FTP SERVER SOFTWARE FOR ETHERNET CONNECTION ON FANUC 16i,	18i, F31i1
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FTP SERVER SOFTWARE FOR ETHERNET CONNECTION ON FANUC 16i, 18i, F31i

• Copy the entire "FTP SERVER TYPSOFT" folder to your PC. You do NOT have to install any software on your PC since this software will run from the folder you copy it into.

• To start the software click on the blue FTPSERV file in the folder you copied to your PC. (After the initial setup you can have the software automatically launch on Windows startup if you choose)



ftpserv.exe

• Once the software has started select SETUP \Rightarrow USERS from the pull down menu as shown below.



• Click on the NEW USER tab then type in user name (e.g. MDV55) and click OK

User Setup		2
List of Users	Password	Directory Access
	Root Directory	
	Disable User Account Virtual Directory Showing	
	Max. of Use	×
	Max. of sim What is the new login? per accour MDV55	
	Time-Out (OK OK	Cancel Modify Delete
New User		
Copy User]	Upload No Access Rename Files and Directories
Rename User		Directory
Delete User		Ureate Hemove Virtual Link Sub Directory Include
Save	File for Goodbye Message	
Close		

Make sure the new user name is selected in the List Of Users then type in the password (e.g. OKK), Set the Root directory (eg. C:\) and set all other items circled below.

User Setup			×
List of Users	Password		Directory Access
New User Copy User	DKK Root Directory C:N Disable Use: Account Virtual Directory Showing V'C:Directory''= ''' Max. of User per account: Max. of simultaneous user per account/per IP: Time-Dut: (Min) [Max.: 600 min] 0 = No Time Limit	55	C:\ C:\ Add Modify Delete Files V Download Delete V Upload No Access Bename Files and Directories
Rename User	1		Directory
Delete User	File for Welcome Message		Create Remove Virtual Link ✓ Sub Directory Include
Save	File for Goodbye Message		
Close			

Next click on the Directory Access value (e.g. C:\) so it is highlighted then set all circled items listed below. When you are finished click on SAVE then CLOSE tab.

User Setup			×
List of Users MDV55	Password OKK		Directory Access C:\
	Root Directory		
	J Disable User Account Virtual Directory Showing "VC: Directory/" = "/" Max. of User per account: Max. of simultaneous user per account/per IP:	5	C:\
New User Copy User	Time-Out: (Min) [Max.: 600 min] 0 = No Time Limit		Add Modify Delete Files Download Delete Dupload Rename Files and Directories
Rename User Delste User	File for Welcome Message		Directory Create Remove Virtual Link V Sub Directory Include
Close	Fe for Goodbye Message		

Select SETUP \Rightarrow FTP from the pull down menu as shown below.

Ŧ	Y	PSoft F	TP Serv	/er	
File	2	Server	Setup	Help	
Mai	in	- Us	User	rs	
TVI	20	-0 570	FTP		
- Wri	tte	n by Ma	IP A	ccess	
			Colo	r Definitio	n
[12:	46	:46 PM	Sour	nd	
112	46	:46 PM	1	OR. 21	

Set the circled items as listed below then click SAVE and CLOSE tab.

F	TP Setup
	FTP Port:
	To apply this change, you must Stop and Start the server.
	Max. of User 5 0 = No User Limit
	\smile
-	Disable Message on Exit
-	Launch FTP Server on Windows Startup
	🔽 Start in Systray.
	Automatic Save Log.
	Add Date to Log.
	Show all users commands in Main window.
	Replace FTP Banner with your IP
	Language Internal Language
	File for Welcome Message
	File for Goodbue Message

When you want to use the software for file transfer all you have to do is launch the program by clicking on the blue FTPSERV file or have the software automatically launch at Windows startup. When the NC tries to communicate with the PC you will see the communication log as shown below.

