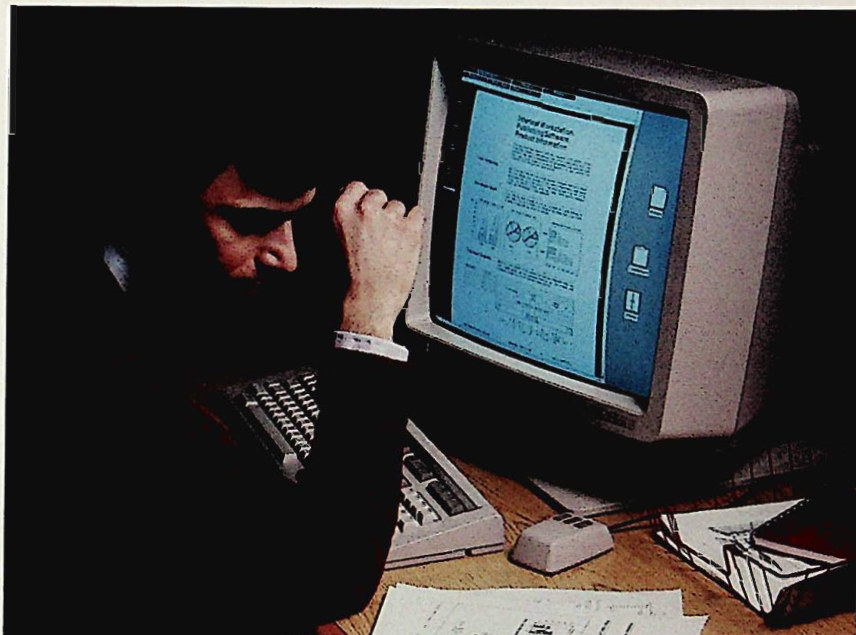


Interleaf Workstation Publishing Software*
Composite Document Editor for VAXstations I and II

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Digital Combines Interleaf Workstation Publishing Software* with VAX Power and Versatility.

Having your own composite document editor means being able to sit at your desk and produce typeset-quality copy in minutes. Need a revision? Simply make the change on the appropriate page, and without any cutting or pasting, your text and graphics can be changed, repositioned, and resized in seconds.

Digital introduces Interleaf Workstation Publishing Software*, a composite document editor that runs on VAXstations I or II, allowing you to produce text, graphics, charts, and illustrations at a single terminal. Because your VAXstation I or II workstation allows you to prepare documents right at your desktop, you eliminate the need to get outside help for graphic design. Even a novice can become proficient on the system in a few hours, thanks to the advanced mouse and menu interface. And because VAXstations I and II are workstations, they offer you the speed and availability you expect from a dedicated VAX.

Highlights

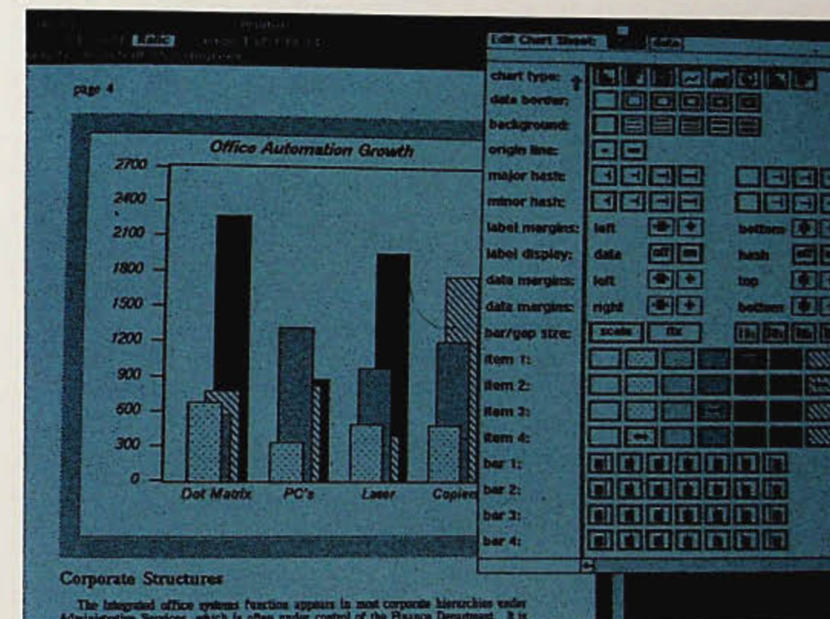
- Using the power of VAXstation I or II workstations, Interleaf Workstation Publishing Software* lets you prepare typeset-quality copy right at your desktop, reducing both design time and printing costs.
- Because your VAXstations I and II are dedicated workstations, you have local control over producing documents faster and more efficiently than you ever could before.
- The interactive editor assures you that "what you see is what you get"; that your document looks on screen just as it will in printed form.
- A unique frame system lets you insert, move, or change graphics anywhere in your text, and gives you over 40 specialized data-driven business chart styles to choose from.
- Pop-up menus allow simultaneous document and menu viewing, letting you integrate your text, graphics, and charts with ease.
- Because VAXstation I and II workstations are part of the growing VAX family, you have software and application capabilities that are virtually endless.
- Ethernet local area networking supported by DECnet software lets you share information and ideas with users on other VAXstations and on larger VAX systems.

