bypasses standard precautions under AmigaDOS will cause problems and will not work correctly.

Two options are currently available for non-linear editing with the DraCo. The DraCo VLab Motion is promoted by its designers as being able to yield 30MB/second if there were hard drives capable of this speed. The Zorro II version of the VLab Motion can deliver up to 10MB/second with the burst mode. The third DraCo direct 32-bit slot is for the DEC Alpha option which will allow MovieShop, the non-linear software for VLab Motion, to render effects in real time.

Macro-Systems also discussed future plans such as a 68060 accelerator for the A2000, A3000, and A4000. There was even a hint at a portable DraCo. Jorg Sprave of MacroSystem was extremely interested in working with the new owners of the Amiga to provide them with the DraCo system as an alternative for the current firmware.

A quick demonstration of this software solution was well worth the wait. The menus flew across the screen as the Amiga moved in rapid succession through its work. A complete review on the finished system should yield some very interesting results.

Village Post

Another German Amiga supplier on-hand was Village Post. Hubert Neumeier had information and presenations available on a variety of products they are currently producing for the Amiga. The Picasso II-RTG is a Zorro-Bus graphics board that supports up to 256 colors with WorkBench 3.1, definable resolutions as high as 1600 x 1280 pixels, and HiColor (16-bit) and TrueColor (24-bit) graphics.

Their Ariadne is a network card that fits in all Zorro-bus Amigas. The Ariadne supports 10base-2 and 10Base-T cables. It has a SANA-II compatible driver for ethernet and parrel port, a 32Kbyte chache support for the CPU, and it includes Commodore's network software Envoy.

Pablo is a video module that expands the Picasso II with two additional video outputs. The Pablo allows you to view your Picasso output on any TV or VCR.

PreVue Technologies

PreVue Technologies released the Sync Trap, an auxiliary Sync input for the Video Toaster 4000. The Sync Trap gives the Video Toaster a separate reference video input which then frees up input 1 from being a dedicated sync input. The Sync Trap adds an auxiliary BNC on a separate connector

plate which can then be cabled to a Toaster header connector.

PreVue also showed a new video transport control panel which provides basic transport control for video-tape recorders and harddrive-based video recorders. The control panel plugs into a 9-pin remote.
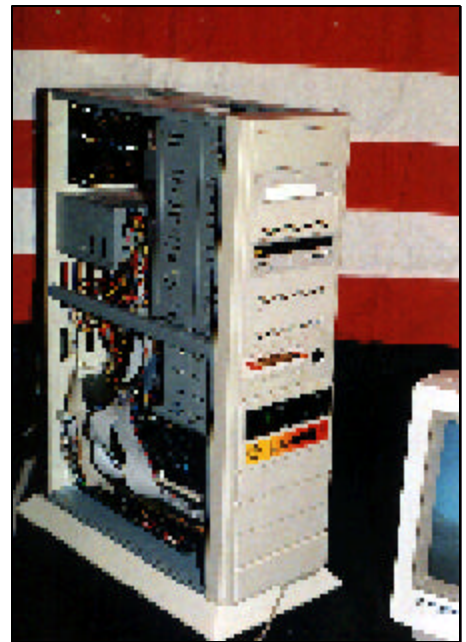
FutureVideo

FutureVideo was on-hand with V-Station 3300. V-Station 3300 is an integrated software and hardware solution with advanced auto-assembly editing software and on-line help. The multi-tasking controller unit provides control of 3 VTRs, 3 programmable GPI triggers, as well as an interface to the Amiga. The controls are intuitive and simple mouse clicks allows you access to a variety of editing functions.

Windows Gains Support from Amiga Vendors

NewTek led a variety of Amiga vendors into the Windows arena with their announcement of the Toaster for Windows early on Sunday before the official start of the show. NewTek has used the preshow time for the last few years to announce new products and provide open meetings with their dealers and end users. According to one attendee, this year NewTek followed their stunning announcement by inviting users to a game of laser tag at UltraZone nearby. While NewTek has been known for just such generous displays in the past, some industry watchers wondered if this abduction was performed so that people would not notice the Play demonstration by ex NewTek employees at the same time.