I	📧 TYPSoft FTP Server	_ 🗆 🗙
Ī	<u>File Server Setup Help</u>	
ſ	Main User Info	
	[10:36:19 AM] - [4] Connect to 192.9.200.201. Get Username.	
	[10:36:20 AM] - [4] User VM5 Connected	
	[10:36:20 AM] - [4] VM5: Current Directory: C:\	
	[10:36:20 AM] - [4] VM5: Current Directory: C:\0KK\	
	[10:36:21 AM] - [4] Client VM5, 192.9.200.201 Disconnected (00:00:01 Min)	
	[10:36:32 AM] - [5] Connect to 192.9.200.201. Get Username.	
	[10:36:32 AM] · [5] User VM5 Connected	
	[10:36:32 AM] - [5] VM5: Current Directory: C:\	
	[10:36:32 AM] - [5] VM5: Current Directory: C:\0KK\	
	[10:36:33 AM] - [5] VM5: Start Download of C:\0KK\01001	
	[10:36:34 AM] - [5] VM5: File Downloaded OK: C:\OKK\01001 (28.71 K/S - 29 404 by	/tes)
	[[10:36:34 AM] - [5] Client VM5, 192.9.200.201 Disconnected (00:00:01 Min)	

FANUC 16i & 18i Basic NC Ethernet Settings

Press the SYSTEM hard key then the ▶ soft key until you see ETHPRM soft key. Press the ETHPRM soft key then (OPRT) soft key.



Next you will have to press the (OPRT) soft key then select either EMBEDDED or BOARD soft key. Embedded Ethernet is for connecting to the NC memory and Board is for connecting to the OPTIONAL Data Server memory.



FANUC 16i & 18i EMBEDDED ETHERNET SETTING

Note: This information is to be used as a reference. Please refer to the FANUC Operation manual for more detail information.

The NC I/O channel must be set to 9 to use the Embedded Ethernet function.

Page 1 of the Ethernet parameters you must set IP address and Sub net mask of NC control.

(Note: If these settings are changed power off the NC and restart the control)



Page 3 of the Ethernet parameters you must set the Port number (21), IP address of PC, Username, Password, and Log in Directory the NC will use to communicate with PC. This page is for connection 1.







You can then select which Connection parameters you would like to use for communication by selecting Connect 1, 2, or 3 by using the following procedure.

Press the Edit mode then the PROGRAM Hard key. Next press the soft key until you see CONNECT soft key. Press the CONNECT soft key then (OPRT) soft key.

ACTUR	AL PO	SITI	рн				i.	010	001	N	00	001
GB1 G17 G91 G22 G94 G20	(MOD) 648 649 689 698 659 659 667	AL) 654 664 615 625 650	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	50LUTE) 9 . 2 9 . 4 0 . 0 0 . 0 .	204 64 00 00 00	8 0 0 0		TIME RNET CON AILABLE EMBEDD FAST E	oh on Nect Ho Etherne Ed Port Thernet	PART 1 CYCLE DST ET I BOARD		INCH/H 245 8H 0M 85
			SAC	r	0		2					
	ABS		REL	ALL			HD-	**** DIR HOS	TCONE	10: CT	64:22	

 Next you will have to press the EMBEDDED soft key.

 D1001
 N0001

$\begin{array}{c} \text{(NBSOLUTE)} \\ X & -19.2048 \\ Y & 8.4640 \\ Z & 10.0000 \\ A & 0.000 \\ C & 0.000 \\ \hline \\ \text{(MDDAL)} \\ \text{G91 649 654 F } \\ \text{G91 649 655 F } \\ \text{G91 649 655 H } \\ \text{G91 649 655 H } \\ \text{G91 649 655 H } \\ \text{G91 659 625 H } \\ \ \ \text{G91 659 625 H } \\ \ \ G9$	F OR OUT 245 RUN TIME OH OM CYCLE TIME OH OM OS ETHERHET CONNECT HOST AVAILABLE ETHERNET EMBEDDED PORT FAST ETHERNET BOARD
	JUIS ***× 1H:Hd:dH RHARD

The Connect screen will then be displayed and you can choose which connection settings you would like to use by pressing Con-1, Con-2, or Con-3 soft key. The set values for that connection will then be used when you transfer files.