A Revolutionary New Way to Produce Illustrated Documents.

The unique combination of Interleaf Workstation Publishing Software* with VAXstation I or II workstations, gives you the kind of document flexibility you've always dreamed of. Now you can write, edit, format text, and create graphics and business charts to produce typeset-quality copy suitable for most documentation applications.

As text is entered into your composite document editing workstation, it can be automatically formatted in the typeface and size of your choice. This is accomplished through a process called structured document editing. You define certain components in your document, and the system does the rest. If you want to change a typeface, whether it be for a component or throughout the document, you simply call it up on your menu and, like magic, your change appears.

Graphics too, can be included in your documents. All it takes is the simple click of your mouse. A variety of interactive menus allows you to choose objects, charts, line widths, and fill patterns. You can then dramatically



alter their appearance and watch as the system incorporates your changes in seconds.

Local Control Increases Your Productivity and Gives You Unbelievable Speed.

Have you ever had to work on a slow, overloaded system to meet a tight deadline? Chances are you never want to experience that again. And there's no reason why you should. Because your composite document editing workstation has local control, you'll never have to worry about gaining access to a busy, overloaded system. Your system will provide you with fast, reliable service, whenever you need it.

Local control benefits you in other ways too. Because you are producing every phase of your document at your own workstation, you are completely in charge. Never again will you have to wait for a graphic artist to plot a chart or diagram for you. You drive your own project, from the time you start to the time you finish.

A Document That Is Always the Way You Want It, Without Any Surprises. Many times, you don't know exactly what you want. You need time to for-

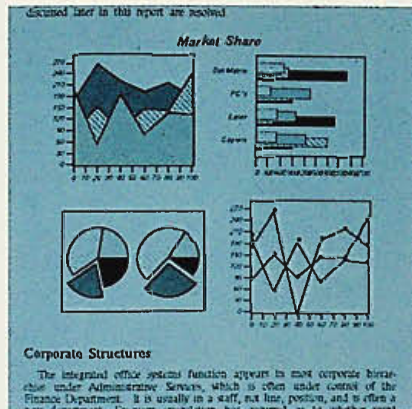
mulate different ideas and concepts. Often, you are dependent on others to correctly communicate your ideas for you.

Until now, Digital's new composite document editing workstation allows you to manipulate your text, graphics, and page layout right on the screen. If you don't like the way something looks, you can change it in a flash. Mix typefaces, change a bar graph to a pie chart, or completely reorganize an entire document. Whatever you want to do can be accomplished in seconds. And because the way it looks on screen is the way it looks on paper, there are no surprises.

Making Up Your Mind Is Easy with Over Forty Specialized Chart Styles to Choose From.

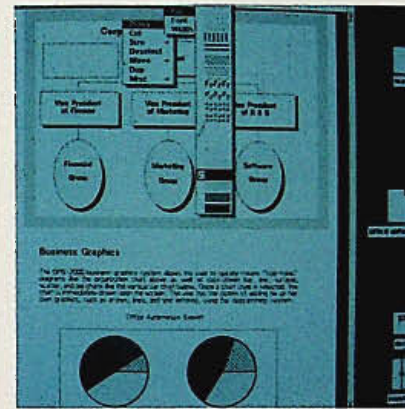
Creating charts is fast and easy. There are over forty standard chart styles to choose from. Because they're data driven, you can try as many different chart styles as you like. You only have to input your information once. All of your options are displayed on easy-to-read pop-up menus that you control by moving your mouse. Simply choose a chart style, define your boundaries, and your chart appears before you.

