



# Introducing DESQview 2.0

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The  
possibilities  
are  
endless.

For us  
it's the next  
logical step.

InfoWorld voted DESQview 1.3 Product of the Year.

In the PC Tech Journal "System Builder Contest" at Comdex Fall 1986, it was voted best operating environment.

Soft Sector gave it the Editor's Choice Award.

And 450,000 dedicated PC users on four continents voted yes with their dollars.

So why on earth did we change what is undoubtedly the best, most efficient, most versatile, multi-tasking, multi-window software integrator that exists today.

It's easy to understand when you examine what's at the core of DESQview.

For you  
(we hope)  
it's a wish  
come true.

We believe the personal computer equates to personal freedom, and that software, any software, must enlarge the scope of that freedom.

We are committed to technical leadership.

We are committed to customer solutions, not merely our own.

We are committed to producing a foundation for growth, an open process, not restrictive architecture.

We are committed to protecting the customer's investment, allowing existing software and soon-to-be software to blend and work together at the customer's choice.

So we watched how *you* use DESQview. We listened. We incorporated many of *your* wishes. And many of ours.

The result is a more powerful, more versatile, (and whenever hardware permits) a much smaller DESQview.

# With DESQview 2.0 you can do almost anything on earth.

Like its predecessor DESQview 1.3, DESQview 2.0 multi-tasks within 640K and beyond. It does windows. It transfers data. It dials your phone. It gives you menus for DOS. It remembers your keystrokes. And lots more.

It still runs your existing programs as well as programs you'd like to own—so you don't have to break old habits that are already producing results. DESQview 2.0 is so versatile it can even run Digital Research GEM-, Microsoft Windows-, and IBM TopView-specific programs, re-emphasizing the Quarterdeck commitment to supporting your investment in software.

And DESQview 2.0, as always, is at the forefront of new hardware technology. For DESQview Version 2.0 not only runs on PC-compatible laptops, PCs with floppy diskettes, PC-XTs, PC-ATs, 386 PCs—but it is fine-tuned to the new IBM Personal System/2.™

## Graphics

DESQview 2.0 absolutely dazzles when running graphics programs. Whether you have a PC with Hercules, color graphics (CGA), enhanced graphics (EGA), or whether you have an IBM Personal System/2 with its video graphics array (VGA), DESQview 2.0 delivers the visual verities, the poignant details, the truth in pixels that clarify the meaning you're after.

From Ventura Publisher to PageMaker, from AutoCAD to PC Paintbrush, DESQview 2.0 can

handle them. And DESQview can show them side by side in windows. But that's not all. DESQview 2.0 supports the 43-line text mode of EGA as well as the 50- and 60-line text modes of the IBM Personal System/2's VGA. To Lotus 1-2-3 users this means more information available on the screen. To Personal System/2 users it means the ability to see two 25×80 windows on the screen at the same time.

## Uniformity

DESQview 2.0 provides a consistent and uniform presence from desktop to desktop. Its capabilities extend to a wide range of machines with an even wider range of hardware choices while still retaining the same user-friendly features.

Whether 8086, 80286, 80386, whether just 640K, expanded or enhanced expanded memory, DESQview 2.0 remains consistently the same, delivering the results you need with the kind of speed, power, and reliability you expect without the hassles of differing commands, inordinate menus, or new training.

## Multi-tasking in 640K and Beyond

DESQview 2.0's multi-tasking prowess increases as you add memory and processor power. In systems with 640K, you get multi-tasking within 640K and fast switching beyond 640K.

Add an expanded memory board such as the Intel AboveBoard and you get this same multi-tasking and fast switching with expanded memory programs.

Add an enhanced expanded memory board, such as the AST RAMpage or Quadram EMS+ board, and you get multi-tasking beyond the DOS 640K barrier.

And then there's DESQview on 386 PCs. Spectacular! In conjunction with the Quarterdeck Expanded Memory Manager 386 (we call it QEMM-386), DESQview acts as a 386 control program, taking advantage of the 386's virtual 8086 machine architecture. This means you can multi-task beyond 640K using the 386's standard memory boards—thus eliminating the need for special expanded memory boards.