CONNECT HOST	01001	N00000
IPORT NO. : 21 IP ADRS : 192.9.200.200 USERNAME : VM5 LOGIN DIR: OKK		
2. PORT NO. : 21 IP ADRS : 192.9.200.200 USERNAME : MDV55 LOGIN DIR: KLEIN/TEST		
3. PORI NO. : 21 IP ADRS : 192.9.200.200 USERNAME : MDV55 LOGIN DIR: KLEIN		
	EDIT **** *** ***	S 0L 0% 01:05:36
8	CON-1 CON-2 CON-3	RETURN

Press the 4 soft key then press the HOST soft key and (OPRT) soft key.



Press the EMBEDDED soft key then the NC will connect with the PC and display the programs, which are in the folder you have designated.

HUST FILE DIR				U1001 N00000
	REGISTERED PROGR CURRENT CONNECT	ams : Host :	2	20
0001 . 0002 . 0003 PRAMETER 0004 01111 0005 01102 0006 0100 0007 02000 0008 0240 0009 0300 0010 0320 0011 0310 0012 0340 0013 0350 0014 0360		0015 0016 0017 0018 0019 0029	CNCCODE1 0510 TOOLLF 04500 G10TEST MIRROR_TST	
	STOP	EDIT *	*** *** ***	S 0 L 0%

If you press the > soft key you will then see the READ and PUNCH soft keys. If you type O4500 and press the READ soft key, that program will be transferred to the NC memory. If you type a program number that is in the NC memory and press PUNCH it will be transferred to the PC.

					9	ร ค.	6%
	1	FDII ***	× × * * *	**	И1:ИН:	H=	
SWITCH UPDATE ST	DP	SEARCH	RETURN		READ	PUNCH	

For more details on the operation of the EMBEDDED Ethernet function please refer to the FANUC operation manual.

FANUC 31i Embedded Ethernet Settings

Note: This information is to be used as a reference. Please refer to the FANUC Operation manual for more detail information.

The NC I/O channel must be set to 9 to use the Embedded Ethernet function.

Press the SYSTEM hard key then the ► soft key until you see EMBED PORT soft key. Press the EMBED PORT soft key to display the screen below.

					MDI **** *** ***	11:49:31
					EMBED PCHCIA PORT LAN	COPRED 4
ACTU	AL PO	SITION			00000	N00000
		A)	BSOLUTE		F	0.00
X			18.JE	:59	DADTO COLUT	C C C TRCH/H
					PHRIS COUNT	109
Y			15.13	59.VI	RUN TIME	11/24//215
-			10 07	10	COMMON: Sector	EMPEDDED1
2			18.23	948	ROSIC ROSIC	ngtensebbeb
D			179 0	105	DHUIG	
D			T10.0	100	MAC ADDRESS	ØØEØE403BADA
					IP ADDRESS	192. 168. 0. 95
					SUBJET HOSK	255 255 255 B
12						233.233.235.0
		1	HODAL		RUDTER TP HDDRESS	
601	680	615 F	н			
617	698	648.1H	н			
691	650	625 D	М			
622	667	6160	HD. T	1		
694	697	613.15	NX. T	5		
020	054	030.1				EMPEDDED 1/ 2
649	669	680 5			TITLINGE DEVICE	
S	005	8	SOU 100		A>	
						100 C
					MDI **** *** ***	11:49:42
<	ABSOLI	RELATI	ALL		COMMON FOCAS2 FTP	REMOTE COPRED +
192	TE	VE	230639711		TRAN	S DIAG
		-				

If the Common setting screen is not shown press the COMMON soft key so that the display matches the one shown above. On this page the IP address and Sub net mask of the NC control are set. (Note: If these settings are changed power off the NC and restart the control)

Press the FTP TRANS soft key to display the setting screen for the Host computer.



On pages 1 & 2 of the Ethernet parameters you must set the Port number (21), IP address of PC, Username, Password, and Log in Directory the NC will use to communicate with PC. These pages are for Connection 1.





Pages 3 & 4 are for Connection 2 settings.

