Leveraging your information investment from mainframes and minicomputers to client/server computing

You'd like to make the transition from your minicomputer or mainframe environment to Windows NT client/server computing. But how can you make the move to 21st century computing and maintain the ability to read and interchange the vast amounts of data archived on legacy media? The answer: Compaq's Tape Interchange System for Windows NT.

Imagine being able to take a tape written by an IBM®, Unisys®, Amdahl®, or Fujitsu® mainframe and read it on any Alpha system or ProLiant System running Windows NT™! Or write a tape with the Alpha or ProLiant for reading by any mainframe. That's the power of the Tape Interchange System (TIS) for Windows NT.

Of course, you're not limited to mainframe interchange. TIS software enables you to read and write tapes from popular minicomputers running a variety of operating systems.

Features

→ Reads and writes labeled (such as OpenVMS™) and unlabeled (such as UNIX®) ANSI and IBM-standard ASCII and EBCDIC fixed-length tape records

→ Reads IBM-standard labeled and unlabeled ASCII and EBCDIC variable-length tape records

→ Converts EBCDIC data to ASCII data and ASCII data to EBCDIC data

→ Reads and writes custom and/or non-standard tapes

→ Views the contents of a magnetic tape prior to processing

→ Supports Compaq TSZ07 and the TKZ6x series tape drives

→ Unattended sequential tape loader support

COMPAQ
Better answers

The Compaq Tape Interchange System, Version 3.0, for Windows NT provides magnetic tape interchange functionality for *Compaq ProLiant* servers, high-performance *Compaq Alpha* processors and selected Intel-based PCs running the Windows NT operating system.

Magnetic tape interchange functionality permits specific magnetic tapes written by one system to be read by other systems. Conversely, the software permits tapes to be written by a Windows NT system in an ANSI labeled or IBM labeled format, so they can be read by computers running other operating systems such as Tru64 UNIX, OpenVMS, or IBM AIX*.

A multifunctional tool set

Just click on the Compaq TIS icon on the Windows NT desktop to access the easy-to-use graphical user interface (GUI) with pull-down menus. Simple commands and selections support step-by-step interchange and conversion procedures.

Compaq TIS software tests, modifies, and reports on the operational and other characteristics of Compaq TSZ07 (reel-to-reel) and

TKZ6x series (IBM 3480/3490/3490E) and TKZ90 magnetic tape drives prior to and during operation.

The Compaq TIS product includes
→ A Graphical User Interface that permits users to exercise the full complement of interchange capabilities
→ Compaq TSZ07 and TKZ62, TKZ63, and TKZ90 software device driver for Windows NT

Tape drives

Compaq TIS software is designed for use with a maximum of three TSZ07 and/or TKZ6x series, and/or TKZ90 magnetic tape drives which are purchased separately.

TSZ07 1600/6250 bpi tape drive for worldwide data interchange

The ability to handle worldwide data interchange is the most important feature of the TSZ07 tape drive. For many years, 9-track, phase-encoded, half-inch, ANSI-compatible tape drives have been the industry standard — accepted by users and adopted widely by the computer industry.

The TSZ07 meets these standards and eases the process of critical data interchange in many governmental and business applications.

Front-loading, self-threading

The TSZ07 features a front-loading, self-threading design that makes tape-mounting as easy and fast as loading a floppy disk. The drive automatically seats the reel and threads the tape. If the tape fails to load properly, the drive then automatically reloads without operator intervention.

TKZ6x tape drive family

Using IBM 3480/3490/3490E compatible half-inch tape in your data center has never been easier or more cost-effective.

As a complement to Compaq's StorageWorks™ architecture, the TKZ/62/63/90 tape drive family is a cost effective way to maintain your IBM-compatible storage capabilities or add IBM-compatible media to your operation.

