



News Release

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FULL-SCREEN, SMOOTH MOTION VIDEO PLAYBACK NOW POSSIBLE ON PENTIUM™ PROCESSOR-BASED SYSTEMS WITH INDEO™ VIDEO

NEW YORK, June 27, 1994 -- Intel, in attendance here at PC Expo, today announced Indeo™ video Release 3.2, the latest release of Intel's software-based PC video technology. Enhancements to the technology offer CD ROM publishers, Video Production Service Centers (VPSCs) and end users improved playback performance and better video image sharpness and color quality. When used with a Pentium™ processor-based PC, Indeo video can now support full-screen, smooth motion playback with greater picture quality than previously possible.

"Indeo video Release 3.2 delivers dramatically improved picture quality, size and playback performance for all Pentium processor and Intel486™ CPU-based systems," said Claude Leglise, multimedia program director for Intel. "With its unique scalability, Indeo video can deliver smooth motion playback of a video file in a 320 by 240 pixel window on an Intel486 CPU-based system, and full-screen, smooth motion playback of the same file on a Pentium processor-based system. Add a new generation DCI-enabled graphics card to a Pentium processor-based system, and the same video clip, depending on system configuration, can playback at full-screen mode with VHS quality."

"With the introduction of Indeo video Release 3.2, software PC video technology has achieved a performance level that makes it a very attractive alternative to MPEG," said Chris Ewald, video editor for Compact Publishing Inc., developer of an upcoming Windows® version of CNN Newsroom's "Global View" CD ROM title. "Indeo video Release 3.2 will

put to rest any notion that software-based PC video means jerky motion, fuzzy pictures and postage stamp sized video windows. We tried a variety of other software playback codecs, but none could come close to the quality and performance now made possible with Indeo video.”

Other Key Indeo Video Enhancements/Features

In addition to improvements to overall picture size, quality and better playback of Indeo format files, Intel's Indeo video Release 3.2 technology offers the following new capabilities/features:

- Improved CD ROM compression technology to increase playback picture color, sharpness and detail quality of video files created at CD ROM data rates
- Active Palette Management:
 - Multimedia applications running in Windows can now manage the Indeo video 256 color VGA palette with no reduction in playback performance (characteristic of other palette management techniques)
 - Avoids the flashing and color shifting problems that sometimes can occur when the video palette differs from the active palette (Windows 256 color VGA system palette)
- Improved playback performance of Indeo video in 16-bit and 24-bit RGB graphics display mode.
- Ability to take advantage of the video playback performance enhancement capabilities offered by DCI-enabled graphics adapters now coming to market. (DCI is a software technology jointly developed by Intel and Microsoft designed to accelerate video playback on PCs running Windows and equipped with a standard SVGA or advanced graphics card incorporating DCI.)

Momentum Continues to Build for Adoption of Indeo Video

As part of its PC Expo announcement of QuickTime 2.0 for Windows today, Apple Corporation revealed that it has licensed Intel's Indeo video for use in this product and QuickTime* 2.0 for the Macintosh. “Intel's Indeo video has emerged as a leader in software-based codecs,” said Duncan Kennedy, QuickTime product line manager at Apple Computer Inc. “Our decision to support Indeo video in our new QuickTime 2.0 for Windows and QuickTime 2.0 for Macintosh reflects Apple's desire to support emerging video-compression standards under QuickTime.”

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Indeo Video 3.2 Availability

The new Indeo video Release 3.2 technology is available now. End users may download the new Indeo video driver by calling Intel's BBS at 503-645-6275, or using the Intel Forum on CompuServe* (Go Intelforum). Applications developers in North America may call 1-800-628-8686 (select option 131), 916-356-3551 for outside North America, or CompuServe (Go Intelarchlab, section I750/Indeo). Developers and publishers wishing to have their video compressed in the Indeo format by a licensed Video Production Service Center should contact either Horizons Technology Inc. (HTI) at 1-800-828-3808, or NB Engineering at 410-721-5725.

Indeo Video Background

Intel's Indeo video is a widely supported digital video format that allows for software-only video playback on Pentium processor and Intel486 CPU-based personal computers. Licensed free of charge, Indeo video delivers "free" video playback to the desktop by eliminating the need for add-on hardware to playback video files. Indeo video is supported in Microsoft's Video for Windows, IBM's OS/2* R2.1 and Video In*. Apple Computer's QuickTime for Macintosh and QuickTime for Windows, and Novell Netware*. Many leading software applications, such as Adobe Corporation's Premiere* product, also include drivers to support the Indeo format.

Intel, the world's largest semiconductor company, is also a leading manufacturer of personal computer, networking and communications products.

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* All other brands and names are the property of their respective owners.