ServStation™

Direct network attached CD/DVD Server

Ideal for storing and sharing any combination up to <u>4,000 CDs or 1,000 DVDs</u>

Disc caching enables <u>fast access</u> to the same CD/DVD image by multiple users – simultaneously

<u>Supports Blu-Ray Drives</u>

The ServStation is PrimeArray's entry-level direct network attach CD/DVD server. It allows an organization to easily share large CD/DVD libraries over their network by hard disc caching. No more time wasted looking for borrowed discs or replacing those lost or damaged.

Key Features:
- Easy to install, access and manage CD/DVD library
- Users get instant access to important CD/DVD based data
- Intel Core2 Duo processor - Long Life Cycle & Low Power
- Web browser based administration interface
- Remote disc loading
- Automated data archiving to read-only CD/DVD image
- Active Directory Compatible
- High performance, dual 10/100/1000 gigabit NIC
- Broad network environment and protocol support
- iSCSI Target Support
- Raid 0, 1 and JBOD capability
- Real time virus checking
- UPS Support
- Client licenses not required
- Flash Upgradeable firmware
- Rack or tower custom configurations

Optimized for CD-ROM and DVD-ROM Sharing
PrimeArray's ServStation offers tremendous value to those who need to store small or large CD/DVD libraries on their network. Powered by a high performance hardware engine running on a streamlined Linux-based kernel, the ServStation provides maximum operational efficiency and reliability. You can add, delete or replace CD/DVD's on the system faster, easier and less expensively than putting those discs on a general-purpose file server.

Value of Hard Disc Drive Caching
By imaging the CD/DVDs to a hard disc drive, the system can hold many more titles, support more users, enable multiple discs to be accessed simultaneously, and provide faster access. CD/DVD Towers or Jukeboxes cannot approach this level of service or value. The system automatically saves an exact ISO image of the disc, then creates a folder for the contents and shares those out to users on the network.

To learn more, call 1-800-433-5133
or visit www.primearray.com

PrimeArray
Systems, Inc.

Ease of Use

There is no easier way to share CD or DVD discs. Simply connect the ServStation to your network and enter the system's IP address. Insert a CD/DVD into an unoccupied reader drive and the disc image will be automatically loaded and stored onto the large internal hard-disc drives in minutes.

Familiar User Interface

The information that users need is centrally located at their fingertips and accessible in ways they are already familiar with, such as a share viewable via Network Neighborhood or as a mapped drive off their desktop. No need to go searching for elusive CDs and no additional training is required.

Automated CD/DVD Data Archiving

Configure your ServStation with one or two DVD writers and simply send or drag files to the ServStation's hard drive which can then be backed up to a CD/DVD. When a directory reaches a certain size the ServStation can be easily configured to archive the data to a CD/DVD.

Server Independent / Locate Anywhere

The ServStation attaches directly to the Ethernet network. It doesn't require a server to host it as SCSI attach towers would. You save by either freeing up an existing server or avoiding having to purchase a server and server network license. Place it near to the users who have CDs or DVDs they need to share. It doesn't have to be located next to a server in a computer room.

Remote Administration

All CD/DVD management, security and network settings can be modified remotely from anywhere on the network using a secure web based interface. Updates are quickly posted for all to use and discs can be uploaded remotely from user PCs.

Security

Security is designed into the system from the ground up. Access to any disc, group of discs, data folder or file can be controlled precisely as well as the number of simultaneous users of a CD/DVD (for license conformity). Manage user accounts locally or through Microsoft Active Directory – which means no duplicated efforts creating users and groups for the ServStation. Other authentication features include NT Domain Authentication (PDC) and Unix Network Information Services (NIS).

Dual Gigabit Network Interfaces

Every ServStation system comes with two 10/100/1000 Ethernet network interfaces. These can be teamed to boost throughput if connected to the same LAN. One interface can be used as a fail-over for the other, giving higher reliability. Or each connection could go to a different LAN allowing the same discs to be shared between two groups.

RAID 0, 1 or JBOD Configuration

The ServStation comes with the ability to configure its multiple hard drive systems with a RAID 0 or 1 array. RAID 0 increases data access speed and enables the creation of a maximum sized data volume. RAID 1 mirrors one hard drive disc to another for data protection in the case of a drive failure. In the unlikely event of a hard drive failure, RAID 1 data is protected and the manpower invested in building your digital library is preserved.