#### **Loader Magic**

Because DESQview's focus has always been, and is now, on multi-tasking, DESQview can turn mis-behaved DOS programs, which write directly to the screen, into well-behaved programs that can run in background and in windows. DESQview's way of doing this "magic" is with special DESQview "loaders." Loaders are the reason why DESQview users on 8088, 80286, and even 80386 PCs can run 1-2-3, Symphony, Crosstalk (to name a few) in background.

DESQview 2.0, now in conjunction with QEMM-386 and 386 PCs, extends its ability to run programs, in background even more. With DESQview 2.0 on 386 PCs you can run text or CGA programs in background and in windows—without the need of a loader. We call this feature virtualized screens.

#### **The Smaller the Better**

Because your favorite programs are getting bigger, we've concentrated on making DESQview smaller. We have and we haven't succeeded. In

sheer size DESQview 2.0 is now 145K in size, up from 128K in Version 1.3. But on PC-ATs with extended memory, on PCs and PC-ATs with enhanced expanded memory, and on 386 PCs the amount of memory used by DESQview ranges from 0K to 85K.

#### **Enhanced Connectivity**

With the new DESQview 2.0 you get better connections. For we've improved high speed communications. Running in foreground and in background. Which means better communications, and increased efficiency both within your LAN and beyond to the outlying mainframe world.

#### **Programmers Tools**

DESQview 2.0's new full Application Program Interface (API) capability provides enormous benefits to both MIS and DP departments. The DESQview API allows a program to interact with DESQview and with other programs running in DESQview.

Using the DESQview API, a program can use DESQview to move, resize, hide, recolor its windows, create subwindows, spawn subtasks that run concurrently with the main task, create menus, use a mouse, and even send messages to and receive messages from other programs.

So programs can now act alone or together. Either within a window or hidden behind one, they can do chores in silence or in chorus, all the while utilizing the full power of DESQview.

#### **More than Ever**

In summary, the more capability your system has the more DESQview 2.0 lets you take advantage of it. And now you can, with DESQview 2.0, do almost anything on earth.

# In Case You Haven't Heard.

DESQview has companions. Five in all now. There's DESQview Datebook. DESQview Calculator. DESQview Notepad. DESQview Link. And the Quarterdeck Expanded Memory Manager 386 (QEMM-386). All of them friends to each other yet extremely powerful each in its own right.

Datebook, Calculator, Notepad, and Link must be used in conjunction with DESQview and do not run "stand-alone." All have been especially tailored to take advantage of DESQview's windowing, mousing, on-line help, and multi-tasking.

DESQview Datebook gives you fingertip access to day-, week-, month-, and year-at-a-glance calendars—all of which interact together. You get built-in alarms, early wake-up calls, and snoozes that ring while you are working in another program. You can keep multiple datebooks, print these datebooks in various formats, and schedule repetitive events.

DESQview Calculator is a versatile calculator that operates with display or "tape." The tape can be scrolled and saved. Calculations include scientific notation, square roots, percentages, and memory add and subtract. In conjunction with DESQview's Mark command, Calculator can add or average numbers that appear in other programs without the need for re-keying.

DESQview Notepad lets you jot down reminders or dash out memos and letters. Notepad's features include insert, delete, margins and tabs, word-wrap, paragraph

reformatting, pagination, find and replace, copy/move/delete/save/read blocks and columns of text, and print.

DESQview Link turns one window of DESQview into a communications terminal—in order to "link" your PC to another PC, mainframe computer, or on-line network service. Link's features include menued guidance in setting up and dialing the remote computer, "record" and "playback" capabilities, selective capture of data received, XMODEM file transfer protocol support, background communications, and built-in communications language for power users.

The Quarterdeck Expanded Memory Manager 386 (QEMM-386) adds expanded memory capabilities to 386 PCs without requiring special expanded memory boards. When used alone, QEMM-386 gives the 386 PC the ability to run expanded memory programs such as Lotus 1-2-3 Release 2 and Symphony Release 1.1.

