

# File Transfer

**Total Support of Automated File Transfer Operations with No Time Lag - Transferring, Processing, and Central Management**

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As compared to the FTP functionality supplied with your operating system, JP1/FTP (JP1/File Transmission Server/FTP) offers a rich array of functions to ensure improved efficiency, including file transmission/receipt linked to tasks, scheduled transmission, and automated program execution upon receipt of data. You can easily ascertain the status and results of transfers, vastly enhancing reliability thereby.

## Features

### Automating file transfer jobs

Using the job startup function, you can automate processes that are to take place after file transfers. For example, you can automate a process that receives and tabulates data from a central server several times a day.

### Managing execution status

Use of the function for displaying and reporting file transfer status enables you to promptly resolve failures. You can also manage the transfer status by obtaining and displaying the operation history information for file sends and receipts.

### Operation management function

This function allows you to view the file transfer history and distribute and set various types of definition information for multiple file transfer servers distributed across a network.

## Key Functions

### Control data transfers with transmission cards

The ability to register the information you wish to transfer to transmission cards enables you to transfer files without having to know the commands. Previously registered transmission cards can be edited, allowing you to modify existing cards. You can even automatically perform execution for a transmission card by setting it in the job scheduler's jobnet.

### File transfer history management

You can easily confirm the results of file transfers, thus facilitating the management of transfer history. This also speeds up troubleshooting.

Date	Start time	End time	Card	Trans. No	Snd/Rcv	Local file	Bytes	Remote host	Error type	LOG
04/06/05	20:35:20	20:35:20	Singapore-Sales-	43	Sent	Sales_Data	1224	192.16.108.36		
04/06/05	20:35:20	20:35:20	Singapore-Sales-	36	Received	Singapore_Sales_I	1224	Singapore-Offi		
04/06/05	20:34:58	20:34:58	London-Sales-Re	35	Received	London_Sales_Dat	30720	London-Office		
04/06/05	20:34:58	20:34:58	London-Sales-Re	42	Sent	Sales_Data	30720	192.16.108.36		
04/06/05	20:34:35	20:34:35		41	Sent	Sales_Data	35143	192.16.108.36		
04/06/05	20:34:35	20:34:35	Tokyo-Sales-Rec	34	Received	Tokyo_Sales_Data	35143	Tokyo-Office		
04/06/05	20:33:32	20:33:32	New York-Sales-	33	Received	New-York_Sales_I	0	New-York-Off Protocol erro		
04/06/05	20:33:32	20:33:32		40	Sent	Sales_Data	0	192.16.108.36	System call e	
04/06/05	20:33:28	20:33:28	Singapore-Sales-	32	Received	Singapore_Sales_I	0	Singapore-Offi Protocol erro		
04/06/05	20:33:28	20:33:28		39	Sent	Sales_Data	0	192.16.108.36	System call e	
04/06/05	20:33:22	20:33:22	London-Sales-Re	31	Received	London_Sales_Dat	0	London-Office Protocol erro		

Log information

### File transfer API/commands

Files can be sent and received through user programs, and can also be sent from the command line.

### Bulk transfer of multiple files

Wildcards can be used to specify multiple files for transfer. For tasks such as the weekly transfer of reports from various departments, rules for the assigning of file names can be created, so as to take advantage of uniform naming conventions and efficiently process a given group of files.

