

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

© 2003 Pioneer Digital Technologies, Inc., Burbank, California

Home Sweet Home. *networked*



Wherever you go...AirGo.™



The promise of the broadband home takes another huge step forward, with Pioneer's Wireless Gateway Cable Modem. Pioneer, a leader in broadband technology development, has designed the BT-M800W to meet today's consumer demand for hi-speed broadband solutions— a perfect product for tiered, scalable network services. This stand-alone "three-in-one" product fully integrates a DOCSIS 1.0 (certified) and 1.1 (hardware ready) cable modem with router/gateway technology and a wireless base station for both wired and wireless networking functionality. With Pioneer's BT-M800W you can give your customers the freedom they demand.

BT-M800W Features:

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

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

Network Management- DHCP addressing, IP packet filtering, SNMP, remote firmware and download upgrade capability

Pioneer's broadband family of products:



VOYAGER™ 3000 SERIES



HIGH DEFINITION SET-TOPS



PASSPORT™



PASSPORT-DCT



WEBNOSTICS



The Picture Perfect Platform for HD Digital Cable.

Pioneer, an innovator 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 price competitive HDTV enabled set-top offers the highest HDTV resolution available (1080i native), with the ability to decode various HD/digital/analog cable TV formats for maximum picture quality — every time. The Voyager 3510HD features:

Graphics over HD • Video up/down conversion • Aspect ratio controls • DVI connectivity with HDCP

To find out more about Pioneer's HD solutions call (800) 421-6450 or visit us at www.pioneerbroadband.com

Pioneer's Family of
Broadband Cable Products



VOYAGER™ 3000 SERIES



PASSPORT™ APPLICATION SUITE



PASSPORT-DCT



WEBNOSTICS

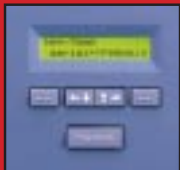
YOU DON'T GAMBLE WITH YOUR DATA STORAGE SOLUTIONS.



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.



FlexLibrary

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.



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

Pioneer

www.pioneerusa.com

the **INSIDE** scoop

ALIENS ABDUCT FUJIFILM DLTtapeTM!

Fujifilm makes next generation products possible. Even for interstellar travellers.

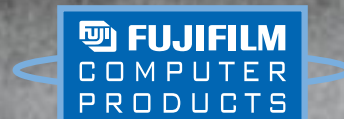
What could aliens possibly want with FUJIFILM DLTapeTMIV? It must be the revolutionary ATOMM Dual-Coating Technology inside.

When we invented ATOMM (Advanced super Thin-layer and high-Output Metal Media) we made possible revolutionary next generation products such as DLTapeTMIV, DDS 3, DDS 4, ZipTM and the 200MB floppy, HiFDTM. Never before has our world seen such a dramatic increase in data storage capacities.

To get the inside scoop on FUJIFILM products, call us at 1-800-488-FUJI. See why our storage media is attracting universal attention.

VISIT FUJIFILM AT BOOTH #106 AND TAKE HOME AN ALIEN. (WHILE SUPPLIES LAST)

**MADE BY
POSSIBLE
FUJIFILM**
ZIP • DLTapeIV • DDS-4 • HiFD

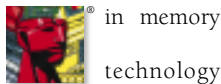


WHERE THE FUTURE'S STORED.TM

© 1998 Fuji Photo Film U.S.A., Inc. ZipTM is a trademark of Iomega Corporation. DLTapeTM is a trademark of Quantum. HiFDTM is a trademark of Sony. Where the future's stored is a trademark of Fuji Photo Film U.S.A., Inc.

WHY YOU SHOULD LOOK BENEATH THE SURFACE WHEN YOU BUY SDRAM.

A NEW STANDARD



in memory technology has emerged. Now, thanks to SDRAM (Synchronous DRAM), you can harness all the power of today's high-performance processors. But take



heed: SDRAM can be complex. So choosing the right brand of memory has never been more critical. As the speed of SDRAM moves from 66MHz to 100MHz, timing becomes a major factor. In fact, SDRAM is so precise that errors as small as a nanosecond can lead to undetected data

corruption. That's why Kingston® imposes stringent design controls to ensure synchronous timing. For example, these controls include trace length, width, angle, and other vital characteristics. The same high standards must be applied to SDRAM components. Using low-quality chips can lead to memory failure. And low-quality PC boards can compromise timing and signal integrity. Kingston however, insists on only

the best components from the world's premium brand suppliers. So call your preferred Kingston reseller at (800) 337-8420. Or go to www.kingston.com/SDRAM for the SDRAM White Paper. We'll help you steer clear of any hidden obstacles.



Kingston®

TECHNOLOGY

COMPUTING WITHOUT LIMITS.™



Kingston Technology Company, 17600 Newhope Street, Fountain Valley, CA 92708 USA, (714) 435-2600, Fax (714) 435-2699. © 1998 Kingston Technology Company. All rights reserved. Computing Without Limits is a trademark of Kingston Technology Company. All other trademarks and registered trademarks are the property of their respective owners.

There's only one reason why two companies

www.nt



would join forces to create an IP provider this big.

Volume.



ONE WORLD. ONE VISION. ONE GLOBAL IP.

The world's largest telecommunications giant has joined forces with the world's largest web hosting company to offer you the largest single AS Global Tier 1 IPBB Network. With the scalable services, support, and streamlined solutions to get your company and your business on the global fast track. Call us at 1-800-123-4567 or visit our website to find out for yourself how NTT & Verio can help you expand your sphere of influence.



“Remember, in the arena of global business...



This can be the beginning of your company
or the end of it.”

THINK GLOBAL IP. THINK NTT/VERIO.

The world's largest telecommunications giant has joined forces with the world's largest web hosting company to bring you the largest single AS Global Tier 1 IPBB Network, anywhere. We offer the scalable services, support, and streamlined solutions to get your company and your business on the global fast track. Call 1-800-123-4567 or visit our website to find out for yourself how NTT/Verio can help you expand your sphere of influence.

