

QUICKTAPE™ MediaServer



- **The Missing Link in Data Interchange / Duplication**
- **PC / Mainframe Data Interchange**
- **High Performance Tape Copying**
- **Tape to Tape Format Conversion**
- **Tape to CD Format Conversion**
- **Formats – 9-Track, 3480/3490, 3490E, TK50, DLT2000/4000/7000, 4MM, 8MM, QIC**
- **ASCII ↔ EBCDIC Conversion**
- **Conversion to dBASE file format**

MediaServer – The Ultimate Data Interchange Solution

Developed to provide an unmatched level of performance, flexibility, and simplicity, SHAFFSTALL's MediaServer makes it possible to interchange and distribute data between unlike computer systems over a wide range of media formats.

Multiple Media-Data Format Capable

MediaServer supports virtually all tape formats in 1/2", 1/4", 8MM, 4MMDAT, in both cartridge and round reel tapes. New tape drives are being added as they come on the market.

MediaServer easily converts and copies tapes written in ANSI and IBM standard formats, including labeled and unlabeled ASCII/EBCDIC/binary datasets. It even handles labeled tapes with combined ASCII/EBCDIC coding. The system quickly converts tapes between these formats and does in on-line in real-time. Data can also be converted to disk files or to CD-ROM.

A number of translator programs or "filters" assist in converting many popular industry standard tape formats. They include UNIX® "tar" and "cpio" archives from virtually any workstation or server; DEC® VMS save set backup tapes from VAX systems; IBM System 36 (\$SAVE/\$COPY), and AS/400.

Most client/server database systems recognize the ".DBF" file format for dBASE. MediaServer takes record input from tape or disk and outputs either fixed length, field delimited, or dBASE formats.



CD-Recordable

CD-ROM's are the most universally accepted media since 3 1/2" diskettes. Because of international standards, PC's, Unix computers, Apples, and others equipped with a CD-ROM drive can read the standard CD-ROM. MediaServer provides the platform to put information onto a CD-R (laser written) disk for distribution. Process input data from any tape or disk format and then output it on 680MB CD-R media.

Tape to CD Copy

With MediaServer and CD-R software, hundreds of different tape formats can be converted to CD's. You can consolidate your archive data from older tape media onto

CD-ROM. For example, fifteen 1600 BPI or four 6250 BPI 9-track tapes fit onto one CD-ROM which stores in 1/24 of the shelf space taken up by a single reel.

Tape to Tape Copying

Easily make tape to tape copies from an original tape inserted in one tape drive to blank tapes inserted in other drives. Enter the number of copies needed, and begin. Nothing could be simpler.

Tape Image Mastering Duplication

Tape image masters are created from an original tape, and contain information necessary to completely duplicate the original tape – byte for byte, block for block,

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tapemark for tapemark! Then you use it to duplicate on selected tape drives. Copies can be made to multiple SCSI tape drives of the same or different formats – simultaneously!

Tape to Tape Format Conversion

MediaServer copies from one tape to a second tape drive of a different format. It is also the only system (outside of a mainframe) that automatically converts between single- and multi-volume tapes. Use MediaServer to consolidate your archive tape library. Almost sixty 6250 BPI 9-track tapes fit on a single 4MM or 8MM cartridge, and ten 8MM's store in the same space as a reel. Likewise, later take one large dataset and create multi-volume tapes as necessary.

Disaster Recovery

MediaServer can facilitate *disaster recovery* plans. It makes 100% verified copies of your system backup tapes for off-site storage. You no longer have to make multiple backups of your servers to get the extra copy. Because MediaServer is a multi-purpose copier, your backups can be from any operating system and in any format.

The system has an industry first in that it copies data tapes that have been *partitioned* (formatted) into logical partitions. Most 4MM DAT (and some QIC) backup systems partition tapes to provide quick file access.

Data Verification

To make sure replication/conversion integrity is maintained, MediaServer provides two levels of tape verification: hardware read-after-write check for hard tape errors and byte-for-byte verify to compare each byte written to its original. You can specify that verification be performed automatically after each task or manually.