And when used together with DESQview, QEMM-386 turns DESQview into a 386 control program, enabling DESQview to take advantage of the 386's virtual 8086 machine architecture. What it means to you is the ability to multi-task beyond 640K, to run text and CGA graphics programs in background and in windows, and to reduce DESQview's memory overhead to as little as 0K to 40K.

### System Requirements

- Personal Computers: IBM PC, PC-XT, PC-AT, and Personal System/2™ and 8088-, 8086-, 80286-, 80386-based personal computers that are 100% compatible with the IBM Personal Computer
- Video Displays: monochrome, color graphics (CGA), enhanced color graphics (EGA), video graphics array (VGA) of the IBM Personal System/2, Hercules
- Expanded Memory (optional): Intel AboveBoard and compatibles
- Enhanced Expanded Memory (optional): AST RAM-page and compatibles; recommended for power users wishing to multi-task beyond 640K or to run programs larger than 435K
- Disk: Two diskette drives or one diskette drive and a hard drive
- Mouse (optional): PC Mouse, IBM Mouse, Microsoft Mouse, and Microsoft Mouse compatibles
- Communication port (required for DESQview Link)
- Modem (for Auto Dialer and DESQview Link): Hayes Smartmodem or compatible
- Operating System: PC-DOS 2.0-3.3; MS-DOS 2.0-3.2
- Memory: 640K memory recommended
- DESQview memory overhead: 640K PCs and 8088 & 80286 PCs with expanded memory: 145K; 80286 PCs with extended memory: 85K; 8088 & 80286 PCs with enhanced expanded memory or 80386 PCs: 40K for PCs with EGA/VGA displays; 0-10K for PCs with monochrome or CGA displays. DESQview Companions memory requirements: Datebook: 55K; Calculator: 30K; Notepad: 35K; Link: 80K; Quarterdeck Expanded Memory Manager 386: 16K
- Media: DESQview and DESQview Companions available on either 5¼ inch or 3½ inch floppy diskette

### DESQview Features

(\*Indicates DESQview 2.0 Enhancement)

#### General:

- Multi-tasking within 640K
- Multi-tasking beyond 640K on PCs with enhanced expanded memory or on 386 PCs

#### Windows

- Program switching between as many as 250 open windows
- Data transfer between different programs
- Enhanced background communications support

Compatibility with most PC- and MS-DOS software without modification

Same version of DESQview for 8088, 80286, and 80386 PCs

#### 386 PC Capabilities:

386 control program capabilities when used with the Quarterdeck Expanded Memory Manager 386 (QEMM-386), Compaq Expanded Memory Manager (CEMM), or compatible memory manager

- \* Virtual screen support (runs text and CGA graphics programs in background)

#### Application Program Compatibility:

Most PC-DOS and MS-DOS 2.0-3.2 applications

- \* Programs specific to IBM TopView 1.1, Digital Research GEM 1.1, Microsoft Windows 1.03 (requires a runtime version of GEM or Windows programs)
- Ability to run well-behaved DOS programs or TopView-aware programs in windows and in background
- Built-in loaders that let programs such as Lotus 1-2-3 and Symphony run in windows and in background

#### Graphics:

- \* Color graphics (CGA), Hercules, enhanced color graphics (EGA), and the video graphics array (VGA) of the IBM Personal System/2
- \* Ability to save graphics information in expanded memory or on disk
- \* Ability to save and restore the full resolution of EGA and VGA screens
- \* Support of the EGA's 43-line text mode and the VGA's 50- and 60-line text modes
- \* Display of multiple EGA and VGA graphics programs in small windows at the same time
- \* Loadable graphics drivers
- Scaling of CGA graphs

#### Ease of Use:

Menus with keys to use; commands selectable via mouse or keyboard

- \* Indication of whether a command is available at the time of menu display
- Keyboard/mouse interchangeability
- \* Context-sensitive help for DESQview and DESQview-specific programs

#### Ease of Installation/First Use:

- Menu-driven installation
- Automatic installation of programs into DESQview
- Self-running demo
- Tutorial

- \* Automatic detection of graphics hardware
- \* User ability to specify subdirectory for DESQview

