



Core Technology Corporation

at the source of connectivity innovation

FileSWEEP/Rapid

OVERVIEW

The FileSWEEP®/Rapid™ software suite provides premium file transfer capability across multiple hardware and software platforms in Unisys®, UNIX®, Windows®, IBM® and Stratus® environments. It presents a solution to users who need to significantly reduce file transfer times and/or manage processor utilization and input/output for mission-critical applications in a server/server or client/server environment with diverse hardware and software.

CAPABILITIES

Multi-Platform, Multi-Directional

Rapid is available for a variety of computing platforms and is consistent with the product direction of the open enterprise server. Client and server implementations include Unisys ClearPath™ NX/IX, Unisys A and V Series, UNIX PCs, Windows 16-bit and 32-bit environments, IBM MVS™ and AS/400® systems, and Stratus. Files can be of various record sizes and transferred in either direction or both directions simultaneously, with either system able to initiate the file transfers.

Flexibility

Because specific versions of the product have been created for each of the server implementations noted above, users can incrementally select subsets of the product suite. This gives users the flexibility to implement only what is needed and conserves cost for those who do not require the product's full feature set.

Significantly Higher Speed and Efficiency Combination On Dissimilar Systems

Rapid is known for its extremely high speed on transfers among similar systems, but also has significant value when moving files among dissimilar platforms. Rapid uses standard supported protocol interfaces and can easily handle the rich assortment of translations required when moving files between dissimilar file systems. Because Rapid was designed to work on dissimilar platforms, its performance has been optimized to control resource utilization on each platform.

Feature-rich, Robust, Comprehensive Application Program Interface (API):

Reliable, "on the fly" data translation:

Rapid automatically accounts for character and file differences as the information is passed between platforms. For example, EBCDIC fixed record files can be moved and translated during transfer into ASCII delimited files. The software also handles print files, by providing specific translation capabilities and ties into print sub-systems.

Reporting/logging:

Keeps track of status as files are transferred, preventing ambiguity and increasing reliability.

Data compression:

The patented, Lempel Ziv Welch (LZW) compression algorithm used by Rapid enables run-time compression/decompression of data. This capability allows files to be either decompressed upon receipt, or stored for later decompression, thereby using less network and file storage resources. This feature is specifically designed to address and enhance Internet transfer options.

Restart/recovery:

This capability allows Rapid to pick up and accurately finish aborted transfers, a feature especially important when sending files over slower, less reliable circuits.

Client implementation:

It is necessary to have a file transfer program available on the PC to send and receive information to and from any supported platform. FileSWEEP®, Core Technology's file transfer software, has been qualified and is the recommended PC-to-host file transfer that is used with Rapid. Rapid moves massive amounts of data between any host system and a Windows desktop TCP/IP transports. For easy access, Rapid is integrated with Core Technology's CTCBridge terminal emulation.

7435 Westshire Drive, Lansing, MI 48917-9764

Phone: 517-627-1521, 800-338-2117 • Fax: 517-627-8944 • email: sales@ctc-core.com

www.ctc-core.com



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SYSTEM REQUIREMENTS

Servers

- IBM (OS/390/MVS & AS/400), Windows (95/98/NT®/2000/XP/2003), UNIX (IBM-AIX, SUN-Solaris, HP-UX, SCO, Unisys-SVR 4 and others), Unisys (A, V, ClearPath™ NX,) and Stratus.

Clients

- UNIX, Windows 32-bit environments, and IBM (either MVS or VSE via JES or POWER)

Environment

- Direct connect, LAN, WAN, Internet and intranet

KEY FEATURES:

- Fast, efficient transfer
- Transfer between host systems
- Single file transfers
- Micro based list file transfers
- Host based list file transfers
- Host Initiated File Transfer (HIFT)
- Sequence number support for data files
- Optionally remove trailing spaces
- Supports all A Series File structure values
- Auto recovery and restart with all transfers
- EBCDIC to ASCII transfers
- Duplicate file handling
- Transfer all characters
- Transfer progress information
- Trace capabilities
- Compression
- Restart
- Integration with other applications
- Logging/reporting
- Wild Card transfers

FURTHER INFORMATION AND PRICING

If you have questions or would like pricing on FileSWEEP/Rapid, or any other Core Technology product, please contact our sales department at 800-338-2117(517-627-1521), or e-mail us at sales@ctc-core.com.

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