

SmartCD®
for Access

Platforms:
Windows NT
Novell NetWare

High-Speed Access to Unlimited Data on CD



Looking for an easy, economical way to access CDs over a network?

Do you need to give clients access to a CD tower, mini-changer or jukebox?

Need a CD storage solution for Windows NT or NetWare environments?

SmartCD for Access

SmartCD provides high-performance, seamless access to both large and small collections of CDs for Windows NT and Novell NetWare environments. The software runs directly on Windows NT or NetWare to provide native file access to all SCSI CD-ROM readers, towers, mini-changers, and many popular jukeboxes. Sophisticated, flexible caching accelerates access to all leading CD storage devices. Because there are no TSRs (Terminate and Stay Resident programs) or proprietary hardware, the product is completely scalable as your needs grow. The unique patented file system binds the directories of all CDs in all storage devices into a single, unified directory structure for archival applications, shows each CD as a sub-directory for imaging and COLD applications, or presents each CD as an icon on the desktop for published CD applications. With its multi-tasking architecture, SmartCD is a complete software solution for managing all types of CD-based information.

Simple Administration

Because SmartCD is a native solution, any client attached to Windows NT or NetWare can access the SmartCD storage structure. There's no need for TSRs or proprietary hardware. Administrators can employ all the inherent features of the network operating system for security and access control. With SmartCD, there are no cryptic commands to learn.

Perfect for Any Application

Whether you need access to a few CDs that you purchased or terabytes of internally created information, SmartCD is your solution. SmartCD includes a caching system designed specifically for CD storage, and integrates tightly with operating-system caching. The result is unparalleled performance for workgroups, large or small.

SmartCD Application Manager

SmartCD includes a graphical application manager that provides clients with an easy-to-use catalog of your CD collection. The application manager offers these features:

- Supports Windows 3.11, Windows 95, and Windows NT workstations.
- Automatically distributes applications to users' desktops.
- Application grouping for simple administration and access control.
- Enables support of multi-volume CD-ROM sets with command line operation.
- Seamless application support for towers and jukeboxes.

Flexible Access

SmartCD gives users file-based access to CD-Rs or icon-based access to CD-ROM applications. An administrative control module lets the system administrator create groups for all icon-based applications in the system. Users see only the CDs they have access to when they use the workstation application manager.

SMART STORAGE
The Gold Standard in CD Software



Sophisticated Caching

SmartCD provides several levels of caching to optimize performance in multi-user and jukebox environments.

Directory caching creates a bound directory that resides on hard disk to minimize repeated access to CDs.

Data caching moves requests for data to RAM and magnetic storage so that subsequent requests for previously located data are retrieved rapidly. **Read-ahead caching** anticipates that adjacent information will soon be requested and moves it to hard disk so that the upcoming request can be fulfilled quickly, freeing valuable CD readers to retrieve subsequent requests. **Swap-delay caching** allows administrators to lock CDs in drives, providing optimal throughput for applications using very large files.

SmartCD for access Windows NT version

Features

- Runs directly on an NT workstation or server v. 3.51 or 4.0 to present all data as a CDFS (CD File System) volume.
- Supports all platforms that can access a CDFS volume, including PC, Macintosh, and UNIX.
- SmartCD application manager provides icon-based access to CDs from all Windows desktops.
- Standard Windows NT security to control access to files and applications.
- Flexible caching provides system, device, and slot-based caching for optimal performance.
- Auto-configure utility makes setup a snap.

CD Standards Supported

- ISO 9660 Level 1 support for running all standard ISO applications.
- ISO 9660 Level 3 support for running Windows 95 and Windows NT applications with 32-character filenames.
- PhotoCD Support.

System Requirements

- Pentium Windows NT server or workstation v. 3.51 or 4.0 with 32 MB RAM (64 MB or more recommended) and 500 MB hard disk space available.
- One NT-compatible SCSI adapter.

SmartCD for access Novell NetWare version

Features

- Runs directly on a Novell NetWare 3.12 or 4.1 file server to present all data as a standard NetWare volume.
- Supports all PCs and Macintoshes running NetWare, including resource forks for Macintosh clients.
- SmartCD application manager provides icon-based access to CDs from all Windows desktops.
- Standard Novell security for controlling access to all files and applications.

CD Standards Supported

- ISO 9660 Level 1 support for running standard ISO applications.
- ISO 9660 Level 1 support with Macintosh resource forks.
- ISO 9660 Level 3 support for running Windows 95 and Windows NT applications with 32-character filenames.
- PhotoCD support.

System Requirements

- Novell NetWare 3.12 or 4.1 server with 64 MB RAM and one PCI or EISA ASPI-compatible SCSI adapter.
- One dedicated 1 GB SCSI NetWare volume for SmartCD.

Authorized Smart Storage Reseller:

Smart Storage Inc. 100 Burt Road Andover, MA 01810 Tel: 508/623-3300 Fax: 508/623-3310 Email: sales@smartstorage.com	Smart Storage GmbH Hohenzollertring 84 50672 Cologne, Germany Tel: 49-221-1602-5187 49-221-1602-5188 Fax: 49-221-1602-5189
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World Wide Web: <http://www.smartstorage.com>

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