The TKZ62 series reads and writes both 18- and 36-track formatted tape, a capability unique in the industry. With a 10-cartridge loader, the TKZ62 supplements Compaq's family of 18-track 3480/3490 drives by adding greater performance, capacity, and 3490E compatibility.

The TKZ63, a single-slot manual-load device, has the same features as the TKZ62 except for the 10-cartridge loader.

TKZ90 Tape Drive Family

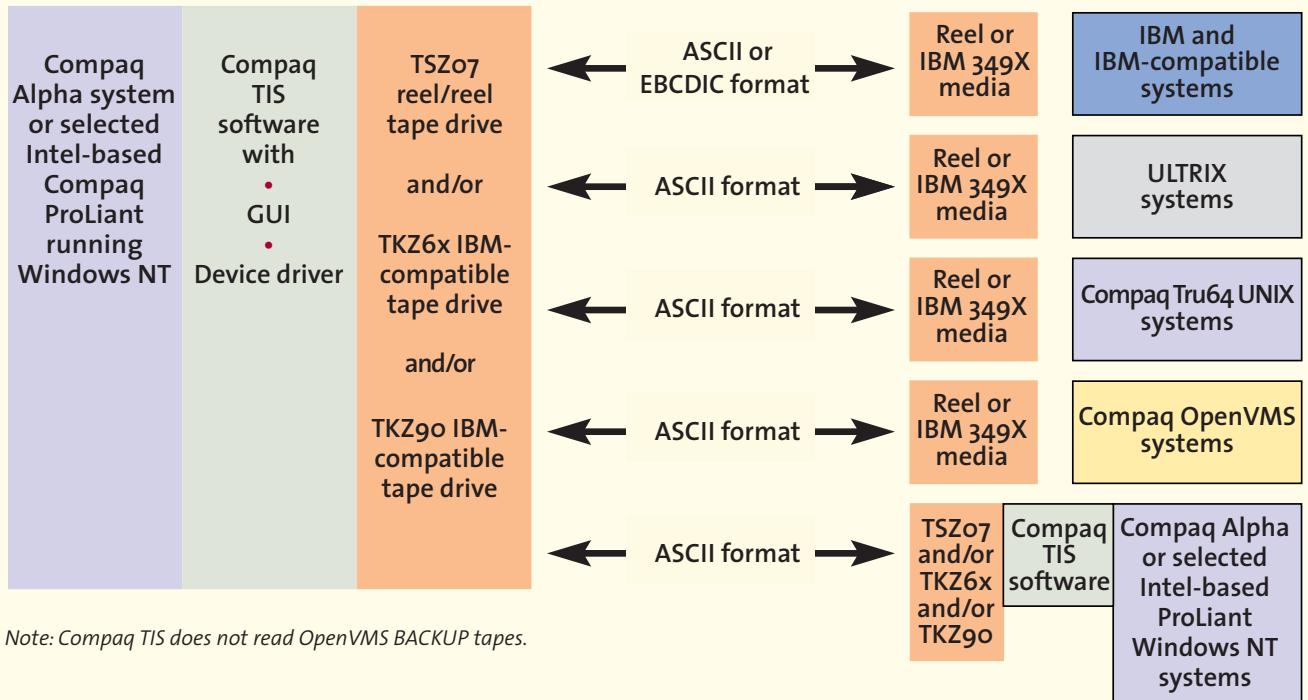High performance IBM 3590 compatibility for large data capacity operations.

