

New Products

Client Server System

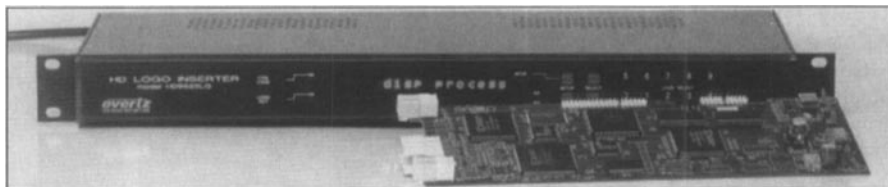
Panasonic Broadcast & Digital Systems Co. has introduced a **DVCPRO News Automation (DNA) client server system** that delivers a DVCPRO-based end-to-end system solution for news acquisition, post-production, and distribution. With DNA, the format transparently integrates into nonlinear and video server environments to complete the digital news production chain. The system is comprised of newsBYTE, the world's first nonlinear editing system with a built-in 4X DVCPRO VTR; the Silicon Graphics Origin200 GIGA channel server; the Ciprico FiberStore online disk storage system; the Panasonic AJ-D780 4X transfer DVCPRO VR; and a high-speed fiber channel network for media transfers. Within DNA, native DVCPRO files move between client and server at faster-than-real time to increase production efficiency and maintain original digital production quality. It employs ITU-R Rec. 601 digital video and 48-kHz audio interfaces with DVCPRO processing throughout.

Computer Systems and Equipment

The **MC-2098 automation computer system** from Philips Digital Video Systems Co. is designed to meet the demands of a large multichannel cable, satellite, and broadcast automation systems. It features a 233-MHz Pentium processor and 128 Mbytes of RAM and can accommodate more than 15 on-air program channels, up to eight regional feeds, and four cache channels. As many as 16 virtual terminals can be logged into the system, allowing operators to do prep work while the main automation program is running. The computer is housed in a CE-certified, high-grade industrial chassis, which provides more card slots and facilitates easier maintenance.

The company has also released the **MC-200 broadcast automation system**. The MC-200 includes a complete automation computer and machine control system in a single rack-mount CE-certified industrial chassis, and is designed for facilities that need an automation system for self-contained application. Standard software includes two on-air channels, database management, caching and dubbing capability, control of a 4-channel video server, routing and master control switcher, character generator, four VTR's, and output GPIs.

A new **CE-certified, high-grade industrial chassis** is also available from Philips. Products utilizing the new chassis include the MC-2098A, MC 2095A, MC



The Logo Inserter from Evertz Microsystems, Ltd.

900A, MMGR-III A, Mini-MMGR, and the MSL-4000.

Philips has also introduced programs running under the **QNX Operating System (OS)**. The system is highly scalable, built around a small pre-emptable kernel. Its real-time characteristics include fast boot-up, very low interrupt latencies, and guaranteed response times measured in microseconds. This modular system supports many networking protocols and provides transparent access to any process, device, or file on the network, which increases the diagnostic capabilities of the system.

DVD Authoring System

Spruce Technologies, Inc., has released a **DVD authoring system** titled DVStation. The system includes a fully-featured version of DVDMaestro, and both MPEGXpress and ACXpress encoding with built-in DVD timeline support. These encoders deliver both variable bit rate and constant bit rate MPEG-2 encoding along with MPEG and Dolby Digital audio encoding. Inputs include composite, component, and component digital video, as well as balanced and unbalanced audio and digital audio inputs.

Lamp

Lightning Strikes! has introduced the **50K SoftSun and the Enhanced Spectrum Long Arc (ESL) Lamp**. The 50K SoftSun provides broad soft output directly from the source featuring the 50K ESL lamp which resembles a fluorescent tube, and provides 5600° K daylight color temperature. This soft light system achieves a remarkable level of color rendering and light control. In addition, the ESL can be dimmed from 100% to a 1% output with no significant shift in color temperature.

Logo Inserter

The **HD95251.G HDTV Logo Inserter** from Evertz Microsystems Ltd., keys one or many static/animated "bugs" over full bandwidth HDTV program video signal. System features include fade-in and fade-out control and capability of keying multi-

ple simultaneous logos with independent fade control. It stores and inserts static or animated logos, incorporates a high quality variable transparency mixer and can store 50 1/16th screen size logos. The product consists of one RU frame with front panel control and also has an available remote control panel. A standard Windows '95 application is also included to provide full control and configuration capability.

Recorder

The **Arrilaser** digital film recorder from Arri combines reliability with superior performance in picture quality and high volume output. The film recorder uses solid-state lasers that have a longer guaranteed operating life and lower power consumption than gas lasers. The products allows 3 sec/frame recording, reducing cost per frame levels, and improving efficiency when high volumes of digital material are output to film. User-friendly features for film handling include a choice of 1,000 or 2,000-ft magazines, auto feed, a film cut-off mechanism, fast forward mode, separate storage, and take-up magazine.

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