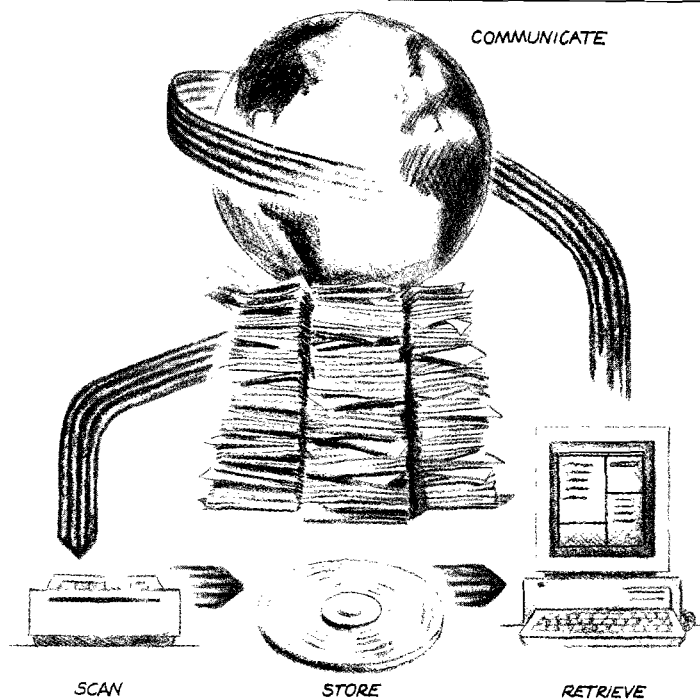# HP Advanced Image Management System

Presenting the HP Advanced Image Management System

An information explosion is affecting the business world. High volumes of paper-based information are a characteristic of even the most automated of offices. The avalanche of paper may contain the information you need, but it is sometimes impossible to access and at the very best, slow to retrieve.

The HP Advanced Image Management System puts an end to the paper problem by bringing information such as handwritten letters, photographs and forms online. Such information can be duplicated electronically and stored with other electronic forms of data like text and graphics. The HP Advanced Image Management System adds the electronic capture, manipulation, storage and retrieval of hardcopy information to your existing business information systems.

The productivity payoff is getting the right information quickly and easily. The HP Advanced Image Management System gives one point of access to all the information you need. The time to respond to your customers' requests is reduced and better decisions made, giving your organization the leading edge in today's competitive world.

SCAN   STORE   RETRIEVE

Who benefits?

Any industry, company or department storing and processing high volumes of paper can benefit from the HP Advanced Image Management System. Typical users are to be found in the insurance, financial, healthcare, telecommunications and pharmaceutical industries and in government departments.

Enhances existing systems

The HP Advanced Image Management System enhances existing data processing and office automation applications. It does not replace them. It is because the System is built on industry standard hardware and software that your investment in technology is protected.

A solution to meet your needs

Every document filing situation is different. The document image management system you choose should adapt to your needs. That is why the HP Advanced Image Management System offers the most advanced application development tools in the industry today. Developers can create image management applications, quickly and easily, that are tailored exactly to your established working procedures.

System Overview

HP Advanced Image Management System is a Unix™ based solution. It adopts Hewlett-Packard's client/server approach to business information systems. This approach offers the best of two worlds: the versatility and speed of personal computers integrated with the network and transaction power of HP minicomputers.

Dataserver

HP Advanced Image Management System supports a complete range of high performance cost-effective machines from the HP 9000 family of minicomputers running under HP-UX. No matter what your needs we have the dataserver that delivers the capacity and dependability you're looking for. A scalable solution, ranging from the series 300 to the series 800, allows the system to expand as user needs grow.

The System uses a relational database management system (RDMS) with standard SQL as the primary interface. The RDMS has been extended to allow fields to support large data objects including images and other media types such as voice and video. This gives greater data integrity and system security.

Personal Computers

HP Vectra PC client workstations provide the power for image scanning, manipulation and display. The PC/AT™ compatible workstation, which runs MS-DOS™, is equipped with a high resolution monitor for the high quality display of images.

