

HEWLETT-PACKARD

Business System 3000

Data Sheet

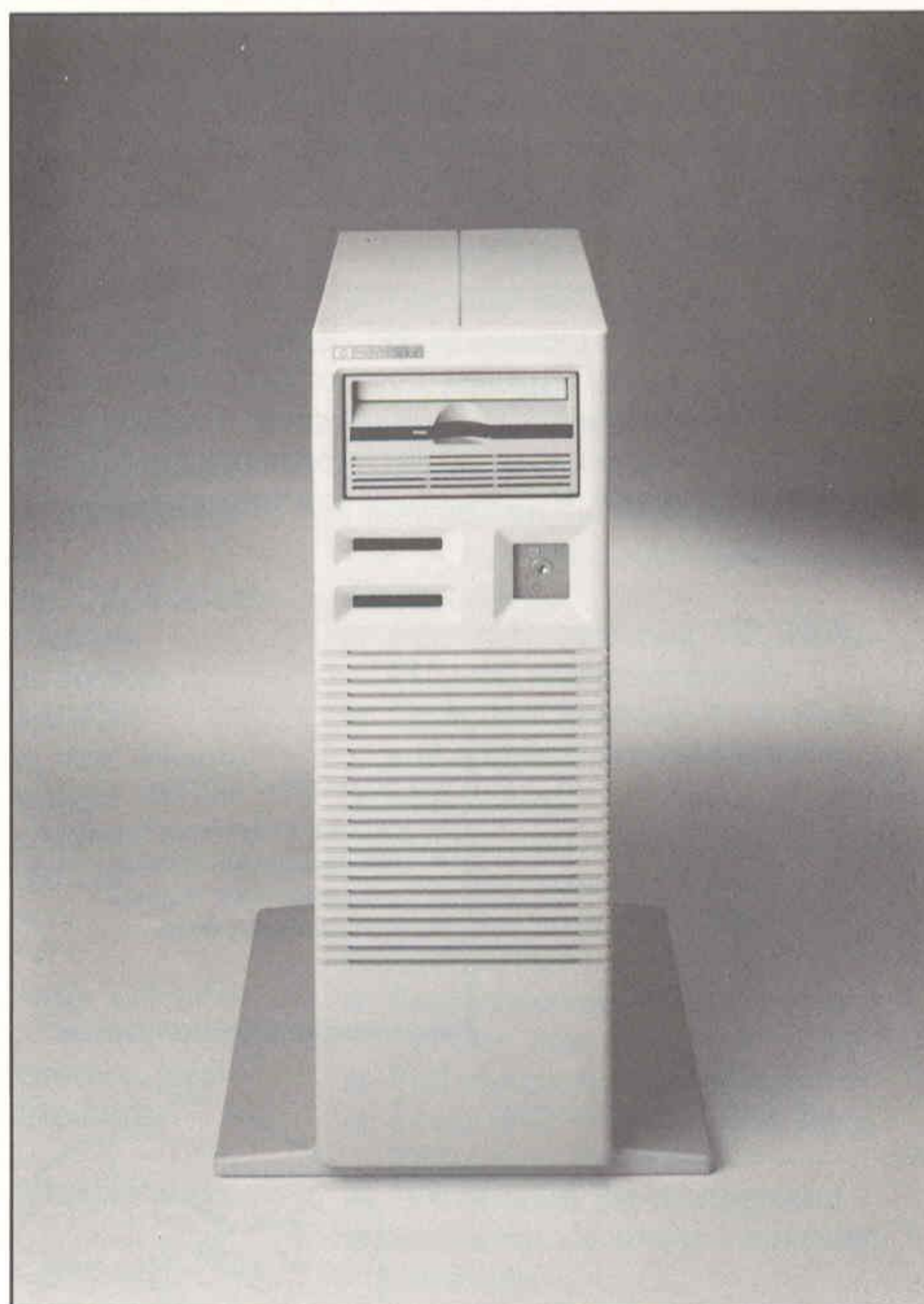
Business System 3000 is a complete entry level integrated business system which is the ideal choice for branch office or departmental applications where local area networking and PC integration is desired. It combines the power of concurrent transaction processing, networking, office automation and personal computing in a single, centrally managed solution. Consisting of an HP MICRO 3000GX minicomputer and Business System Plus software, this system is ideal for a wide range of departmental applications including electronic communications, IBM gateways, transaction systems, and integrated PC services. With Business System 3000 data processing applications can be integrated with PC tools resulting in more timely access to data, more effective use of resources and improved decision making.

Advanced Information Management

With Business System 3000, tasks are performed in the most efficient environment - MPE for transaction-based processing and MS-DOS for individual analysis. On the HP 3000, data can be automatically extracted from applications, categorized and filed for later use, or inserted into another application. Data processing reports can be generated and sent to predefined distribution lists.