SmartSync Remote Data Synchronization

The ServStation includes built-in synchronization support for server-to-server mirroring, distribution, and tapeless backup. The SmartSync Backup improves backup speed by only transferring the modified data blocks, instead of whole files. At the same time, it always builds full backups online and keeps them online, making it easy for data restoration.

Vertical Markets

Advertising & Graphic Arts
Aircraft
Automotive
Architecture
Education
Financial Services
Healthcare
Libraries
Legal / Courts
Manufacturing
Military
Software Development
Tax / Accounting

CD/DVD Applications

Archiving / Historical Data
Digital Media
Electronic Manuals
Fedlog
Legal Regulation and Statute Updates
Medical Records, X-rays, MRIs
PowerPoint Presentations
Software Programs
Tax Law Changes
Technet & MSDN
Training Materials
Videos

Enclosures

Configuration	Dimensions (HxWxD)	Power Supply	Shipping Weight
Desktop Mini-Tower	10.5" x 7.5" x 18.0"	350 Watts 115/230v AC	30 pounds
4U Rack	7.0" x 19.0" x 19.0"	400 Watts 115/230v AC	50 to 80 pounds

Bundled software

eMulateCD - Drive Emulation Software

A bundled software utility is included to provide drive emulation - allowing CDs on the network to appear as if they are in the user's local reader.   Some CD/DVDs will not work unless they are physically in the local CD/DVD drive, but this utility creates a virtual drive on the user's workstation even though the disc image resides on the ServStation.

eContent – CD/DVD Library Management

The eContent Manager categorizes and manages CD/DVD titles while the eContent Client easily accesses these titles as if they were in a local CD/DVD drive.

NAStart

Software for quick setup, remote discovery and remote loading of CD/DVDs.

Pricing

The PrimeArray ServStation is competitively priced and delivers great value. As every system is configured to meet the customer's requirements, the price varies depending on the configuration. Please contact us to receive a prompt price quote.

Warranty and Support

1 year parts and labor
Free downloadable firmware upgrades
Telephone and email technical support
Extended warranty and service plans available

To learn more, call 1-800-433-5133
or visit www.primearray.com

PrimeArray
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Specifications

Storage

Hard Drives: Up to 2 SATA hard drives – 16 TB
total capacity

Hard Drive Sizes: 160gb to 10TB

Optical Drives: 1 or 2 DVD ROM or DVD-R/RW
Blu-Ray ROM or RW

RAID Capability

RAID Level 0, 1 and JBOD

CD/DVD

CD Capacity: 4,000 images
DVD Capacity: 1,000 images
Formats: ISO-9660, Joliet, Rock-Ridge, High
Sierra, HDF, UDF, VCD, Hybrid, Multi-Session, Mixed Mode.
Audio CDs not supported.

Dual Network Interface

Dual 10/100/1000Mbps Ethernet interfaces that can be
configured in any of four methods:

- Stand Alone
- Fault Tolerance
- Load Balancing
- Link Aggregation

Network Operating Systems

Windows 95/98/ME/XP/NT/2000/2003/2007/Vista/7/10
UNIX/Linux.

Network Protocols

TCP/IP, ISCSI Target
HTTP, CIFS/SMB, NFS v3, FTP
BOOTP, RARP, DHCP, DNS; WINS; SMTP, SNMP;
NTP; SSL

System Administration

- LCD Console Display
- Performs shutdowns, restarts, and resets
- Web based interface with user-friendly wizards for remote CD mirroring.
- Remotely uploads CDs or DVDs
- Remote software updates
- Automatic CD/DVD replacement
- Data archiving of CD Images to CD/DVDs
- Upload CD or DVD images to be burned immediately or by pre-defined schedule.
- Monitors all on-going and scheduled tasks.
- Status monitoring options including email alerts, audible alarms, LCD console messages
- Environmental monitoring for CPU/System temperature, voltage and CPU fan status.
- Supports UPS with smart signaling

Security

- Microsoft Active Directory and Unix NIS
- File/folder share-level security
- User/group permissions
- Supports access control lists
- SSL 128 bit encryption

Language Support

- Web Pages: English, "Traditional Chinese", "Simple Chinese", Japanese, Hebrew and Arabic. Unicode Code-pages: English, Western European, Arabic and Hebrew, CJK DBCS.

About PrimeArray

Based in Burlington, Massachusetts, PrimeArray Systems, Inc. has long been the leader in developing and manufacturing cost effective network storage devices (CD/DVD Servers and Towers, and Network Attach Storage devices). Reliable and simple to use, PrimeArray's family of storage products have proven themselves in a multitude of applications across the globe for large and small corporate and government organizations.

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