Publishing system produces illustrated documents

Interleaf, Inc., has introduced a computer-aided publishing system that produces illustrated documents on a laser printer and is compatible with the IBM Personal Computer, IBM-compatible microcomputers, and Wang Laboratories' word processors.

The OPS-2000 CAP system integrates advanced multiple-font word processing, business graphics, diagramming, and high-speed laser printing capabilities, enabling a user at a stand-alone workstation to create, edit, compose, and produce copies of illustrated documents up to 1200 pages in length and containing both text and graphics. User interfaces featured on the OPS-2000 include a mouse, windows, a full-page 'what-you-see-is-what-you-get' screen display, pop-up menus, and property sheets. According to the company, these Help facilities allow non-technical professionals and office support personnel to become productive without extensive training.

The interactive, real-time system provides an automatic pagination capability, a document editor operated by simple commands, a 10-page-per-minute laser printer with graphics controller, and a 68010 microprocessor-based workstation with CRT. The workstation includes 1M byte of main memory, a 31M-byte Winchester disk drive, a 20M-byte streaming cartridge tape drive, and a bit-mapped screen with an 800 x 1000-pixel resolution.

The Interleaf OPS-2000 computer-aided publishing system uses a laser printer to produce copies of illustrated documents. The turnkey system is based on a 32-bit computer and is designed to meet the needs of business graphics, word processing, and nonimpact printing markets.

The CAP system is priced at $60,000 and is available 30 to 60 days ARO.

Color graphics card combines DEC alpha, Tek color commands

CIE Terminals' CIG-267, a color graphics plug-in card for DEC-compatible CIT-161 color terminals, combines DEC alphanumeric software commands and the Tektronix 4027A color graphics command structure for simultaneous use by CAD and engineering and scientific designers.

The CIT-161 color terminal, hosting the CIG-267 card, provides designers with a 572 x 480-dot resolution and a 75-Hz refresh rate for flicker-free displays. ANSI X3.64 compatible, the terminal has 64 programmable color combinations of its eight primary colors.

With the CIG-267 graphics card list priced at $1195, and the DEC-compatible CIT-161 terminal at $2595, the total list price of the DEC/Tek terminal is $3790.

Reader Service Number 44

Graphics terminal emulates Tektronix 4010/4014

The Japan Computer Corporation has announced the release of the NJC-M1000 graphics display terminal as a high-performance terminal suitable for business graphics, graphics information retrieval, and some CAD, CAM, and CAE applications. The terminal has a nonglare green or optional amber CRT; a separate step-sculptured, low-profile keyboard; and an optional tilt-and-swivel pedestal. Standard features include 640 x 486-dot resolution, 1 µs/dot high-speed drawing, three communications ports, and a Tektronix 4010/4014 emulator. An optional DEC VT-100 emulator is available.

The NJC-M1000 sells for $1995.

Reader Service Number 45

Push-tip light pen offered for OEM applications

The 250 SP light pen from Interactive Computer Products features an electronic assembly with an MTBF in excess of 183,000 hours. It is designed for color applications including interactive graphics and alphanumeric, medical electronics, and industrial process control. The pen is actuated by pressing the push-tip against a CRT over the light to be detected and requires a force of less than four ounces.

The mechanism responds to illuminance levels lower than two footlamberts and operates wherever the CRT phosphor persistence is short to medium-short. A light-pulse output is produced in less than 0.5 µs in response to a 2-FL input. Completely self-contained, the 250 SP operates from a single five-volt source and provides TTL-compatible light-pulse and actuation outputs.

Each 250 SP light pen sells for $250.

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