



COSMOS USER CARD

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The CONNECT-TO Subsystem

@CONNECT-TO <SYSTEM NAME>	Connects you to the system specified. Push ESC and log in. To return to your local system, give the local character twice. Default is ASCII 0, which is CTRL @ on NOTIS terminals.
@CONNECT-TO	Enters the CONNECT-TO subsystem.
C-T: CONNECT-TO <SYSTEM NAME>	Connects you to the system specified.
C-T: EXIT	Return you to SINTRAN.
C-T: HELP <COMMAND NAME>	Lists commands.
C-T: LIST-LOCAL-CHARACTER	Gets the ASCII value of the local character.
C-T: LIST-SYSTEMS <SYSTEM NAME>	Lists information about the specified computer system or all systems in your network.
C-T: LIST-TIMEOUT-VALUES	Default 1 minute if you are not logged in, 30 minutes if you are logged in. If you do not touch your keyboard for that period of time, you will be disconnected.
C-T: SERVICE-PROGRAM	Enters CT-SERV program. There you may initialize SCRIPT programs and change the local character.

CT-SERV: CHANGE-LOCAL-CHARACTER <NEW ASCII VALUE>	Gives ASCII value as an octal number or a decimal number, followed by D. For example, 11 or 9D. DO NOT CHANGE LOCAL CHARACTER UNLESS YOU KNOW WHAT YOU ARE DOING!
CT-SERV: DUMP-PROGRAM <FILE NAME YOU WANT TO GIVE SCRIPT PROGRAM>	Default is file type :PROG.
CT-SERV: EXIT	Returns you to C-T.
CT-SERV: HELP <COMMAND NAME>	Lists command(s).
CT-SERV: INITIALIZE-SCRIPT <SCRIPT FILE NAME>	Default is file type :SYMB.

Use this to see what route the network uses between the two specified systems:

@(UTILITY)XMSG-COMMAND

X-C: LIST-ROUTING-INFO
<LOCAL SYSTEM> <REMOTE SYSTEM>

REMOTE FILE ACCESS

When you specify a <file name> that is on a remote system, <file name> must consist of the following:

<ACCESS-INFORMATION> . <FILE-INFORMATION>

<ACCESS-INFORMATION> consists of:

**<SYSTEM> (<REMOTE-USER> (<PASSWORD> :
<PROJECT-PASSWORD>)).**

<FILE-INFORMATION> consists of:

(<DIRECTORY> : <USER>) <FILE-NAME> : <TYPE>

Here is how you read a file on the remote system MINI if you have the same user name and password(s) on both the local and remote systems. In NOTIS-WP, you push the (R) key to read a file:

WP: (R) MINI.NEEDED:TEXT ↵

If the remote user name or password(s) do not match yours, you specify the system (MINI), the user name (SUE), the SINTRAN password (ZZZ) and the project password (TEAM) as in this example:

WP: (R) MINI(SUE(ZZZ:TEAM)).NEEDED:TEXT ↵

If you want SUE's file and you do not know her password, but you know that FLOPPY-USER has read access to that file:

WP: (R) MINI(FLOPPY-USER).(SUE)NEEDED:TEXT ↵

If that file is not on the default directory, include the directory information:

WP: (R) MINI(FLOPPY-USER).(P-THR:SUE)NEEDED:TEXT ↵

The following SINTRAN commands may access remote files:

ALLOCATE-FILE < file name > < page address > < no. of pages >
ALLOCATE-NEW-VERSION < file name > < page address >
 < no. of pages >
CLOSE-FILE < file no. >
CONNECT-FILE < file name > < file no. > < access type >
CREATE-FILE < file name > < no. of pages >
CREATE-NEW-VERSION < file name > < no. of pages >
DELETE-FILE < file name >
DUMP < file name > < start address > < restart address >
DUMP-REentrant < subsystem name > < start address >
 < restart address > < binary file name >
EXPAND-FILE < file name >
LIST-OPENED-FILES (includes files opened on remote systems)
LIST-RTOPENED-FILES (includes files opened on remote systems)
LOAD-BINARY < file name >
OPEN-FILE < file name > < access type >
PLACE-BINARY < file name >
RECOVER < file name >
RENAME-FILE < old file name > < new object name > < :new type >
RFILE < file no. >
RTCLOSE-FILE < file no. >
RTCONNECT-FILE < file name >
RTOPEN-FILE < file name >
SCRATCH-OPEN < file name > < access type >
SET-BLOCK-POINTER < file no. > < block no. >
SET-BLOCK-SIZE < file no. > < block size >
SET-BYTE-POINTER < file no. > < block no. >
SET-PERIPHERAL-FILE < file name > < log.no. >
SET-PERMANENT-OPENED < file no. >
SET-TEMPORARY-FILE < file name >
WFILE < file no. >