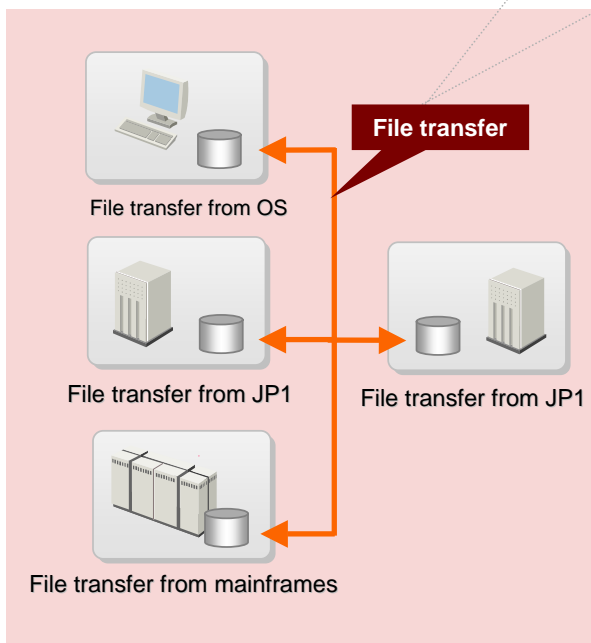
### Automatically verify file sizes during transfers

Both the sender and the receiver can automatically verify the size of transferred files. The ability to check file sizes before and after a transfer, and generate an error message if the sizes are different, facilitates the discovery of corrupt files that result despite successful file transfers, which are normally very difficult to notice.

*\* Only available for file transfers between JP1/FTP servers and clients.*

### Automatic file transfers through linkage with the job scheduler

Link with the JP1/Automatic Job Management System 2 Job Scheduler to easily perform planned file transfers. For example, you can automate a job that checks stock upon receipt of sales data files from each sales office.



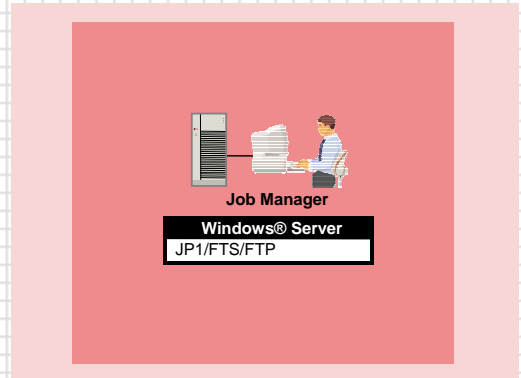
## System Configuration Example

### Transferring files in a stand-alone environment

- Transfer multiple files at once
- Check the size of each file before transfer
- Manage the transfer history
- Start a program automatically upon receipt of a file

#### Configuration

- Job Manager: Windows® Server x 1

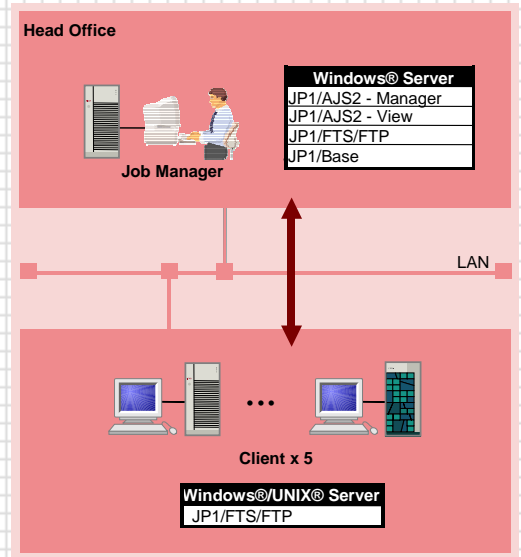


### Transferring files in a distributed execution environment

- Automatically execute application manager jobs upon receipt of files from each client
- Automatically transfer a file to each client after jobs have ended on the application manager

#### Configuration

- Job Manager: Windows® Server x 1
- Client: Windows® Server or UNIX® Server x 5



Product Nickname	Official Name
JP1/AJS2 - Manager	JP1/Automatic Job Management System 2 - Manager
JP1/AJS2 - View	JP1/Automatic Job Management System 2 - View
JP1/FTS/FTP	JP1/File Transmission Server/FTP

### Inquiries about these products

Feel free to contact us regarding these products:

### Information service

Further information about JP1 can be found online at:

<http://www.hitachi.co.jp/jp1-e>



JP1 is an acronym for Job Management Partner 1.

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