



hp FTPC32 software

powerful and simplified
FTP file transfers for
hp NonStop servers

a product description
from hp

features at a glance

- Standard FTP functions between the NonStop operating system and any PC-based workstation
- Extended file-oriented operations
- Expanded file transfer operational functions
- Easy-to-use interface

FTPC32 software, the HP FTP client for the Microsoft® Win32 application program interface (API), was developed in response to the need for an efficient, easy-to-use means of transferring HP Guardian files between an HP NonStop™ server and a workstation running the Windows 95 or Windows NT operating system. Traditionally, other alternatives have been comparatively slow, unreliable, not particularly user friendly, or unaware of Guardian specific naming conventions and file formats. With the proliferation of Windows operating system-based workstations within the user community, it has become apparent that a better, more reliable means of moving files between the NonStop host and the workstation is necessary.

FTPC32 software is targeted for use with the Guardian file system running on the NonStop operating system. One of the chief design goals was to make it “Guardian knowledgeable.” FTPC32 software is intended to work seamlessly with the Guardian file system—to understand Guardian file naming, file codes, and so on. By doing so, it is able to handle the majority of transfer and naming issues transparently to the user.

standard FTP functions between the NonStop operating system and any PC-based workstation

FTPC32 software supports bidirectional binary and text transfers of Guardian files between NonStop servers and PC-based workstations. It copies exact images. Multiple or single files can be selected. FTPC32 software provides file rename and file delete functions. NonStop system and workstation file attributes are shown including information on file sizes, timestamps, security, and so on.

extended file-oriented operations

The integrated host-file editor allows host files to be edited directly on the workstation and subsequently saved back to the host. FTPC32 software incorporates the ability to print the selected host file on a printer attached to the workstation. FTPC32 software also provides a menu-driven interface to user-configurable compression and archival programs (for example, PKZIP), simplifying the use of these tools. The ability to launch

workstation programs directly from the FTPC32 local files window includes automatic execution of the correct program to service a given file type (for example, launching Microsoft Word to handle .doc files). Hooks into workstation editors allow any workstation file to be edited simply by selecting the file and clicking a button. The workstation directory supports full workstation directory creation and removal.

expanded file-transfer operational functions

FTPC32 software is Guardian file system-aware, and can determine transfer modes automatically based on Guardian file codes or workstation file extensions. It supports both the standard file-name-only and IXF styles of host file naming for the mapping of workstation file names into Guardian name space. FTPC32 software records in memory (with optional disk logging) a history of all file operations, which serves as a means of tracking activity against given files. FTPC32 software provides a statistical summary of all transfers by storing information on the number of transfers performed, bytes transferred, and elapsed time for transfers to and from the NonStop system and the workstation. Caching of host volume, subvolume, and file information on the workstation speeds host-file attribute lookup, reduces network traffic, and places less demand on the host server. FTPC32 software supports high-speed and reliable transfers. FTPC32 software supports all TCP/IP connection types. This includes both dedicated and dial-up LAN connections. It is a full 32-bit application supporting Windows 95, Windows NT 3.51, and Windows NT 4.0 systems.

easy-to-use interface

All FTPC32 commands are available from the main menu; key commands can also be accessed through command buttons. File transfers can be initiated via drag and drop, in addition to the menu and command button mechanisms described above. Support is provided for standard "*" and "?" wildcard characters when specifying the set of files to be operated on. FTPC32 software maintains an address book of configured hosts to speed the processes of connecting to a given host or switching between hosts. Operations can be specified from the command line or a command file at startup for batch operations. With a full OLE Automation Server API, FTPC32 software can act as an OLE server to client applications. The exposed interface includes mechanisms for both connection management and manipulation of host files (for example, transfer, deletion, and renaming).

ordering information

<i>product ID</i>	<i>description</i>
SJ53V1	FTPC32 software, 0-24 individual licenses
SJ53V1c	FTPC32 software, 25-license pack
SJ53V1d	FTPC32 software, 50-license pack
SJ53V1e	FTPC32 software, 100-license pack

specifications

system requirements

hardware	NonStop server Any PC-based workstation
software	NonStop Kernel operating system Microsoft Windows 95 or Windows NT Releases 3.51, 4.0, or later

For more information, go to www.hp.com/go/nonstop.

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