

V-NET CAPTURES ATTENTION AND BOOSTS COMPREHENSION IN ANY TRAINING SETTING.

In just a few years, computer based training (CBT) has created an environment where learning is faster and easier than ever before. The original V-NET™ interactive training system received high marks from universities, corporations, government agencies, and other organizations throughout the world. Now, Inline's V-NET 3 makes a great idea even better:

A powerful package The heart of the CBT classroom is the V-NET system. At the touch of a button, the instructor can access dozens of powerful commands to track the progress of the entire class, share one student's work with everyone in the class, show training videos, or help students individually. Easy to learn and intuitive to use, the control unit frees the instructor to focus on students.

Flexible control options V-Net's open serial control architecture provides a range of control options. Systems operations can be controlled and monitored using the V-Net Master Control Unit, optional V-Net Control Software, or by a third-party-control system. V-Net also integrates seamlessly with media retrieval and teleconferencing systems.

Simple installation, easy expansion Each classroom workstation, video source, output device and V-NET node is connected with cables – it's that simple. No computer modifications, LAN adapters, or software drivers needed. One power supply serves systems as large as 63 nodes. Start with a few workstations and expand up to as many as 63 total nodes.

Cross-platform compatibility V-NET works with all popular computer platforms and operating systems at any video resolution.

Real time video V-NET is a *real time video network* (not a data network), so there's no waiting for images to download. In addition to sending high-resolution images from computers, V-NET can share video from VCRs, DVD / laser disc players, cameras and visualizers.

Best video integrity High system bandwidth ensures compatibility with all analog video signals - even ultra-high resolution graphic workstations. The V-NET system design benefits from Inline's many years of experience working with high resolution computer video signals, and special care has been taken to optimize video integrity throughout the system.

Maximum trainee participation The V-NET Student Button lets trainees request the attention of the instructor, and select available video. The Deluxe Student Button allows for collaborative learning between several trainees, and use of the optional intercom headsets.

Long distance learning The teaching potential of the V-NET system can extend far beyond one classroom. Using additional conversion equipment, training sessions can be recorded on videotape or connected to a teleconferencing codec for viewing by trainees in other locations.

The V-NET 3 system is designed to meet the priorities of the CBT process by enhancing the interaction between instructor and trainee. The instructor enjoys full control and flexibility, while students benefit from high-resolution video and easy access to the instructor. Packed with features and ready for the future, V-NET is the best value in computer-based training.



VIDEO



Local returns video and keyboard for selected node(s) to the local state (normal operation).

Drive lets selected node share its video.

Receive allows selected node(s) to receive video, disabling keyboard/mouse.

Blank removes video from monitors of selected node(s), disabling keyboard/mouse.

Preview sends video of selected node to instructor.

Scan lets instructor (and any selected nodes) receive video from selected nodes in succession. Intervals can be set from 1 to 99 seconds per node, while a Pause function key allows additional viewing.

AUDIO

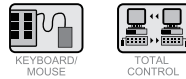


Intercom allows 2-way communication between the instructor and selected trainees, or among selected trainees.

Announcement broadcasts instructor's message to all trainees.

Aux. Audio permits sharing of stereo audio signals from sources like sound cards to support multimedia applications (an optional V-NET feature).

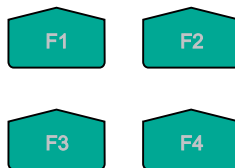
TUTOR



Keyboard/Mouse allows the keyboard/mouse of one computer to control another computer.

Total Control allows the instructor to provide individual attention at the touch of a button. The instructor can view a trainee's video while remotely controlling the keyboard/mouse. The intercom allows conversation between instructor and trainee.

FUNCTION KEYS



Four keys below the LCD display are factory programmed for one-touch access to the most common system functions:

F1 sends instructor video to all trainees.

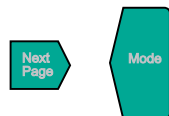
F2 blanks all trainee monitors.

F3 returns trainees to viewing their own monitors.

F4 scans sequentially through all trainee monitors.

In addition, instructors may store up to eight of their own system configurations.

FUNCTIONS



Next Page selects addition function keys.

Mode controls other source devices that may be added in the future.

NODE SELECTION



Numeric keypad is used to select nodes, menus, and functions.

Select All selects all the trainee nodes.

Range enables selection of a range of nodes.

Clear clears the entire node number.

Backspace clears individual numbers.

Instructor selects the instructor's node.

MENU



Through the Menu selections, instructors can adjust advanced options, and configure new kinds of devices as they are added to the system.

Accessible through the Menu button, the workgroup feature lets the instructor group trainees for collaborative learning sessions. Participants can work on a single assignment by sending the video from one computer to all participants. Trainees take turns controlling the keyboard/mouse, and are in voice communication via the intercom.

