

Cartoons can . Families can't.
If you love your cable customers...
set them free.

 **PLAY.**

PASSPORT  **echo**™

Connecting People with Entertainment.™



With Passport Echo™ you'll keep them coming back for more.

Passport Echo is a powerful **DVR** Interactive Navigation Suite that gives your customers a sophisticated, yet easy-to-use, tool to store and manage their digital entertainment—on their terms. With a feature-rich user interface, Passport Echo can help you **maximize customer satisfaction** by giving them the **freedom** to explore your cable entertainment and sample life's pleasures at the same time.

High Resolution Graphics • Dual-Tuner Support • Platform Independent • Supports SD/HD DVR Set-tops

Call us at 818-295-6789, visit us at www.pioneerdigital.com or e-mail us at sales@pioneerdigital.com



**KEEP SUBSCRIBER'S HAPPY.
GIVE THEM THE NIGHT OFF.**



Pioneer's Voyager® 4000 HD-DVR.
Connecting People with Entertainment.™

Gain the power to offer customer's a greater wealth of digital cable entertainment even when they're not watching TV! With the Voyager 4000, you will make it easy for your customers to *watch, record and manage more* of their favorite shows and series, for viewing when they want it.

Whether it's Standard or High Definition content, the Voyager 4000 can record and store hours of your customer's programming for later viewing with DVD-like functionality— even while watching other live programming!

The Voyager 4000 HD-DVR— the innovative HD set-top solution offering customer's the freedom to enjoy your digital entertainment on their terms.



The Picture Perfect Platform for HD Digital Cable.

Pioneer, an originator in high-definition television solutions from projection to plasma displays, completes the perfect picture of digital home entertainment with the Voyager 3510HD High Definition digital cable set-top.



Based on our cutting-edge Voyager architecture, this low-cost HDTV enabled set-top offers the highest HDTV resolution available (1080i native), with the ability to decode various HDTV/digital/analog cable TV formats for maximum picture quality — every time. Sporting graphics over HD, video down conversion capabilities, and DVI connectivity with HDCP, the **Voyager 3510HD** will take your **high definition** game strategy to the next level. To find out more about Pioneer's **high definition** solutions visit www.pioneerbroadband.com or call (800) 421-6450.

Pioneer's Family of Broadband Cable Products



VOYAGER™ 3000 SERIES



COPILOT™ GATEWAY MODEM



PASSPORT™ APPLICATION SUITE



PASSPORT-DCT



WEBNOSTICS

Connecting people with entertainment.



You've spent years and millions paving the way to your customers' digital doorstep. For that, we congratulate you... Now what?

The success of your broadband system relies on more than the capacity of your build, but in what you can offer your customers on the other side of that digital doorstep. With the Voyager™ 3000 digital set-top and Passport™ (IPG) application suite, Pioneer is ready to show you not only the latest in digital cable capabilities, but the means to make digital convergence and integration a reality.

Visit Pioneer at booth #2001 at the Western Show in Anaheim, Nov. 27th-30th, or call us at 800-421-6450.

VOYAGER 3000 &
PASSPORT FEATURES



TWO-WAY
IPPV



FOUR-DIGIT
TUNING



MOVIES
ON-DEMAND



DUAL
PROCESSOR



EXPANDED
MEMORY



MULTIPLE
EXT. PORTS

THE VOYAGER™ 3000 IS TAKING DIGITAL CONVERGENCE TO A WHOLE NEW LEVEL.



HOW INTERACTIVE BECOMES INTERACTION.

Broadband convergence is now a reality with Voyager 3000, the next-generation in Pioneer's innovative Voyager line of digital cable terminals. With it, you can master the convergence trends of today and be ready for the technological demands of tomorrow. The Voyager 3000 offers a vast array of advanced performance features and functions that are engineered to bring superior digital services to your customers.

- *Dual-processor CPU with dedicated processing power for superior graphics and session-based applications*
- *Expanded memory capacity to implement a greater selection of sophisticated digital applications*
- *Four-digit tuning capability offers increased channel capacity (up to 1999 channels)*
- *Host of external ports, including USB and (optional) IEEE-1394 Firewire*

Find out how the Voyager 3000 can advance your digital convergence efforts, call Pioneer at 800-421-6450 or visit www.pioneerbroadband.com to see How Interactive Becomes Interaction.™



WWW.PIONEERBROADBAND.COM
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Pioneer

Home Sweet Home. *networked*

Wherever you go...AirGo.™



The promise of the broadband home takes another huge step forward, with the AirGo™ Wireless Gateway Cable Modem. Pioneer, a leader in broadband technology development, has designed the AirGo to meet today's consumer demand for hi-speed broadband network solutions and tiered, scalable network services. This stand-alone "three-in-one" product fully integrates a DOCSIS 1.0/1.1 cable modem with router/gateway technology and a wireless base for both wired and wireless networking functionality. With AirGo, you can take your tiered products and services anywhere you want. The skies the limit.