Graphics are created interactively right on the screen and are easily positioned in blocks of text, thanks to your mouse and menus. Even com-



plex diagrams can be duplicated, repositioned, and resized in seconds. You can then graphically edit your diagrams and add text in the typeface of your choice.

Sound easy? That's because it is. You can include diagrams or line drawings anywhere. You can vary line widths and fill patterns by choosing simple menu selections. Graphic objects can be modified, grouped or ungrouped, and can be placed in back or in front of other objects. You can insert and modify text within graphic drawings. And because "what you see is what you get," your diagrams and charts are positioned exactly where you want them.



Pop-up Menus—The Key to Interactive Copy and Graphics Editing.

Having pop-up menus means you can see your menu choices and your document simultaneously. If you want to make a change, the appropriate editing menu pops up with a mere mouse click. You can specify justification and pagination changes without first filing out of your document to recall an editing menu or going back and forth to scroll bars. You can vary your line spacing and component margins; activate automatic search and replace; do forward, horizontal, and reverse document scrolling; or "go to" any page selectively. And you can even create equations with Greek and math symbol sets, should you need them.

It's Easy to Enter Existing Copy onto Your Composite Document Editing Workstation.

Often, you work in teams in which different people are in charge of dif-

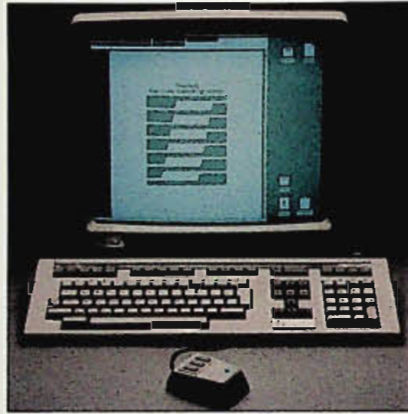
ferent parts of a document. A document may not necessarily be written by one person at a single workstation. Or, you may want to incorporate some existing, online copy into your document.

Thanks to a unique DX filter interface, your team's productivity can be increased. DECmate WPS (Word Processing Software) files can be copied onto your composite document editing workstation without any additional input. And text files can be prepared on standard VAX terminals using DEC-standard ASCII editors. Those files can then be sent to the composite document editing workstation, where formats can be changed and graphics and charts can be added. It's that easy.

VAXstations I and II Give You the Best of Both Worlds.

While you're using your VAXstations I or II for composite document editing, you can also run countless other applications right at your desktop. And what better way to run your programs than on a VAX?

VAX power, MicroVMS software, and DECnet communications on Ethernet make VAXstations I and II stand out from the crowd of microprocessor workstations.



VAX systems set the standard in computing against which other systems are measured. Because the VAXstations I and II are based on VAX architecture and MicroVMS, they are capable of running a wide range of available world-class software. And software, after all, is the key to making your workstation work for you.

The VAXstations I and II compatibility within the VAX systems family rewards you in another way. It adds a new dimension to networking. Some other workstations offer Ethernet, but VAXstations I and II also offer distributed processing with more powerful superminicomputers and other resources in the network. DECnet software lets you create an integrated networking system that can expand with your needs.

Digital has always been a leader in bringing powerful and innovative computing to the hands of professionals.

Interleaf Workstation Publishing Software* combined with VAXstations I and II continues the tradition.

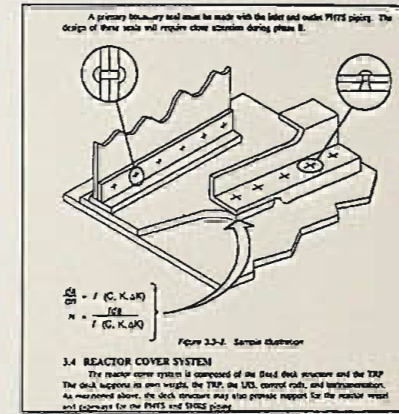
Interleaf Workstation Publishing Software* Features in a Nutshell.