On the PC, professionals can analyze data with Lotus® 1-2-3®, describe the results with Executive MemoMaker, and include within the same document graphs created with the Gallery Collection. This data may reside on the minicomputer or the PC, thereby allowing increased flexibility and access to information. In addition, users access applications through a common interface, reducing confusion and simplifying training.

Business System 3000 has major advantages for end users and MIS managers. End users can access multiple IMAGE databases and execute complex queries as easily as using a spreadsheet. MIS managers can improve and control information distribution by selectively assigning access to specific databases, datasets, and even data items to each PC user. By providing direct information access to end users, many customized data processing reports can be eliminated. The quality and timeliness of decision making is increased because end users can perform ad-hoc analysis of up-to-the-minute information.



Shared Resources

With Business System 3000, PC users have access to HP 3000 peripherals. By sharing printers and plotters, more users can produce professional, high quality output and reduce costs. Users can have private and shared PC files on the MICRO 3000GX, eliminating the need for floppy diskettes to share and store data. Additionally, PC hard discs can be backed up to the HP 3000, extending MIS standards to PC backup and significantly reducing the risk of lost data.

Information Distribution

Business System 3000's electronic mail service permits the easy exchange of many forms of information including MS-DOS and MPE files and complex compound documents. Automatic document conversion ensures that information arrives in the correct format to be processed. Documents are sent from the PC by simply typing names - without knowing the exact location of the recipient on the network. An IN and OUT tray, tracking system, and personal electronic filing cabinet allow users to effectively manage their mail. This powerful distribution system offers users many benefits including timely availability of information and improved communication.

Networking

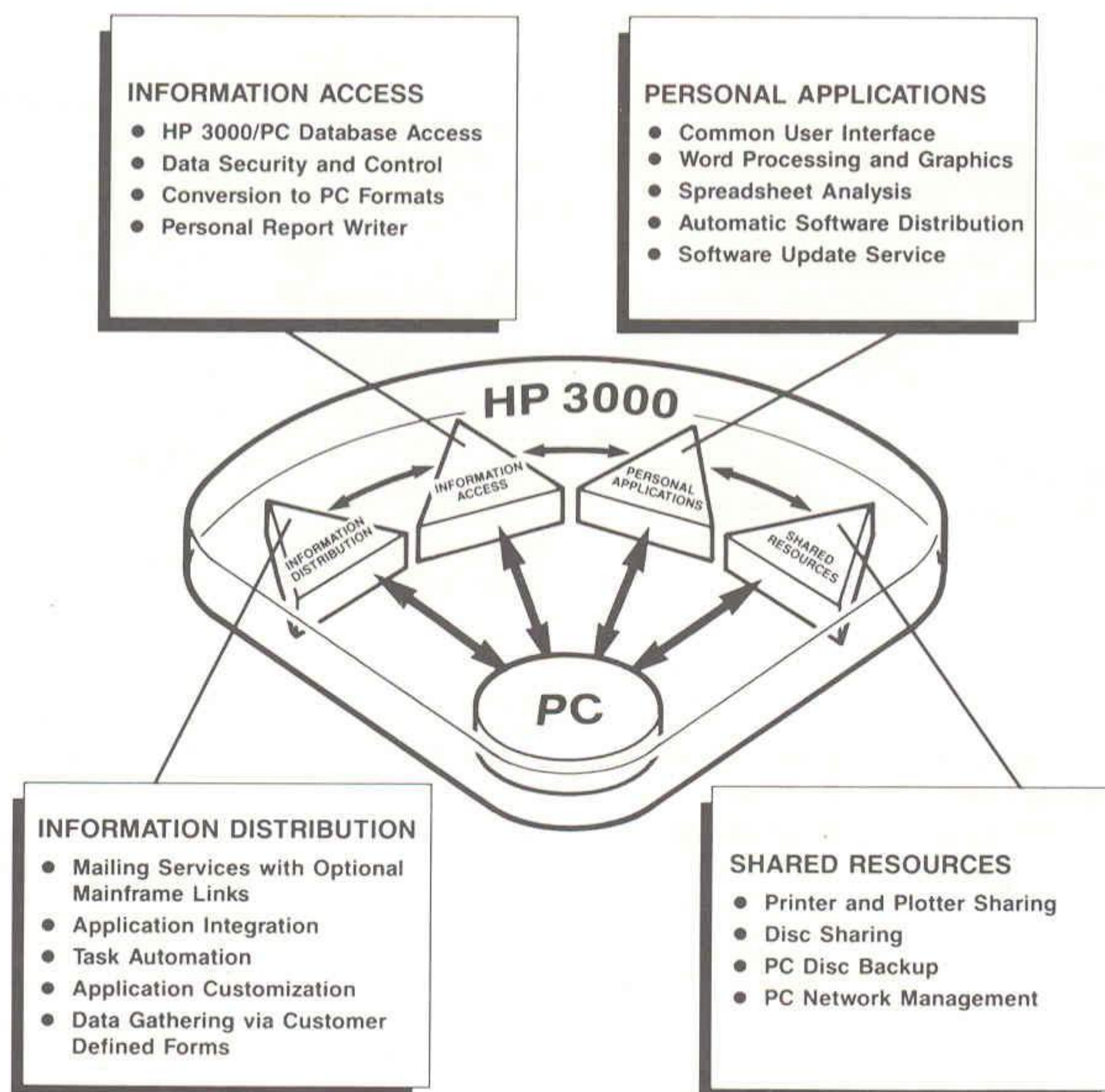
Many other vendors' messaging and database systems can easily be added to the Business System 3000, allowing solutions to be built on existing equipment. End users need not be concerned with where information or correspondents reside as connections are transparent.

