

**SmartCD®**  
for Integrated  
Recording  
and Access

Platforms:  
**Windows NT**  
**Novell NetWare**

## *Looking for the Ability to Archive and Access Information in a CD-Recordable Jukebox?*



*Need to store and access data on CD in a Windows NT or NetWare environment?*

*Want to embed network CD recording and access directly into your application?*

*Tired of proprietary and costly WORM or MO storage?*

### **Step up to SmartCD for Recording and Access**

SmartCD provides integrated, seamless recording and access to CDs in CD-Recordable jukeboxes — technology so powerful it was named a 1996 Product of the Year by *Imaging Magazine*. Running on a Windows NT or Novell NetWare server, SmartCD provides simultaneous file access and recording capabilities to any client attached to the network. Especially suited for archival storage applications, SmartCD creates a patented, unified directory structure across CDs or a separate subdirectory for each CD. Sophisticated, flexible caching provides high-performance access to CDs in the CD-Recordable jukebox. While accessing data from the CD-Recordable jukebox, users can drag and drop files and directories from Windows 3.11, Windows 95, and Windows NT to create CDs.

### **Straightforward Administration**

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

### **Scalable Storage**

Whether your access and recording needs are for a few CDs or hundreds, SmartCD's caching, file-based access and simultaneous recording 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 is completely standards-based, allowing for future hardware and operating system support.

### **APIs for Integration**

SmartCD provides an API toolkit to enable independent software vendors and systems integrators to embed CD-Recordable jukeboxes into their storage hierarchy. The various toolkits provide different levels of recording and access functionality, from basic device-driver control to a full file-system approach, depending upon the requirements of the application.

### **Simultaneous Recording and Access**

After data is recorded to a CD in the jukebox, SmartCD dynamically adds the CD to the file system for immediate access. Configurable read-ahead caching minimizes jukebox thrashing, providing high-performance access with concurrent recording.

**SMART STORAGE**  
The Gold Standard in CD Software



**SmartCD for recording and access  
Windows NT version**

**Server**

- Runs directly on a Windows NT workstation or server v. 3.51 or 4.0 to present all data as a CDFS (CD File System) volume.
- Supports any client that can access a CDFS volume, including PC, Macintosh, and UNIX.
- Flexible, custom caching.
- Supports access to ISO 9660 Level 1 and 3 CD-ROMs, as well as PhotoCD.
- Fully integrated read/write solution offers "lights-out" CD recording.
- Supports all popular CD-Recordable jukeboxes.
- SmartCD application manager provides icon-based access to CDs from all Windows desktops.
- Standard Windows NT security to control access to files and applications.
- Complete API for application integration.
- Automatic device configuration.

**Client**

- SmartCD Windows client pack includes recording for Windows 3.11 (16-bit), Windows 95 (32-bit), and Windows NT (32-bit).
- 100% ISO compatible for creation of CDs.
- Support for ISO 9660 Levels 1 and 3 to support Windows 95 and Windows NT applications with 32-character filenames.
- Provides a simple graphical user interface for defining and creating CD-ROMs that includes an intuitive content window and toolbars.
- CD-R creation includes job name for unique identification of every CD.
- Command line operation for easy integration with other applications.

**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.
- Two NT-compatible SCSI adapters; one dedicated for SmartCD.
- One dedicated 1 GB SCSI hard disk for SmartCD.

**SmartCD for recording and access  
Novell NetWare version**

**Server**

- 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.
- Supports access to ISO 9660 Level 1 and 3 CD-ROMs, as well as PhotoCD.
- Provides multi-tiered caching for high performance, particularly for jukeboxes.
- Fully integrated read/write solution provides "lights-out" CD recording.
- Supports all popular CD-Recordable jukeboxes.
- SmartCD application manager provides icon-based access to CDs from all Windows desktops.
- Standard NetWare security to control access to files and applications.

**Client**

- SmartCD Windows client pack includes recording for Windows 3.11 (16-bit), Windows 95 (32-bit), and Windows NT (32-bit).
- 100% ISO compatible for creation of CDs.
- Support for ISO 9660 Levels 1 and 3 to support Windows 95 and Windows NT applications with 32-character filenames.
- Provides a simple graphical user interface for defining and creating CD-ROMs that includes an intuitive content window and toolbars.
- CD-R creation includes job name for unique identification of every CD.
- Command line operation for easy integration with other applications.

**System Requirements**

- Novell NetWare 3.12 or 4.1 server with 64 MB RAM and two PCI or EISA ASPI-compatible SCSI adapters.
- Two dedicated 1 GB SCSI NetWare volumes for SmartCD.

**Authorized Smart Storage Reseller:**

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The Gold Standard in CD Software