Example:

```
@DELETE-FILE ␣  
FILE NAME: MINI(SUE(ZZZ)).(PACK-ONE:SUE)USELESS:TEXT ␣
```

Using normal default values:

```
@DELETE-FILE MINI(SUE(ZZZ)).USELESS:TEXT ␣
```

Using a default remote system:

```
@SET-DEFAULT-REMOTE-SYSTEM ␣  
REMOTE SYSTEM NAME: MINI ␣  
REMOTE USER NAME: SUE ␣  
PASSWORD: (Invisible input) ␣  
PROJECT PASSWORD: (Invisible input) ␣  
@DELETE-FILE .USELESS:TEXT ␣
```

The period tells SINTRAN that the file is on the default remote system.

@SET-REMOTE-MODE	SINTRAN searches for files locally. If not found there, SINTRAN searches for files on the default remote system.
@SET-LOCAL-MODE	Returns to local mode (default).

The File Transfer Subsystem

@TRANSFER-FILE
<TO> <FROM>

<To> and <From> are file names. Use the same syntax as in Remote File Access. Default remote system defined in SINTRAN does not apply here.

@TRANSFER-FILE

Enters the File Transfer subsystem.

Here is a good way to transfer the file MY-FILE:TEXT between SUE's area on the system MINI and your area on your local system using abbreviations and default values:

@TR-FI ↵

T-F:SET-DEF MINI SUE ↵

PASSWORD: (Invisible input) ↵

T-F:TR-FI . "MY FILE:TEXT" , , , ↵ From local system to MINI.

or

T-F:TR-FI "MY-FILE:TEXT" , , , ↵ From MINI to local system.

Notice how the full stop and comma were used!

F-T: APPEND-REMOTE-BATCH < BATCH SYSTEM AND USER NAME>, < INPUT FILE>, < OUTPUT FILE>	
F-T: EXIT	Returns you to SINTRAN.
F-T: GET-DEFAULT REMOTE-SYSTEM	Lists the default remote system for F-T.
F-T: HELP < COMMAND NAME>	Lists commands.
F-T: LIST-NAMES < SYSTEM NAME OR NO. >	Lists systems that can be accessed from the system specified.
F-T: LIST-ALL-COMMANDS	Lists also the privileged commands.
F-T: SET-DEFAULT -REMOTE-SYSTEM < SYSTEM NAME>, < USER NAME>, < PASSWORD>	Use this if you do not want to reveal a password or if you are transferring many files.
F-T: TRANSFER < TO>, < FROM>	Copies according to no. of bytes in the file.
F-T: TRANSFER-FILE < TO>, < FROM>	Copies according to no. of pages in the file.

The COSMOS Spooling Service

- @COS-SPOOL-SERVIC** Enters spooling service program C-S-S.
- C-S-S: EXIT** Returns you to SINTRAN.
- C-S-S: GET-ERROR-MESSAGE** Translates error from
<DECIMAL ERROR VALUE> LIST-SERVER-ERRORS.
- C-S-S: GET-FILE-STATISTICS** Statistics about last file transferred.
- C-S-S: HELP** Lists command(s).
<COMMAND NAME>
- C-S-S: LIST-ALL-COMMANDS** Lists also the advanced commands.
- C-S-S: LIST-PRINTERS** Gives table of defined printers.
- C-S-S: LIST-SERVER-ERRORS** Lists info about files that could not be transferred.



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