AirGo™ Features:

Security- 40/128-bit WEP encryption, triple DES algorithms

Connectivity- USB 1.0/1.1PC, built-in 802.11b wireless access port, RJ-45 connector 10/100BASE-T

Administration- DHCP addressing, IP packet filtering, SNMP network management support

Pioneer's broadband family of products:



VOYAGER 3000 SERIES



VOYAGER HIGH DEFINITION



PASSPORT



PASSPORT-DCT



WEBNOSTICS

25 YEARS

DEDICATION
COMMITMENT
EXCELLENCE

TO THE ALUMNI OF QUBE

We recognize and congratulate you on your twenty-fifth anniversary for the important contributions you have all made to our industry.

The cable industry has always relied on the dedication of those individuals and companies that have envisioned the future of our industry and consistently committed their efforts and resources to the realization of that vision. **Pioneer** knows first-hand about industry commitment.

25 years ago, we stood shoulder to shoulder with leaders and innovators from every segment of our industry, to develop the **Qube System**— the first truly interactive cable television solution. 25 years later, the global reach of the cable and entertainment industry stands as a beacon to human technological achievement— a testament to the dedication and hard work of Qube alumni, everywhere.

With progress and innovation as our guides, **Qube** alumni and **Pioneer** have forged a long-lasting roadmap to success and service that exemplifies the best of what the cable industry has to offer America and the world. It is our fondest wish for Qube alumni continued success and look forward to facing together, the challenges and triumphs on the road before us.



YOU DON'T GAMBLE WITH YOUR DATA STORAGE SOLUTIONS.



Superior Design and
Features make FlexLibrary
the Winning Choice:



- No tools required. "Hot swappable" drive modules designed for easy "snap-in" installation.
- Wide selection of optional drive units
- 720 disc/3.38 Terabyte storage capacity



- Self-diagnostic functions for easy maintenance
- Administrative ease with unique magazine memory ID
- No downtime, using Pioneer's fast-loading 20 disc Hypermagazine.

WITH PIONEER'S FLEXLIBRARY YOU WON'T HAVE TO.

Meet Pioneer's Innovative FlexLibrary. Created to ensure that your critical data storage environment is never at risk.

Critical data storage is just that, critical. The livelihood of your business and its data is at stake and the stakes are high — and rising. It's up to you to make winning choices in high-capacity mass storage solutions, meeting the demands of your business today and the unknown demands of tomorrow.

With Pioneer's amazing FlexLibrary, you can literally stack the deck in your favor, with the world's first DVD-R compatible, 720 disc DVD/CD-ROM Library. Based upon a "modular unit" design, the FlexLibrary gives you the power and flexibility to add or upgrade drive units as your storage or technological needs evolve.

Capable of housing 2 to 16 drives — including DVD-ROM, DVD-R or CD-R, the FlexLibrary offers unsurpassed user configurable storage schemes. Install two drives and revel in a 720 disc/3.38TB high capacity library. Install 16 drives and enjoy the speed and convenience of multiple user network access. Or install any combination in-between, because whatever the demand — FlexLibrary can deliver.

Every component in the FlexLibrary, from robotics to memory ID disc magazines, was designed and manufactured by Pioneer with the longevity of your critical data in mind. So don't take chances. Meet the needs of your business and beat the odds against typical mass storage obsolescence with FlexLibrary.



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www.pioneerusa.com



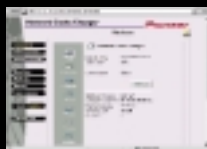
To find out more about Pioneer's amazing FlexLibrary and how it can help you, call 1-800-444-6784 extension 311. FlexLibrary™ is a trademark of Pioneer New Media Technologies. © 1999 Pioneer New Media Technologies, Inc. 2265 E. 220th Street, Long Beach, CA 90810 USA

YOU PROVIDE THE NETWORK PUZZLE



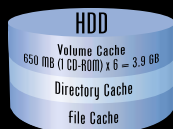
"Plug & Play" using ThinServer™

Technology: The 6NX placed anywhere on your network can be up and running in minutes. With embedded "thin" versions of popular operating systems, it provides server emulation, allowing the 6NX to function without need of a PC or server connection.



Web Administration Features:

The 6NX offers complete and secure system control of your network via the web. With this network-independent management tool, remote network configuration, installation, device access and control, are just a browser away.