#### Open/Switch/Close Programs:

- Open Window menu, listing the user's programs
- \* Support of as many as 250 windows open simultaneously
- Switch Windows menu, listing the programs open
- Close Window command, with "are you sure?" query
- \* User option to disallow the closing of a program by DESQview

#### Windows:

- Move or Resize window commands, using keyboard or mouse
- Nine preset window positions
- \* Freeze command to suspend a program
- \* Scroll command to scroll a program in a small window
- Hide command to hide a window
- Put Aside command to swap a program to disk or expanded memory
- Zoom command to zoom a window to full screen or back to a small window
- \* Change Video command to switch between 25-, 43-, 50-, and 60-line text mode on EGA or VGA displays
- Color commands to change background or foreground colors of windows
- Keystroke and mouse shortcuts for switching windows
- \* Round-robin switching of windows

#### Data Transfer:

- Mark Begin and Mark End commands to mark displayed information
- \* Mark More command to append a block to previously marked information
- \* Transfer Number command to instruct DESQview to strip out dollar signs, commas, left/right brackets, and other non-numeric characters before transferring
- \* User ability to specify keys to be used before and after each line transferred
- \* Transfer shortcuts

- \* Scissors command for transferring data into a DESQview-specific program
- \* Support for transferring a block of numbers into rows and columns of a spread sheet

#### Built-in DESQview Companions:

##### DOS Services:

- Menus and online help for DOS commands
- Primary, secondary sort of DOS directories
- User ability to mark files and copy, print, backup
- \* Automatic recall of last executed command
- \* Multi-tasking support of FORMAT, DISKCOPY, and COPY

##### Auto Dialer (requires Hayes-compatible modem):

- User ability to use dialer in any open program
- User ability to specify 3 access codes
- User ability to change default modem protocol
- \* User ability to specify baud rate

##### Learn (keystroke macros):

- Global macros and macros for each program
- \* Auto-startup script for DESQview
- Auto-startup script for each window
- User ability to disable Learn
- Fixed and variable pauses, time delays
- \* Menus for scripts
- User ability to create, edit, convert scripts
- \* User ability to override a key's mapped meaning
- \* User ability to choose override key
- \* Dynamic saving and loading of scripts
- \* User ability to learn scripts on "untypeable" keys

##### System Capabilities:

- Virtual memory support (automatic swapping of programs to hard disk, RAM disk, or expanded memory)
- User ability to turn on/off swapping
- User ability to allocate time for background/foreground programs
- Optimization option for high speed communications
- Synchronization with video monitor
- \* Option to display text and graphics at the same time
- \* User ability to specify default window sizes
- \* Support of one monochrome and one graphics display simultaneously
- \* Management of printer contention
- \* Automatic blanking of screen when screen is idle
- User assignable default window colors



- \* User ability to limit amount of expanded memory used by a program
- \* User ability to redefine the DESQ, Learn, and "keyboard mouse" keys
- Logical drive support
- Left-handed mouse support
- \* "Keyboard mouse" support
- \* Print screen command to print exact contents of screen
- \* Shortcut for adding separate entry for the same program on the Open Window menu
- \* User option to disallow quitting DESQview until all windows are closed

Programmer's Application Program Interface:

- \* Built-in Application Program Interface (API) compatible with IBM TopView API Version 1.1
- \* Shared programs between windows
- \* Intertask communication
- \* Program control of window size, shape, position
- \* Program can hide itself
- \* Program can disable Close Window command
- \* Program can cut/paste using special commands
- \* Menu and help building assistance



Quarterdeck Office Systems  
 150 Pico Boulevard • Santa Monica, CA 90405  
 (213) 392-9851

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## Yes! Rush me DESQview 2.0! Today!

No. Copies	Media 3 1/2"/5 1/4"	Product	Retail Price ea.	Total
		DESQview 2.0	\$129.95	\$
		DESQview Companions 1 (Datebook, Calculator, Notepad, Link)	\$ 99.95	\$
		Quarterdeck Expanded Memory Manager 386 (QEMM-386)	\$ 59.95	\$
		DESQview Bundle (DESQview 2.0, Companions, QEMM)	\$224.95	\$
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		USA	\$ 5.00	\$
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