Play's Trinity

Although Play's presentation was over 45 minutes late, several hundered curious invited guests waited for Play's new announcement. Play, a combination of Digtial Creations and some of the central management from NewTek, provided their guest with the first look at their version of a video Toaster for Windows NT and other platforms. Trinity is a $5995 complete ready-to-edit 10 input switcher, timeline editor, 10 NS character generator system, with two channels of digital effects, paint animation & composing, dual channel still store, chroma key with transparent shadows, color effects processor, and two

Tower Wars
The A4001T from Eagle computers was just one of several tower configurations for the A4000 shown at NAB. The A4001T has 2 switchable Video Slots, 8 Zorro II?III Slots, and 5 PC/AT Slots, 6 5.25" Drive Bays, and 4 3.5" Drive Bays.

TBCs with true color corrections.

The Play team have provided a list of add-ons including a $4995 Preditor dual channel non-linear editor. It includes two D1-quality online non-linear audio/video channels and it requires two SCSI hard disk drives. There is also the Warp Engine option for $7995 which provides real-time 3D digital effects editing.

Although the demonstration did have some trouble starting on time and there was some problems with the hardware early in the process, the Trinity system appeared very formidable. However, an exact delivery date was unavailable at press time.

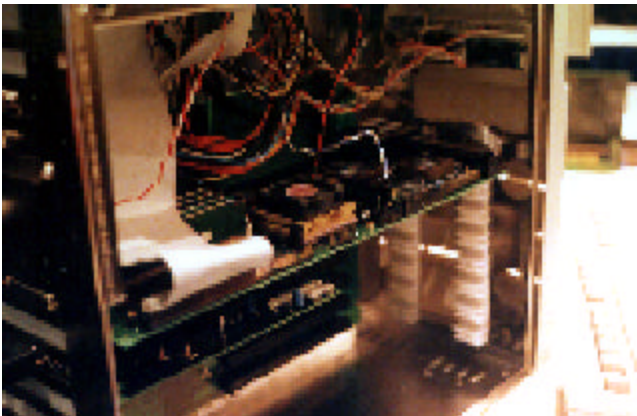### Portable Video Toaster for Windows

''The original Video Toaster established itself as the standard for desktop-based video production,'' said Tim Jenison, inventor of the Toaster and president of NewTek. ''With the Video Toaster for Windows, we're opening our doors to millions of Windows-based video producers.'' The new Video Toaster utilizes NewTek's proprietary video compression technique, VTASC, for real-time recording, playback, and non-linear editing. The unit features a built-in time base corrector and utilizes off-the-shelf computer hard drives for recording video.

Top: Eric Kloor of NoahJi's (left) and Jorg Sprave MacroSystems of Germany were on hand to demonstrate the new Amiga emulation card, DraCo.
Middle: The Draco card installed in a tower configuration.
Bottom: The full DraCo card with 68060 processor.

NAB '95 was the big event in video and graphics technology. In the last few years, this exposition has grown and matured from basically a television and radio forum to a multimedia presentation exposition. With more graphics and design work being performed at the local level, it is important for the independent and affiliated station personnel to see the latest in software and hardware for their needs.

NewTek was one of the first personal computer suppliers to bring their solutions to the NAB floor. Now names such as IBM, Apple, Hewlett Packard, Avid Technologies, and more are flooding the main exposition hall. Side halls have been provided for auxiliary support products, such as 3D and morphing programs, low cost switchers, and other solutions. NAB has even provided an area for multimedia tools as more and more cable companies investigate the opportunities in providing more than just linear film presentations.

Video Toaster User Pavilion

The Video Toaster User Pavilion was some distance from the main show floor in is standard spot at the Hilton complex. This year's pavilion was even smaller than last year's which had been smaller than the year before. Once the rising star of this show, the Amiga was dealt a stern blow by its current status as a computer without an owner. While many Amiga producers have created new products which run on Windows systems, some diehard Amiga vendors have continued to provide products for the Amiga videophiles.

DraCo

One of the most interesting Amiga products at NAB was the DraCo emulation system from MacroSystem of Germany. MacroSystem remains one of the last hardware developers completely committed to the Amiga platform. Their DraCo was demonstrated by MacroSystem and NohaJi's from the US. The system was shown running multiple software programs in a 68060 Tower configuration. The AmigaDos system will be available this summer in a 68060 50MHz version. A 66 MHz version will be available this fall.

DraCo was designed to be a non-linear machine, yet the Amiga emulation works with all software and hardware that does not require the Amiga custom chipset. DraCo can run programs such as ADPro, MorhPlus, PageStream, ImageF/X, Imagine 3.2, Real 3D, and others. DraCo will run anything that will work on the Retina.

DraCo, being a software emulation, has difficulty working with any proprietary products that have not followed the guide lines for Amiga software. Any hardware (such as the Video Toaster) or software that works directly with the hardware of the Amiga and