Management Capabilities

Business System 3000 management tools simplify the installation of PCs into the network and centralize software management. PCs can be installed in an HP 3000 LAN environment with minimal networking knowledge. PC applications included with the system can be installed from the MICRO 3000GX to all PCs in the workgroup. A software update service allows PC application updates to be distributed from the MICRO 3000GX as well, saving valuable professional time and allowing better, consistent PC support.

A Solid Business Base

The Business System 3000 incorporates PCs and the MICRO 3000GX into a single, centrally managed environment, providing sophisticated mail services, easy data access and the ability to share peripherals. For example, with the Business System 3000, users can extract data from HP 3000 applications, analyze and describe the information on their PC, and distribute the results electronically throughout the organization. The result is significantly improved use of computer resources and more timely and accurate decision making.



Business System Plus Software

Feature Summary

PC Backup

- Backup of PC hard discs to HP 3000 tape drive
- Simultaneous backup by multiple users to same system media
- Simple user interface
- Full or partial backups

Printer and Plotter Sharing

- Transparent access to plotters and printers
- Print and plotter spooling for concurrent use of printers

Disc Sharing

- User-transparent access to shared discs
- File sharing between users
- Public and private directories
- Support for networked applications
- Full MSTM-Net compatibility
- Protection by MPE security and MSTM-Net passwords
- Operational backup of shared disc data

Information Distribution

Mailing Services

- Electronic information sent and received between users and computers
- Distribution list management
- Electronic mail tracking
- Private and urgent information
- Information encryption
- New mail notification
- Deferred information delivery
- Forwarding of undelivered mail to General Delivery
- Autoanswer and autoforward facilities
- Concurrent Principal/Designate access
- Public information sharing through the Notice Board and public distribution lists
- Access to document converters for AdvanceWrite, HP Word, Executive MemoMaker, Word/PC and HP Slate
- Context switching
- Clipboard facility
- Optional Foreign Service Connection — IBM DISOSS and PROFS connections

Administration

- Semi concurrent mail maintenance
- Automatic remote directory synchronization
- Transparent routing between network nodes
- Foreign Service Connection for communicating with external systems
- Comprehensive network statistics

Customization

- Customizable system and user function keys
- Task automation using script files
- Forms processing
- Customizable welcome screen, message headers and menu help system
- Application Manager to access HP 3000 applications
- Application data passing for integrating HP 3000 applications
- Configurable display of graphics and/or spreadsheets

Personal Management Capabilities

- Nested and shared folders
- Password control on folders
- Automatic filing capability
- Search by attribute: date, creator name, item type, subject
- Electronic wastebasket
- Appointment and To Do summary at sign on
- To Do lists
- Monthly, weekly, daily Calendar displays
- Searching on appointment label
- Daily, weekly, and monthly calendar print
- Free time display of other users on the same node
- Appointment clash checking
- Appointment override capability
- Tickler facility

System Administration

- PC network management
- PC software distribution
- Network setup report

Access To Information

- Single menu format for both PC and HP 3000 databases
- Administrator utility
- Security control at database, dataset, or item level

- Automatic data conversion to Lotus[®] 1-2-3[®], R:Base 5000, dBASE II, IMAGE/3000, Personal Card File, Executive Card Manager, CONDOR
- Automatic download of database information
- Time estimates for data inquiry
- Report writer
- Consolidation of different databases
- Customizable to incorporate applications
- Batch capabilities
- Available formats: DIF, ASCII, Quoted Basic on PC, ASCII, SD, DIF, Information Access Table on HP 3000
- Optional links to IBM mainframe databases

Personal Software

AdvanceLink

Communications software package that provides terminal emulation and file transfer

- File exchanges with HP 3000s, PCs and other computers
- Command language to automate and simplify communications

AdvanceMail

Electronic mail system that runs on the Vectra Desktop PCs in conjunction with HP 3000-based mailing services

- Easy exchange of messages and PC files with mailing services
- Full electronic mail feature set
- Local (PC) In Tray, Out Tray, Filing and List Areas
- Distribution list management
- Automatic document conversion capability
- Built-in text editor with word-wrap capability
- Context sensitive Help system

Executive Card Manager

File management program designed with a rolodex-like card file interface.