In addition, each client workstation has an image compression/decompression card. The card performs compression, decompression and scaling of image data using CCITT Group 3 and Group 4 FAX algorithms. Transmission speeds of image data are therefore maximized and storage requirements minimized.
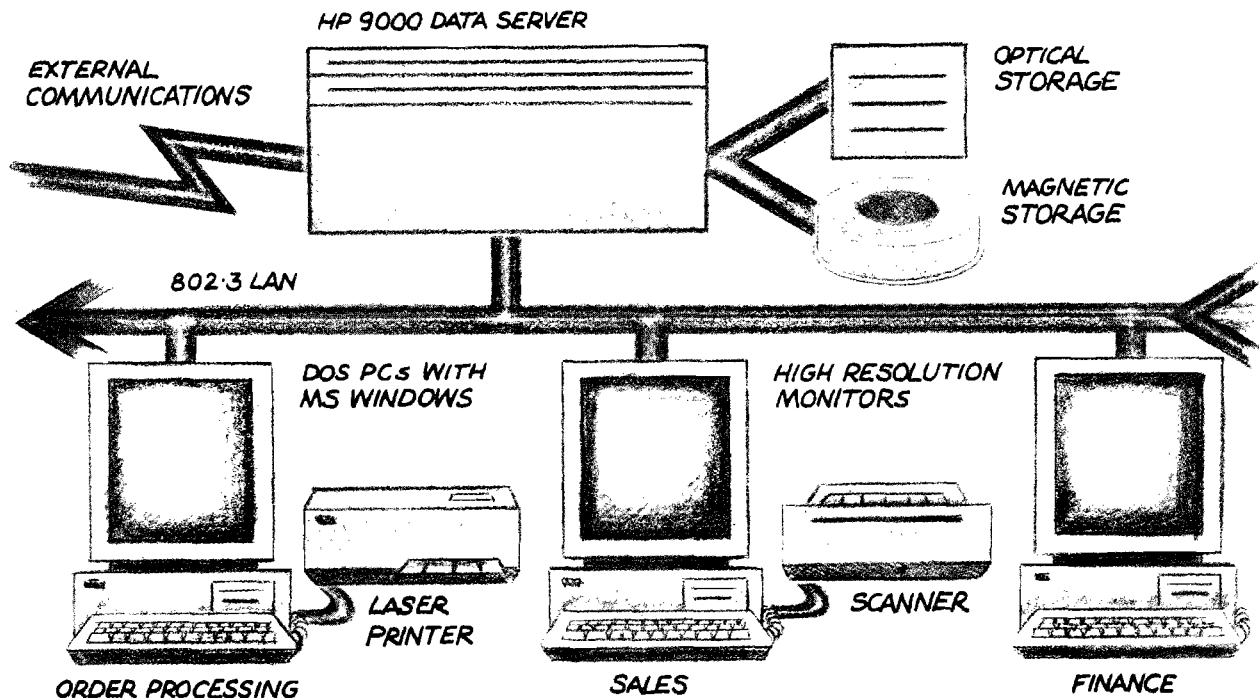
Image Peripherals

A client personal computer may be used simply for retrieving images and viewing them. However, scanners for digitizing documents into electronic form, and laser printers to print high quality output of images may be attached to provide scanning and printing workstations as required.

Optical storage

In addition to conventional magnetic data storage, the HP Advanced Image Management System supports optical disk storage. Optical disks provide all the storage you'll ever need at a cost approximately one-third of that of magnetic disk. Single optical drive systems and autochanger or jukebox systems are available depending on storage requirements.

HP Advanced Image Management System Overview

HP 9000 DATA SERVER

EXTERNAL COMMUNICATIONS

OPTICAL STORAGE

MAGNETIC STORAGE

802·3 LAN

DOS PCs WITH MS WINDOWS

HIGH RESOLUTION MONITORS

LASER PRINTER

SCANNER

ORDER PROCESSING

SALES

FINANCE

HP Computer Museum
www.hpmuseum.net

Software to solve your toughest challenges

You want your problem solved your way. Developers can use the HP Advanced Image Management System application development tools to provide you with a totally customized solution.

These tools include an innovative user interface designer, based on MS-Windows™, that is fully integrated with the System's standard fourth-generation language and relational database.

Developers can quickly build advanced image management applications without detailed understanding of Microsoft Windows, MS-DOS™ and HP-UX™.

An Example

Insurance claims processing

A claims processing department in a large insurance company receives hundreds of accident report forms each day. The example shows a typical claim being processed, passing through several checkpoints. In the first transaction an excessive claim is identified and the customer notified. The customer is then able to resubmit his claim.

When the claim is processed in the conventional method, using paper, it can be weeks before even the first transaction is processed. With the HP Advanced Image Management System the claims

policy is duplicated electronically from the start. The times to retrieve and process information are substantially reduced. The customer is notified of the excessive claim within days and the case closed within a fraction of the original time.

Third party applications

To offer a complete range of document image management solutions Hewlett-Packard is working closely with leading software vendors and system integrators to supply the solutions to meet your business needs.

Insurance claims processing

TRANSACTION 1

ACCIDENT REPORT RECEIVED	CUSTOMER FILE RETRIEVED	DAMAGE CLAIM CHECKED	EXCESSIVE CLAIM IDENTIFIED	CORRESPONDENCE TO CUSTOMER	CUSTOMER FILE STORED

TRANSACTION 2

NEW ESTIMATES RECEIVED	CUSTOMER FILE RETRIEVED	DAMAGE CLAIM CHECKED	PAYMENT AUTHORIZED	PAYMENT TO CUSTOMER	CUSTOMER FILE STORED

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