Pioneer's Innovative NAS-Device:

With an internal hard disk drive, and three-cache structure, the 6NX offers up to 8 discs online + 6 disc nearline access. Add to this Pioneer's patented six-disc magazine for easier data management, and you have quicker integration, access and retrieval of data.

WE'LL PROVIDE THE MISSING TECHNOLOGICAL INNOVATION.



**PIONEER 6NX CD-ROM
Network Cache Changer**

The Pioneer 6-Disc CD-ROM Network Cache Changer. The Network-Attached Storage Device Solution you've been looking for.

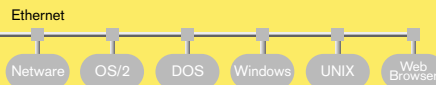
Server downtime, costly storage expansion, complicated integration—just some of the problems IS/IT managers face in the day-to-day struggle with their networks. It's in response to these pressures that Pioneer, adopting Network-Attached Storage technology, created the DRM-6NX CD-ROM Network Cache Changer.

NAS devices are a new breed of network-adaptive storage technology, specifically created to ease the burden on your network and servers by hosting large volumes of data across your network, regardless of configuration or complexity.

The 6NX using ThinServer™ Technology, enables faster and easier multi-platform access to the data your users need. As a result, this frees up your network servers and hosts to perform network tasks at peak efficiency.

Seems like an easy solution, right? That's because the principle concept behind NAS devices is easy. Easy to install, to configure, to use, to administrate, to access, to expand. Just plain easy.

**2000
YEAR
COMPLIANT**



Simple connectivity using any mainstream OS w/o a PC or file server.



To find out how Pioneer and NAS Devices can help you, call 1-800-444-6784 extension 46.

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www.pioneerusa.com

PRESENTING THE CHANGING FACE OF BUSINESS PRESENTATION.



Pioneer's unique PDP-502MX 50" Plasma Video Display. Versatility and functionality for any business environment or application.



Built with today's and tomorrow's business demands in mind, Pioneer's 502MX Plasma video display is the presentation tool you want to help present your ideas, your work, your business, with maximum impact. As thin as a picture frame (*less than 4" deep*) and as easy to mount, the 502MX has the power and versatility to handle any presentation application you may need. Video conferencing in ambient light, PC presentations, watching NTSC or HDTV video – even optional touch-screen capabilities are all possible with this True XGA resolution display. With its 50" diagonal screen design the 502MX offers an amazing 160° viewing field. Its sleek, light-weight design makes this display the perfect choice for any size meeting space and is sure to impress with dynamic color and picture clarity. So in your next presentation, be sure to make a big impression that will last with Pioneer Plasma video displays.



TELECONFERENCING



VIDEO - NTSC, HDTV



PC PRESENTATIONS

Visit us at **Infocomm 2000** in Anaheim, CA **booth #2365** to learn more on how Pioneer can help you make that lasting impression, or call us today toll free at **800-926-4329** to receive a free booklet on Plasma Technology and its many applications for your business needs.

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Pioneer Video Displays make Environments with Impact.

Whatever the installation or application, Pioneer's professional video display products give you the range and unbridled freedom to create the visually stunning space — only you can conceive of.

Our light-weight, slim profile 50" and 40" Plasma video displays offer a variety of mounting options and dynamic 160° viewing ranges. If your need is for larger-than-life presentation, our multi-projection Video Cube system offers amazing color and brilliance with half the footprint of conventional projection systems.

Whether you envision the need for in-store or storefront displays, updateable signage or traffic-grabbing kiosks, Pioneer's family of innovative video products offer the versatility and flexibility to create the right image, everytime. To learn more about Pioneer's family of innovative video display products, call us toll free at 800-926-4329 or visit our website at www.pioneerusa.com.



502MX 50" Plasma Display



PDP-V402 40" Panel



RM-V2550U

Pioneer

www.pioneerusa.com

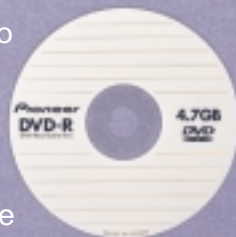
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THE NEW
4.7 GB
DVD-R IS HERE.



START WITH AN UNFAIR ADVANTAGE.

Your customary place out front is secure with the **new** Pioneer DVD Recordable Drive. Whatever your data storage requirements are—video, imaging, graphics, etc.—Pioneer's DVD-R is an affordable way to record **4.7GB** discs compatible with DVD-ROM drives and DVD-Video players. And with its increased capacity, you have even more flexibility in the format that has become the high capacity standard. Pioneer. The unfair advantage is yours.



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1-800-444-6784

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