HELP



The icon-based design of the V-NET Control Unit makes commands intuitive. If needed, the Help button provides step-by-step prompts for system functions.

**SOPHISTICATED TECHNOLOGY
IN A STREAMLINED SYSTEM**

The V-NET Master Control Unit (VN300) offers ergonomic features like large, easy-to-read buttons and a large LCD display. The unit's control pad is angled for easy viewing.

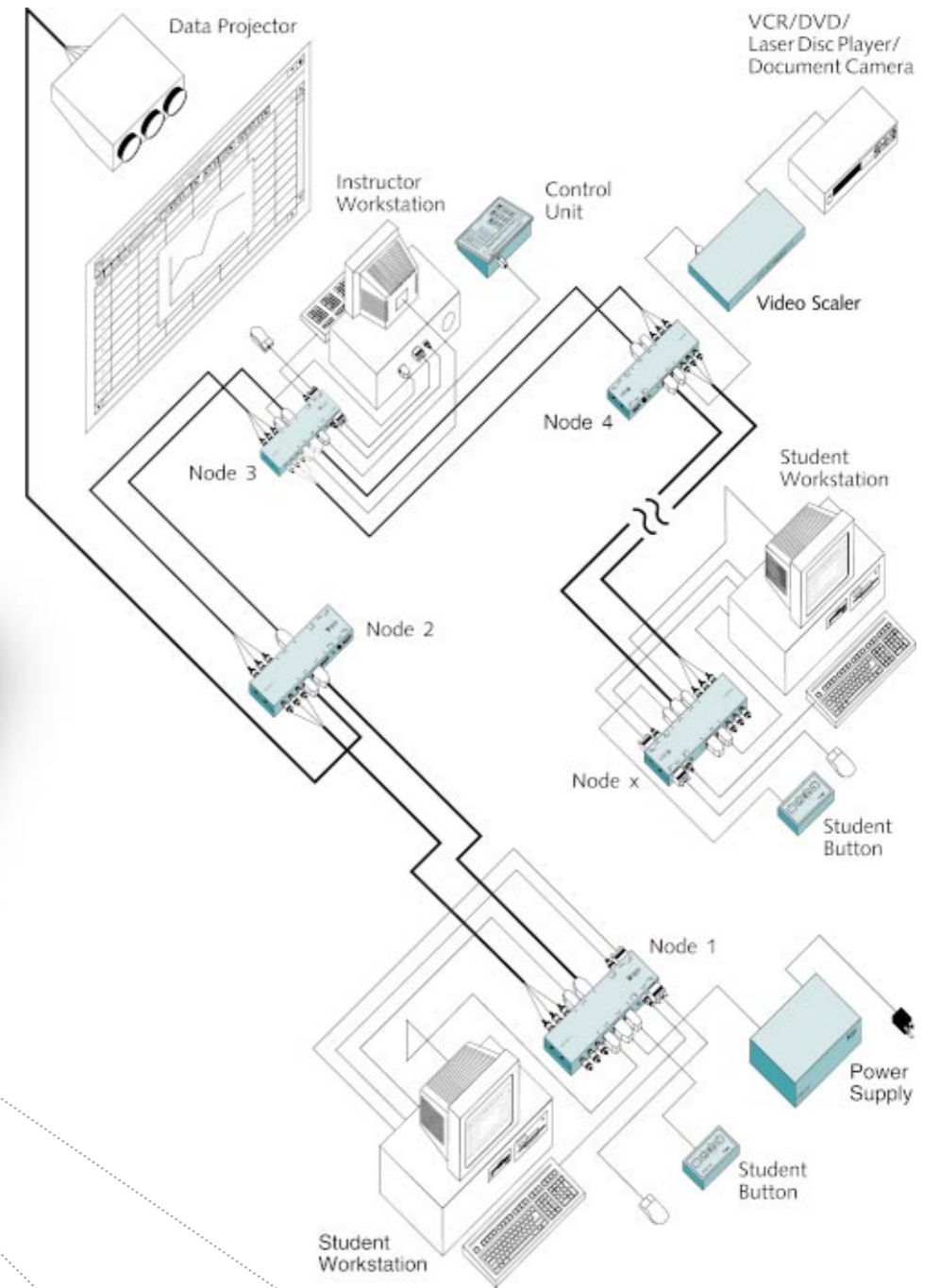
Together, the icon buttons, function keys and numeric keypad offer optimum CBT management. At the press of a button, the instructor can:

- Scan all workstations to monitor overall progress, and spot problems.
- View the work of a single student to track performance.
- Share one student's video with all monitors in the classroom.
- Respond to individual requests for help by receiving the student's video and control of the keyboard/mouse.
- Blank all screens for immediate attention.
- Speak to one or more students through the intercom (*requires optional equipment*).
- Establish collaborative learning groups (*requires optional equipment*).
- Show training videos, display multimedia presentations and route other source images (*requires optional equipment*).