Compaq Tape Interchange System for Windows NT Conversion Capabilities

| | IBM UNLABELED | | IBM LABELED | | ANSI UNLABELED | | ANSI LABELED | |
	FIXED	VARIABLE	FIXED	VARIABLE	FIXED	VARIABLE	FIXED	VARIABLE
Read	Yes	Yes*	Yes	Yes	Yes	Yes*	Yes	Yes
Write	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
As of TIS V2.1								

Compaq Tape Interchange System for Windows NT Overview

Compaq Alpha system or selected Intel-based Compaq ProLiant running Windows NT	Compaq TIS software with • GUI • Device driver	TSZ07 reel/reel tape drive and/or TKZ6x IBM-compatible tape drive and/or TKZ90 IBM-compatible tape drive	← ASCII or EBCDIC format →	Reel or IBM 349X media	IBM and IBM-compatible systems
			← ASCII format →	Reel or IBM 349X media	ULTRIX systems
			← ASCII format →	Reel or IBM 349X media	Compaq Tru64 UNIX systems
			← ASCII format →	Reel or IBM 349X media	Compaq OpenVMS systems
			← ASCII format →	TSZ07 and/or TKZ6x and/or TKZ90	Compaq TIS software	Compaq Alpha or selected Intel-based ProLiant Windows NT systems

Note: Compaq TIS does not read OpenVMS BACKUP tapes.

Fast, dependable data interchange

The TKZ6x tape drive family provides fast, dependable data interchange and/or unattended backup for IBM 3480/3490/3490E users. With the SCSI-2 interface, connectivity is available on most Compaq CPUs and SCSI adapters, thereby allowing you to maintain the IBM tape format across your entire enterprise.

Note: Compaq TIS cannot be used as a backup utility.

Client/server with Windows NT

As an experienced supplier of Windows NT client/server systems, software, and services, Compaq lowers the risk of your move to client/server systems and adds the value you need to be successful with Windows NT.

Compaq TIS eases the move from UNIX or OpenVMS to Windows NT by ensuring access to data archived on reel/ reel or IBM 3480/3490/ 3490E tape media. What's more, it can also exchange data with older systems that have not yet been replaced by NT systems.
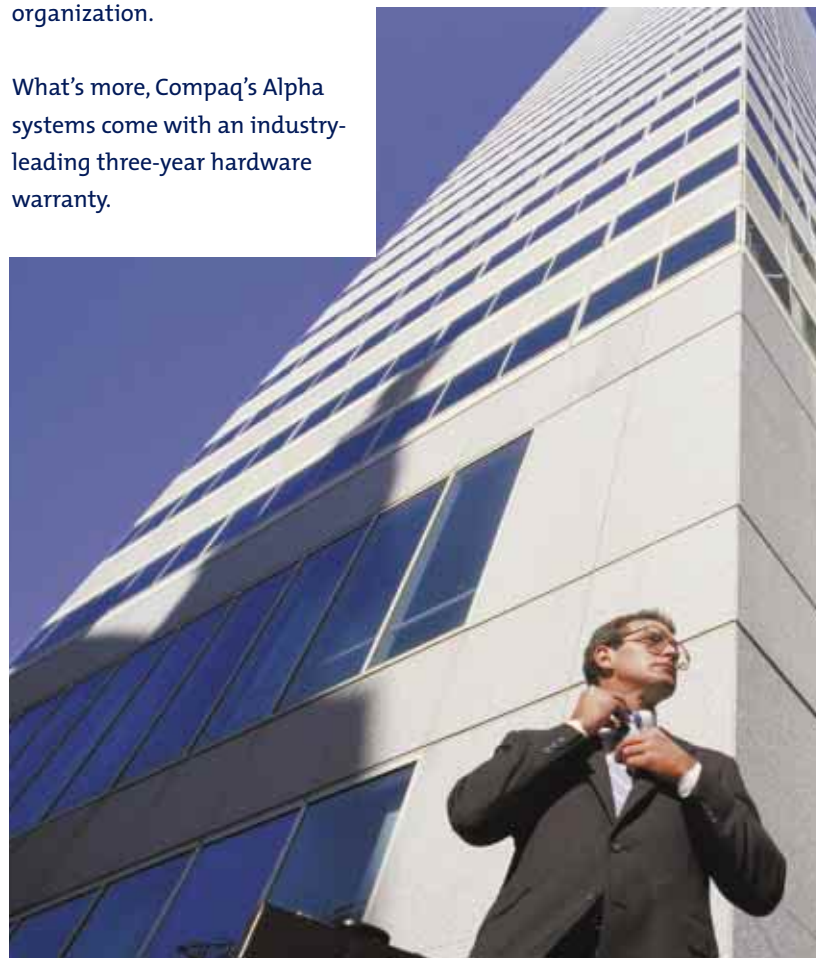
In addition to the widest range of platform support, Compaq provides enabling software like Compaq TIS, and applications, consultancy for application migration, and network integration.

