ACCENT Systems Corporation

DCMS 2000
EDITING WORKSTATION

The DCMS 2000 Editing Workstation combines proprietary hardware—the PERQ PQ 4000 graphics workstation—and advanced batch document composition software.

The PQ 4000 is a high performance graphics workstation which has been widely accepted by the publishing industry. The high quality display, proprietary bit-slice engine, and large disk and memory capability give the system the performance needed for high quality document composition.

DCMS 2000's batch document composition software provides the user with a document manager, batch pagination, drafting package and pixel editing system. This software is capable of creating paginated documents which meet strict typographic requirements.

High Performance Graphics Workstation
- 1280 x 1024 , 60 Hz non-interlaced, 19" display.
- 1 , 2 or 4 MB of RAM.
- Proprietary bit-slice architecture.
- 40 MB to 288 MB integral Winchester disk storage.
- 1.0 MB floppy drive.
- 32 megabit/sec. Raster Op rate.

Large External Disk
- SMD
- 300 MByte to 1.2 GByte
- Up to 4 drives.

9 Track Magnetic Tape
- IEEE 796 Multibus™ interface.
- UNIX™ TAR format compatible.
- 1600 or 3200 BPI.
- 75 IPS start/stop, 150 IPS streaming.
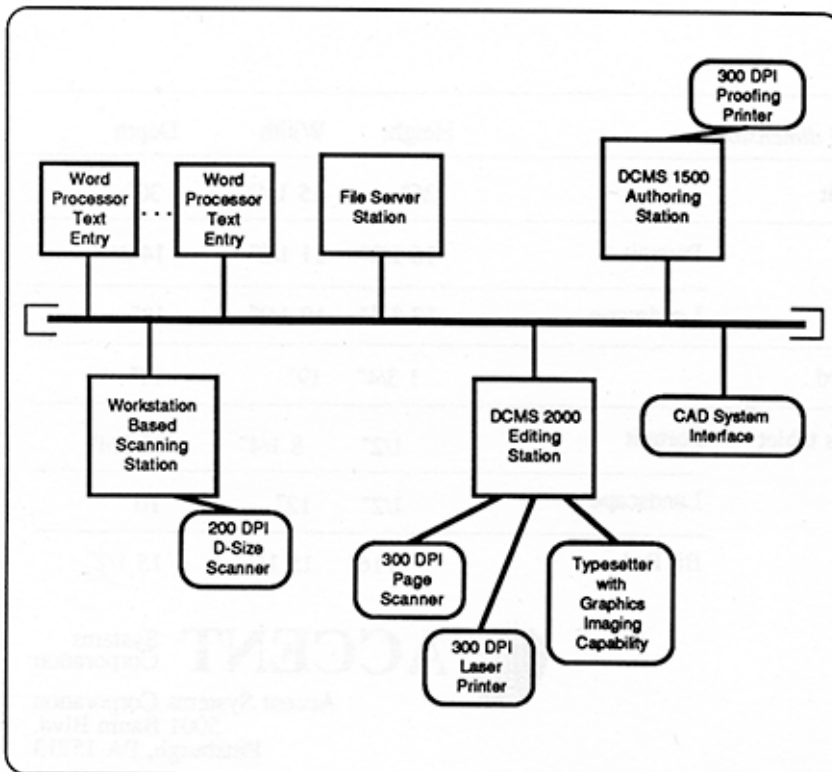
Optional Laser Printer
- 300 dots per inch.
- 8 pages per minute.
- Approx. 10,000 page/ month duty cycle.
- Plug-in DMA controller.

Optional Image Scanner
- 300 dots per inch.
- Scans 8.5" x 11" documents at full resolution.

Network Interface
- IEEE 802.3 Ethernet™ interface.
- TCP/IP software for communication to other page and document composition workstations.
- Compatibility with PC's, DEC VAX, Sun Microsystems and other UNIX™ workstations.

Workstation-Based Document Composition Software

Input
- Accepts input from popular word processing software.
- Accepts input from DCMS 1000 Authoring Station.
- Accepts input in popular CAD formats, including HPGL™ and Calcomp™.

Pagination Capabilities
- Automatic headers/footers.
- Automatic page, section and chapter numbering.
- Automatic footnotes.
- Automatic table of contents generation.
- Automatic multiple index generation.
- Sophisticated table generation.
- Complete widow and orphan control.
- "Floating" pictures for controlled placement.
- Access to bibliographic and other database material.
- Proofing.

Document Format
- Single or multiple columns.
- Change bars.
- Automatic text flow across pages.
- Separate formatting for left and right pages.
- Output proofing in all popular page description formats, including Postscript™.
- Linotronic™ 100 and 300 typesetter support.

Format Control
- Leading.
- Kerning.
- Variable word spacing.
- Vertical tabs.
- Style sheets to provide document format control.

Editing
- Text and graphics.
- Graphics scaling, enlarging, reduction, cropping.

Raster Editing
- Fully integrated function.
- Edit individual pixels.
- Zoom for close editing.
- 16 brushes.
- Over 50 fill patterns.
- Mirror & rotate.
- Text in various fonts.
- Snap-to grid.
- Lines, circles, box primitives.
- Menu interface.

Computer Aided Illustration
- Fully integrated package.
- Lines, circles, spline functions.
- Symbol libraries.
- Text in various fonts.
- Auto-dimensioning.
- 256 layers.
- Multiple open drawings.
- Menu interface.

Physical dimensions		Height	Width	Depth
Base unit		26"	15 1/4"	30"
Display	Portrait	16 1/2"	11 1/2"	14 3/4"
	Landscape	17 3/4"	19 1/2"	18"
Keyboard		1 3/4"	19"	18"
Graphics tablet	Portrait	1/2"	8 1/4"	10 3/4"
	Landscape	1/2"	12"	10
	Bit Pad	9/16"	15 1/2"	15 1/2"

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