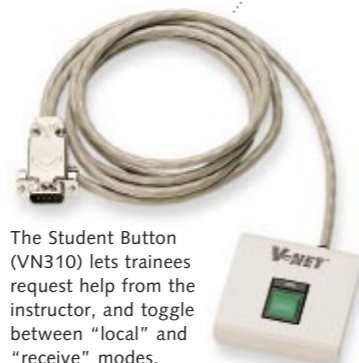
Another control option is the V-Net Control Software (VN302), which offers comprehensive control and status monitoring capabilities for V-Net systems with up to 63 nodes. This Windows® 95/98/NT compatible software is easily configured to display a graphic representation of the training room layout and can even store and display trainee names for multiple training sessions.



The V-NET Control Software (VN302).



The V-NET Node (VN100) has input/output ports for video, keyboard, mouse, audio (optional) and control signals. Nodes are simply daisy-chained together, allowing additional workstations to be added in minutes.



The Student Button (VN310) lets trainees request help from the instructor, and toggle between "local" and "receive" modes.

The Stereo Headset (VN330) lets trainees listen and speak to the instructor.



The Deluxe Student Button (VN320) allows collaborative learning sessions, and supports the optional intercom headsets for communication with the instructor or with other students.



The V-NET Power Supply (VN400) serves the entire network to increase system reliability and eliminate the need for extra A/C outlets at each workstation.

V-NET SYSTEM COMPATIBILITY:

Video:	The V-NET system supports signals with up to three analog video components and two TTL sync components. Compatible platforms include PC, MAC, SUN, SGI and many other computer video signals at virtually any resolution. Compatible signal formats include RGBHV, RGBS, RGSB, RsGsBs, NTSC/PAL/SECAM video, etc.
Keyboard:	VN230 / VN231 Support PC, PS/2, MAC ADB, and SUN Type 5 keyboards. Call for current models to support other platforms.
Mouse:	VN230 / VN231 Support PC, PS/2, MAC ADB, and SUN Type 5 mice. Identical mice on all workstations are recommended to ensure best operation when using remote mouse control.
Auxiliary Audio:	Line level

V-NET COMPONENTS:

VN100	Input / Output Node	Video Input: 15 pin HD male Video Output: 15 pin HD female Control Bus: 26 pin HD male/female Video Bus: BNC female Controller Port: 9 pin D female
VN210	Mouse / Keyboard Module - PC Serial Mouse	Mouse Input: 9 pin D male Mouse Output: 9 pin D female Keyboard Input: 5-Pin DIN female Keyboard Output: 5-Pin DIN male
VN211	Mouse / Keyboard / Audio Module - PC Serial Mouse	Mouse Input: 9 pin D male Mouse Output: 9 pin D female Keyboard Input: 5-Pin DIN female Keyboard Output: 5-Pin DIN male Audio Input / Output: 3.5 mm stereo jack
VN300	Master Control Unit	(1) VN520 Included to connect to VN100 node
VN310	Standard Student Button	Connects to VN100 node
VN320a	Deluxe Student Button	Connects to VN100 node Intercom Port: (2) 3.5 mm stereo jacks
VN330	Intercom Headset	Connects to VN320 Deluxe Student Button
VN331	Intercom Stereo Headset	Connects to VN320 Deluxe Student Button
VN400	Power Supply	Powers up to 32 nodes. Control bus: 26 pin HD female
VN420	High Current Power Supply	Powers up to 63 nodes Control Bus: 26 pin HD female

CABLING:

IN8300	V-Net control bus cables available in lengths from 3' to 100'. Control bus cabling carries control signals, sync signals, keyboard, mouse, audio and system power. Plenum rating simplifies installation and reduces costs as the cable does not need to be pulled through conduit.
IN7300 - 3	Super high resolution 3 conductor coax for video bus.
IN7200 - 3	Ultra high resolution 3 conductor coax for video bus. Maintains 200 MHz bandwidth through 100 ft. of cable.

OPTIONAL ACCESSORIES:

Video Scaler:

Allows the video signal from a VCR, DVD, laser disc, etc. to be displayed on computer monitors.

IN1402: Video Scaler
IN1403: Video Scaler
IN1404: Video Scaler

Scan Converter:

Allows a computer image to be recorded, displayed on a standard television or fed into a teleconferencing system.

IN1776QZX: VGA & MAC to Video Scan Converter
IN1700: Computer to Video Scan Converter



INLINE, INC.
22860 Savi Ranch Parkway
Yorba Linda, CA 92887

Tel (714) 921. 4100
Tel (800) 882. 7117
Fax (714) 921. 4160
www.inlineinc.com