Editing text, graphics, and charts:

- An interactive "what you see is what you get" editor.
- Three-button mouse supplements keyboard.
- Structured document editor.
- Edit single or multiple characters, objects, or entire components.
- Copy, move, insert, delete, and change size of fonts and graphics.
- Forward/reverse/horizontal scrolling.
- Selectively change font style and size.
- Frame system lets you add graphics anywhere in text.
- Group/ungroup to create new objects.
- Place in back/front of other objects.
- Automatic alignment: left, right, centered.
- Business charts are easily edited by modifying data and style property sheets.

Text creation:

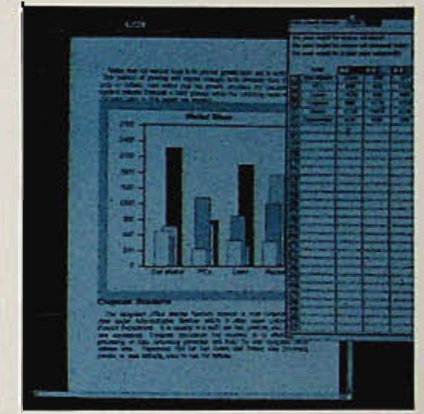
- Three typestyles, Greek and math symbols, bold and italic.
- Matching screen and printer typefaces.
- Text can be entered justified, ragged left/right, or centered.



- Tabs—left, right, centered, and decimal.
- Tab fills—blank, leader dots, line, and underline.
- Automatic headers and footers—left, right, and centered.
- Fast automatic pagination and page numbers.

Graphics creation:

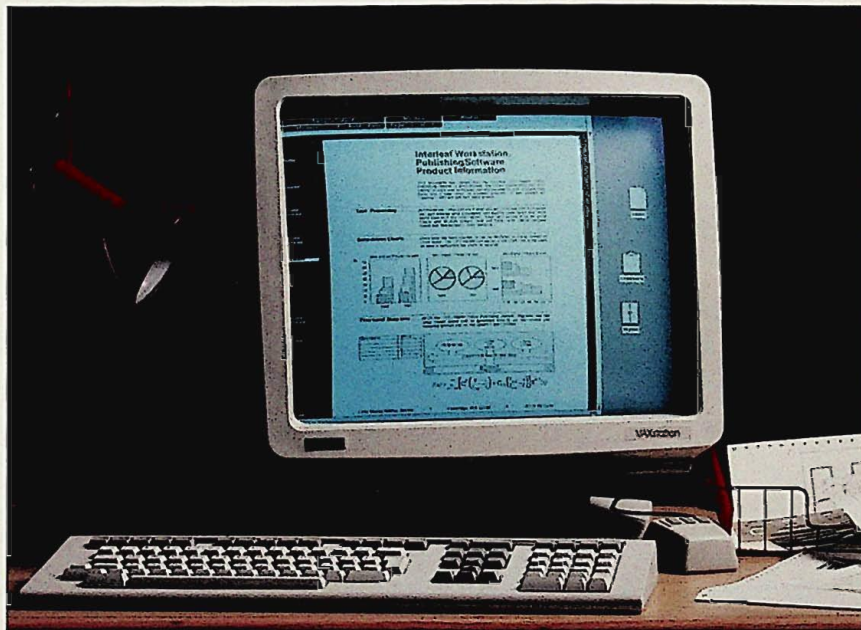
- Boxes—transparent, opaque, black, gray, and textured.
- Lines can be grouped to form polygons, which can be transparent, opaque, or filled with textures; choice of seven line widths.
- Circles/ellipses: transparent, opaque, black, gray, and textured.
- Grid can be displayed or not displayed.
- Grid align helps align objects to grid points.
- Gravity helps attach objects to each other.
- Add text to any diagram.



Business chart creation:

- Chart styles: data-driven vertical and horizontal bar, 100 percent bar, line, pie, exploded pie, surface, scatter charts, plus over 40 specialized chart styles.
- Style menu: control chart type, data border, background lines, major hash marks, minor hash marks, label margins, data margins, and textures.
- Data entry: enter data once to create a variety of charts.
- Formatting: user controls height, margins, and type fonts.
- Add text to any data-driven chart.

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Specifications

Minimum Configuration

Any valid VAXstation I or II configuration with a minimum 2-Mbyte memory and DEQNA Ethernet Q-bus interface, running MicroVMS operating system and window management software.

Optional Hardware

Interleaf Workstation Publishing Software* includes support for high-resolution laser printers that can be connected to a VAXstation I or II using the RS-232 serial line interface. These printers are supplied and supported by Interleaf, Inc.

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