Initialize Tapes

The MediaServer with QuickTape-AI automatically initializes new tape media (e.g., 3480/3490/3490E) with tape volume

labels necessary for mainframe-based tape management systems and is more cost-effective than initializing new tapes on the mainframe drives. It also has better quality control checks on the process.

Two Decades of Experience

Since 1973, SHAFFSTALL has been the industry leader providing data compatibility solutions. Educational and financial institutions, government agencies, and small companies to corporate giants continue to turn to SHAFFSTALL to provide high quality solutions for their data processing tape formatting and data conversion problems.

Configurations Available

Enclosures: Desktop and 19" rackmount

Tape drives: Up to 28 drives (depending on configuration)

CD-R: 2X and 4X recorders

Software: *QuickTape*, *QuickTape Plus*, *QuickTape-AI*, *QuickTape-TD*, *QuickCopy*

Tape Drives / Formats Available

½" Cartridge:

3480/3490 (18-track) 200MB-600MB
3490E (36-track) 800MB-2.4GB
TK50 95MB
TK85/86/87 2.6GB-30GB
DLT2000/4000/7000 2.6GB-70GB

½" Reel:

9-track 800, 1600, 3200, and 6250 BPI

8MM Cartridge:

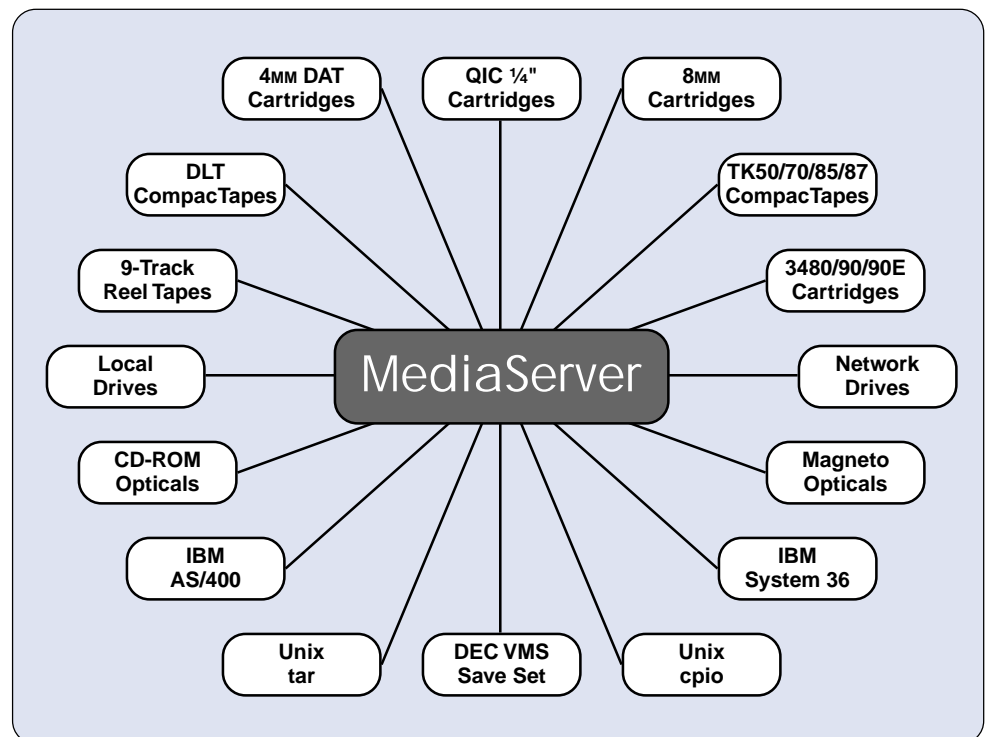
2.3GB-14GB, 20GB
20GB-40GB (Mammoth)

4MM Cartridge:

DDS 2GB
DDS-DC 4GB
DDS-2DC 4GB-8GB

¼" Cartridge:

QIC-24, QIC-120/150, QIC-525, QIC-1000,
QIC-2GB, QIC-5GB



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