SmartCD™ for Access

SmartCD™ for Integrated Recording and Access

Platforms:
NFS Server
Sun-Solaris
HP-UX
IBM-AIX

Looking for Software to Record and Access CDs in a UNIX Environment?

Want to embed integrated recording and access directly into your application?

The Smart Solution for UNIX

SmartCD™ offers you a comprehensive suite of UNIX products for recording and accessing data in CD Recordable jukeboxes. For recording/access applications, SmartCD runs directly on a UNIX workstation, providing recording and access capabilities to any client attached to the network. For access only applications, SmartCD is also available as a dedicated, high performance NFS server. All versions of SmartCD are ideal for archival storage because they make data accessible through a single mount point. All SmartCD versions also include data caching, which provides outstanding performance for storage applications.

Native Solution

Because SmartCD attaches directly to the UNIX server, any client attached to the network can access the SmartCD storage structure. There's no need for clients to load proprietary software. SmartCD servers simply present an aggregated directory structure of all CDs as a single UNIX volume. With SmartCD, there are no cryptic commands to learn -- administrators can employ all the features of the native operating system administration, security, and access control.

Scalable Storage

Whether you need to record or access a few CDs or hundreds, SmartCD's caching, simultaneous recording, and file based access ensure the same performance for all users. Support for all CD Recordable jukeboxes, CD towers, and mini changers means the storage structure can grow as your business grows. And unlike WORM or MO, CD technology is completely standards based, allowing for future hardware and operating system diversity.

APIs for Integration

SmartCD offers an API toolkit to enable independent software vendors and systems integrators to embed CD Recordable jukeboxes into their storage hierarchy. Toolkits provide a comprehensive interface to all the administrative, recording, and access functionality of SmartCD, making it ideal for anyone who wants to incorporate a turnkey CD storage solution.Supports Windows 3.11, Windows 95 and Windows NT workstations.

Something for Everybody

SmartCD is available as a native solution for Sun-Solaris, HP-UX, and IBM-AIX. For all other UNIX versions, SmartCD can be installed on a dedicated NFS server. All products provide comprehensive device support and high performance caching, which optimize system performance, particularly for large jukebox configurations.

SMART STORAGE
The Gold Standard in CD Software

SmartCD for recording and access UNIX Version	SmartCD for access NFS Server Version

Features

Server

- Versions available for HP-UX, IBM-AIX, and Sun-Solaris, presenting all data as an exportable read-only NFS file system
- Supports any client that can access the workstation
- Supports ISO 9660 and Rockridge CD formats, as well as PhotoCD
- Simple motif user interface for system administration
- Supports all popular CD-Recordable jukeboxes
- Intuitive scheduling module for CD recording
- Provides multi tiered caching for optimum performance, particularly for jukeboxes
- Supports standard UNIX commands for security and access control
- Complete API for integration with other applications

Client

- Supports ISO 9660 and Rock Ridge standards for PC and UNIX applications
- Provides intuitive motif interface with a content window and toolbars for defining and creating CD ROMs
- Command line operation for easy integration with other applications

System Requirements

- HP-UX 700 series computer running HP-UX v. 10.01
- IBM-AIX RS/6000 Powerstation (PowerPC not currently supported) running IBM-AIX v. 4.1.4
- Sun-Solaris SPARCstation or Ultra running Solaris v. 2.3, 2.4, or 2.5
- One or more SCSI host adapters for connecting storage peripherals
- One dedicated partition for SmartCD caching
- One hard disk for recording feature
- 100 MB of available hard disk per file system

Features

Server

- Runs on a dedicated server, presenting all data as a mountable UNIX volume
- Supports NFS clients, including PC, Macintosh, and UNIX
- Supports ISO 9660 and Rock Ridge CD formats, as well as PhotoCD
- Provides multi tiered caching for optimum performance, particularly for jukeboxes
- Supports all popular CD jukeboxes
- Administrators can apply native security and access control.

System Requirements

- Dedicated 80386 PC, or faster, running DOS 5.0, or higher, with 8 MB RAM minimum
- One network adapter supported by Clarkson drivers
- One ASPI compatible SCSI host adapter for connected storage peripherals
- System Requirements

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