of memory.

System Software
The WPS-8 turnkey word processing software is conveniently stored on the "system" floppy disk. Additional space on the system floppy disk is reserved for a boiler plate library and a shorthand dictionary.

More than one hundred full pages of typing in as many as 200 separate files may be stored on the "document" disk.

In the WS 102, both operators have their own sets of "systems" and "document" floppy disks, eliminating any problems with interference or delay. It is like having two complete and independent systems.

Software Highlights
- Full system capabilities available at both terminals
- Simultaneous text development and editing by two operators
- Complex sequences of commands can be "learned" by the system and recalled with just two keystrokes.
- Dual display commands allow both screens to show identical displays while one keyboard remains active.
- Unattended document receive allows operators to send information to other unmanned 102s. Password protection denies access to unauthorized users
- "Cue Card" prompting of commands via visual display.
- Format information stored with each document
- Simultaneous printing and editing
- Justified margins
- Form letter merge
- Full editing features
- Shorthand Dictionary
- Printer queue of up to eight documents for each terminal
- Variety of printer output for labels, preprinted forms, letterhead, etc.

The Printer
The LQP-8E Letter Quality Printer
- Medium Speed Impact Printer
- 45 CPS/540 WPM
- "OX PLOW" Printing minimizes printer carriage motion and increases throughput
- Variable Pitch and Spacing
- Automatic End of Ribbon Sensor
- Pause Button

The Terminal
VT52-W DECSCOPE Word Processing Terminal
- 24 Lines
- 80 Characters Per Line
- Upper and Lower Case Display
- 19 Key Auxiliary Keypad
- Numeric and Editing Keypad Modes

COMMUNICATIONS OPTION

For added capability, the operating system of the WS 102 allows optional teletype-like (asynchronous ASCII) communications of word processor information to and from any conversational timesharing system or other DIGITAL word processing system.

On-line communication to the host computer may be received directly from the keyboard or from edited data stored on the floppy.

The host system can send information to the WS 102's video screen, printer or floppy disks.

Communications Option Highlights
- Asynchronous Serial Transmission RS232-C Compatible
- Speeds to 9600 Baud Using XON/XOFF Protocol
- Error Correcting Protocol
- Fully Buffered Operation
- Flexible Control of Keyboard, Printer and Floppy
  —Input from keyboard, document or remote host, or combinations thereof
  —Output to screen, printer, document or remote host, or combinations thereof
- Format Control Information Sent with Documents

WORD PROCESSING WITH A PLUS THE DEC DATA SYSTEM 310W

The features described here for the WS 102 are also available on the DEC DATASYSTEM 310W, which adds the benefit of an efficient general purpose business data processor.