- Simple function-key driven interface
- Up to 64,000 cards per card file; 256 lines per card; 2600 fields per card
- User definable reports

Executive MemoMaker

Word processor designed for business professionals and managers.

- Function-key driven interface
- On-line help

- Graphics Gallery graphics can be merged with text, previewed on-screen, and printed on HP LaserJet and other popular printers
- 85,000 word dictionary with fully integrated spelling checker and corrector

Gallery Collection

The Gallery Collection provides users with the ability to produce professional-quality graphics

- Charting Gallery creates line charts, pie charts, bar charts and scattergrams
- Drawing Gallery creates organization charts, flow charts, text charts and illustrations
- Direct integration with Lotus® 1-2-3® — no DIF file transfers
- Professionally near type-set quality output
- Over 1,800 picture clip-art (Portfolios) available
- Pull down menus and mouse
- Direct integration with leading page-layout packages, i.e., Aldus and Ventura Publisher
- Wide variety of output devices supported.

Lotus® 1-2-3®

Integrated software package that includes spreadsheet, graphics and data base capabilities.

- 8192 rows x 256 columns
- Linear and multiple regression analysis
- Flexible keyboard macros and advanced macro commands
- Addresses up to 4 megabytes of expanded memory
- 7 graph options

Personal Application Environment

- Consistent user interface for accessing applications
- File and application manager

Product Information

System Specifications

- MICRO 3000GX system processor
- 4 Mbyte main memory
- 1 - 304 Mbyte Winchester disc
- Cartridge tape backup (9144S)
- 1 HP 700/92 terminal and cable
- 8 direct ports (including 4 modem)

- Fundamental Operating Software
- HP Easytime User Interface
- TurboIMAGE DBMS
- Power Failure Recovery
- StarLAN Link Kit
- StarLAN Hub
- Disc caching

Personal Computer Systems

- HP Vectra Desktop PCs
- IBM PC/XT/AT, PS/2 Model 30

All models minimally require:

- Dual flexible disc drive (double sided/double density)
- 640 Kbytes memory

Networking Environment

Supports OfficeShare (B.00.00):

- StarLAN/Vectra PC Link (50926F)
- ThinLAN/Vectra PC Link (50927F)
- Network Services - User Services for Vectra and IBM PCs (50923F) OR
- Business System Plus IBM Personal Computer Kit (32512A)

Note: Also supports HP OfficeShare Network Software for StarLAN (A.01.00 or A.01.01) and ThinLAN (A.03.00)

Software Environment

HP 3000 Systems

- MPE MIT V-Delta-1 (G.03.01) or later*

Personal Computer Systems

- HP Vectra Desktop PCs — Vectra DOS Version 3.10 or later
- IBM PC/XT Systems - PC DOS Version 3.10 or later
- IBM PC/AT Systems - PC DOS Version 3.10 or later
- IBM PC Systems - PC DOS Version 3.10 or later
- IBM PS/2 - PC DOS Version 3.3 or later

*Not supported on MPE/XL at first release.

Environmental Specifications

System Physical Specifications*

Height: 609 mm/24 inches
Width: 212 mm/8.4 inches
Depth: 539 mm/21.2 inches
Weight: 18.6 kg/93 lbs.

Relative Operating Humidity

20-80% RH @ 40°C Non-condensing

Operating Temperature Range

5-40°C/40-104°F

Acoustics

Sound pressure level: 49 dB(A) ref 20 μ Pa @ 1 m

Sound power level: 5.5 Bels

Heat Dissipation

System: 364 Kcal/gm/hr 1450 Btu/hr

Line Voltage/Frequency

100-120 VAC Nominal $\pm$ 10%
(47-63 Hz.)

200-240 VAC Nominal $\pm$ 10%
(47-63 Hz.)

Line Current

4 amps @ 115 VAC, 50-60 Hz.

2.5 amps @ 230 VAC, 50-60 Hz.

**Specifications are established using the tightest specifications of the components. Specifications may vary depending on peripheral options.*

Regulation Compliance

Safety

UL Listed for Information Processing and Business Equipment; C.S.A. Certified for Data Processing Equipment; I.E.C. Compliance for Data Processing and Office Machines

E.M.C.

Compliant with F.C.C. class A
Compliant with V.D.E. level A

Support

Hewlett-Packard offers a full range of support services for both hardware and software support and, with over 180 service and support facilities throughout the world, can meet the special needs that exist in your office. Contact your HP Sales Representative for a complete description of hardware and software support services.

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