INTRODUCTION

FileXfer/370 will move information to and from any of the supported components: MVS VSAM, System/36, and AS/400. It has the following major functions:

File Transfer (Upload/Download)

It will move data files from one system to another. Sequential and Indexed files are supported. File record lengths from 4 char to 4088 char are supported. If the file does not exist on the remote system, it will be created.

User Exec Option

The user can specify a procedure (S/36) or command (AS/400) or exit program (S/370) to be executed on the remote system. The process can be started independently or after a transfer has completed. Procedure parms/call parameters passed to the remote procedure are supported. This function is useful if the user wishes to start a job to process after data has been transferred.

File Retrieval

It will retrieve a file on an AS/400 or System/36 and place the data into a local dataset.

Features common to the above functions:

SNA/SDLC LU 6.2 (APPC) Is Used

FileXfer will run on any configuration which supports SNA/SDLC APPC (including X.25 and Token Ring). It can share a comm. line with Pass thru, DDM, and other APPC applications. If APPN is used, FileXfer will participate in the APPN network.

No Chargeable Prerequisites Needed

FileXfer does not require S/36 IBM's ICF Base or any other chargeable feature to operate.

Multiple Concurrent Transfers Supported

Multiple concurrent Upload or Download tasks can be executing concurrently.

Data Integrity Maintained

User data on the target system will not be updated permanently until the transfer is completed. For example if a line failure occurs during transmission the target file is not corrupted.

Data File Transfer Features:

+ If the file exists on the target system, transmitted records replace the records in the existing file. If the file does not exist on the target system, it is created using sizing parameters obtained from the source system.

+ Record lengths from 4 to 4088 are supported.

FILEXFER/370™

Operations

To use the FileXfer/370, the user enters JCL (S/370), commands (AS/400) or procedures (S/36). All functions can execute on line or in batch. The commands and their functions follow:

AS/400 or System/36 to S/370

XVSAM:Transfers the specified file to the specified VSAM dataset.

XSAM: (AS/400 only) Transfers the specified file to the specified SAM dataset
XPDS: (AS/400 only) Transfers the specified file to the specified Partitioned dataset

For a detailed description of the above commands, refer to the FileXfer3X/400 Reference Manual.

S/370 to AS/400

PGM=XVSAM: Transfers the specified VSAM dataset to the specified S/36 or AS/400 file.

PGM=XSAM: Transfers the specified SAM dataset to the specified AS/400 file.

PGM=XPDS: Transfers the specified Partitioned dataset to the specified AS/400 file.

S/370 to System/36

PGM=XVSAM36: Transfers the specified VSAM dataset to the specified S/36 file.

For a detailed description of the above commands, refer to Chapter 4, "Sending Information to Remote Systems".

Retrieving Data

PGM=R400FILE: Retrieves an AS/400 file member and places it into a dataset.

PGM=R36FILE: Retrieves a System/36 file and places it into a dataset.

For a detailed description of the above commands, refer to Chapter 7, "Retrieving Information from Remote Systems".