DVD Studio+

DVD-R/CD-R RECORDING SYSTEM FOR UNIX

DVD Studio+ places the power of Unix-based DVD and CD recording in your hands. DVD Studio uses Young Minds' independent controller architecture to manage the recording process. The independent controller offloads recording tasks from your host computer and as a result, recording consumes only minimal host resources.

Key applications include:

- Archiving and distributing large data sets
- Developing and testing CD-ROM and DVD-ROM applications prior to replication
- Developing and testing multimedia content
- Archiving video and audio files

DVD Studio+ can record both DVD-R and CD-R discs.

DVD-R Capacity and Compatibility

With 4.7 GB capacity per single-sided disc, DVD-R holds more data than any other non-proprietary optical disc format – up to seven times more than CD-R.

DVD-R is the *only* storage technology that was designed with true DVD-ROM compatibility in mind. You can use any DVD-ROM drive to read back the discs you record with DVD Studio+.

DVD-R is both durable and non-erasable, making it the only high capacity optical disc technology that can be relied on for archiving data in legal, medical, and mission-critical applications.

DVD Studio+ provides unmatched file-system compatibility features – including ISO 9660, Rock Ridge, and Joliet. In addition, DVD Studio allows you to preserve native file system attributes (for example, POSIX). The discs you create with DVD Studio+ can be read on virtually any computer with a DVD-ROM drive; CD discs can be read back on CD-ROM or DVD-ROM drives.

Recording Reliability

The unique controller design of DVD Studio+ provides important benefits during the critical process of recording a DVD-R disc. The DVD Studio controller optimizes the DVD recording, first by building a

---

Features and Benefits:

Capacity – Many data archival and distribution applications are growing beyond the 700MB limit of CD-R. DVD Studio+ lets you record nearly seven CD's worth of data on one disc.

CD-R Capability – For smaller datasets, just place a CD-R disc in the drive. DVD Studio+ automatically recognizes the CD-R media and records it as a CD disc instead of as a DVD.

Compatibility – The discs you record with DVD Studio+ conform to ISO specs and can be read back on any DVD-ROM drive; CDs can be read back on any CD-ROM or DVD-ROM drive. This ensures near-universal read-back capability and ensures that your data will always be retrievable.

Portability – DVD Studio+ connects to most Unix workstations/servers and OS implementations, including Solaris, AIX, HP-UX, Tru64, and IRIX. DVD Studio even runs on NT and Linux!

Easy Installation – Since DVD Studio+ uses native drivers, there is no need to reconfigure when you upgrade your OS or migrate to a different platform.

Rock-Solid Reliability – The DVD Studio+ controller-based design and proven MakeDisc+ software ensures that every disc you record will work – every time.

disc image internally – not on the host. This conserves the host's disc resources. Since this task is an I/O operation, it does not consume appreciable processing and memory resources.

Once the disc image is built, DVD Studio+ completely takes over the recording task; the DVD-R drive is controlled directly by DVD Studio+. This eliminates all of the throughput variables associated with sending the data from the host and ensures that every disc you record will work.
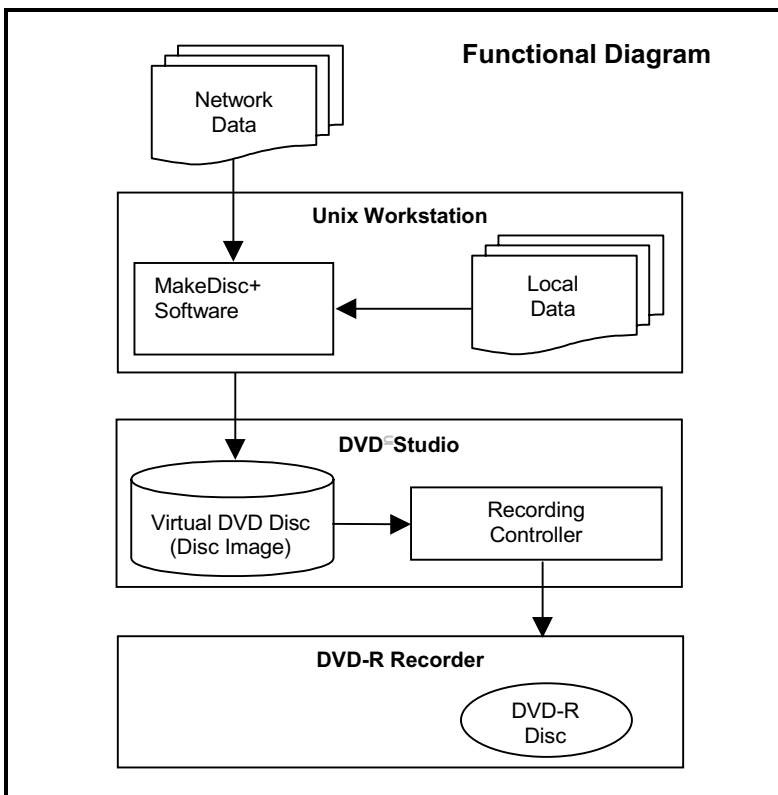
You can continue to use the host computer as usual during the entire premastering and recording process. There is no need to operate in standalone mode or to shutdown daemons and background processes.

MakeDisc+ Premastering Software for DVD

DVD Studio+ includes MakeDisc+ premastering software. MakeDisc+ software installs on a workstation or server, and is available for virtually all open systems operating systems and platforms, including Solaris, HP-UX, AIX, Tru64, IRIX, Linux, and Microsoft NT. MakeDisc+ for DVD features a Java graphical interface. MakeDisc+ can premaster data for CDs as well as for DVDs.

Recording Speeds:
4x DVD-R (5.4 MB/sec)
16x CD-R (2.4 MB/sec)

Functional Diagram

Network Data

Unix Workstation

MakeDisc+ Software

Local Data

DVD Studio

Virtual DVD Disc (Disc Image)

Recording Controller

DVD-R Recorder

DVD-R Disc

Controller Specifications:
Form factor:
Desktop or rackmount with internal DVD-R drive

Dimensions (HxWxD):
6.25 in x 16.875 in x 16.75 in.

Shipping Weight: 35 pounds

Power Supply: 100-240V, 50-60Hz self-switching

Interface: SCSI-2 Fast

MTBF: 20,000 POH (est.)

Data Assurance
Master Distributor for Young Minds

877-data-877
(877-328-2877)
909-494-4274

sales@data-a.com
www.data-a.com