Compaq systems also offer the best performance for demanding applications such as CAD/CAM, architectural design, engineering, manufacturing and process control, development, accounting, financial analysis, and traders' workstations.

Service from Compaq

When you choose solutions from Compaq, you have the full support of Compaq's global service organization.

What's more, Compaq's Alpha systems come with an industry-leading three-year hardware warranty.

Ordering Information

Compaq Tape Interchange System V2.0 for Windows NT

Order Number	Description
	License, media, and documentation for:
QB-4STAA-SA	Alpha systems (CD-ROM media)
QB-4STAB-SA	ProLiant systems (floppy diskette media)

For detailed information on the Compaq Tape Interchange System for Windows NT, refer to Software Product Description (SPD) 61.14. To receive an SPD, contact your Compaq sales office or authorized Compaq Business Partner.

TSZ07 reel-to-reel tape drive

Order Number	Description
TSZ07-AA	Rackmountable, narrow single ended SCSI, 120/240V
TSZ07-BA	TSZ07-AA mounted in 43-in H9A11 Cab 120V power controller
TSZ07-BB	TSZ07-AA mounted in 43-in H9A11 Cab 240V power controller
TSZ07-CA	Tabletop, narrow single ended SCSI, 120/240V
TSZ07-DA	Rackmountable, narrow differential SCSI, 120/240V
TSZ07-EA	TSZ07-DA mounted in 43-in H9A11 Cab 120V power controller
TSZ07-EB	TSZ07-DA mounted in 43-in H9A11 Cab 240V power controller
TSZ07-FA	Tabletop, narrow differential SCSI, 120/240V

TKZ6x tape drive family

Order Number	Description
TKZ90 tape drive with 9 MB/sec, 10/30 GB per cartridge, 100/240 volt	
TKZ90-AA	Rackmount, 10-cartridge loader FWD SCSI-2
TKZ90-AB	Tape drive for libraries or manual load
TKZ90-BA	TKZ90-AA mounted in 67 inch high gray cabinet, 120 V
TKZ90-BB	Same as TKZ90-BA but 240 V
TKZ90-CA	Same as TKZ90-BA but blue cabinet
TKZ90-CB	Same as TKZ90-BB but blue cabinet
TKZ9K-30	Qty 30, data cartridges
TKZ9K-HC	Qty 5, cleaning cartridges
TKZ9K-MG	Qty 1, 10-slot cartridge magazine
TKZ9R-AA	TKZ90-AA cabinet. Mounts two drives
TKZ9T-AA	TKZ90-AA/BA tabletop enclosure
TKZ62 tape drive with 3.0/6.0 MB/sec, 2.4 GB per cartridge, 10-cartridge loader, 100/240 volt	
TKZ62-AG	Rackmount, FWD SCSI-2
TKZ62-AH	Pedestal, FWD SCSI-2
TKZ62-AI	Tabletop, FWD SCSI-2
TKZ63 tape drive with 3.0/6.0 MB/sec, 2.4 GB per cartridge, single-cartridge manual load, 100/240 volt	
TKZ63-BA	Tabletop/rackmount FWD SCSI-2
TKZ6R-AB	TKZ63 rackmount kit. Mounts up to two drives

For More Information

TOLL-FREE PHONE: **1-800-344-4825**   WEBSITE: **www.compaq.com/customsystems**

Part Number: 0040-0599-A

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