ACTU	AL POS	SITION			00000	N00000
~		AB		NEO	F	0.00 INCH/H
^			10.00	22	PARTS COUNT	169
Y			15.13	397	RUN TIME	1H24H215
-			40 01	10	CYCLE TIME	UH UH US
2			18.23	548	FIP TRHNS:Set	tinglefiBEDDEDI
B			179.5	995	HOST NAMECIP ADDR	ESS)
14					192. 168. 0. 98	
					PORT NUMBER	21
CALL NO.		н	ODAL		USER NAME	191 (b)
601	G80	615 F	H		DVV	
617	698	648, 1H	H		UKK	
691	662	620 U	HD T		PASSWORD	
694	692	613.15	NX T	ŝ	•••	
620	654	650.1				
640	664	654.2			AVAILABLE DEVICE	EMBEDDED 3/ 6
649	669	688.5			0.5	and the second sec
5		0	SOV 100		HZ	
					MDI **** ***	11:51:37
<	ABSOLI TE	U RELATI VE	ALL		COMMON FOCAS2 FTP	REMOTE COPRI) +

ACTUAL POSITION

00000 N00000

×		AI	18	3.36 5.13	59 97	F Ø.ØØINCH./M PARTS COUNT 169 RUN TIME 1H24H21S CYCLE TIME 0H 0H 06S
B		-	18	3.23 79.9	48	FTP TRANS: Setting[EHBEDDED] CONNECT2 LOGIN FOLDER RICHARD/TEST
	c00	1	10DAL			
617	680	615 F		2 C		
691	650	625 D		i ii		
622	667	6160		HD. T	1	
694	697	613.1S		HX. T	5	
620	654	650.1				CONTRACTOR DATA
648	664	654.2				AVAILABLE DEVICE EMBEDDED 4/ 6
649	669	680.5		717 and and 10		9>
S		9]	500	199		HDI **** *** 11:51:43
ć	absolu Te	VE	ALL			COMMON FUCAS2 FTP REMOTE (OPRI) + TRANS DIAG

Pages 5 & 6 are for Connection 3 settings.

						1100000
V		ABSOL		EO	F	0.00 INCH/H
~		20 <u>0</u>	0.00	22	PARTS COUNT	169
V		1	5 13	07	RUN TIME	1H24H215
1		20-	0.TO	31	CYCLE TIME	OH OH OS
7		-1	0 27	10	FTP TRANS:Sett	ing[EMBEDDED]
2			0.20	40	CONNECT3	
B		1	79.9	95	HOST NAMECIP ADDRE	SS)
					192. 168. 0. 91	
		and the second se	13		PORT NUMBER	21
		HODE	AL.		USER NAME	2 and a second second
601	680	615 F	н		in a c	
617	698	648.1H	н		UKK	
691	650	625 D	н		PASSWORD	
622	667	6169	HD. T	1		
694	697	613.1S	NX. T	5		
620	654	650.1			and on the states	
649	664	654.2			HOHTCHBLE DEVICE	ENBEDDED 57 0
649	669	688.5	100		A>	
5		0 50	0 100		and the second se	
					HDI **** ***	11:51:50
<	absoli Te	U RELATI AL	L		COMMON FOCAS2 FTP	REMOTE COPRED +
	666				Trents.	

ACTU	AL POS	HOITION				0	2000	NØ	2000
XYZB			18 15 15 17	8.30 5.13 8.23 79.9	659 397 348 995	PARTS CU RUN TIME CYCLE TT CONNECT LOGIN	IUNT : ME P TRANSESSEE 3 FOLDER	Ø.(20110CH/M 169 1H24H21S 0H 0H 0S 00ED
601 617 691 622 694 620 640 649 5	680 698 659 667 697 654 664 669	615 F 640.1H 625 D 6160 613.1S 650.1 654.2 680.5 0	IODAL.	Н Н НD. T NX. T 199	1 5	AVAILA A>	RLE DEVICE	EHBEDDED	6/ 6
<	absolu Te	relati Ve	ALL			COMMON	FOCAS2 FTP	11:51:5 REMOTE 5 DIAG	GIPRT2 +

You can then select which Connection parameters you would like to use for communication by selecting Connect 1, 2, or 3 by using the following procedure.

While on the FTP TRANS screen press the OPRT soft key then the HOST SELECT soft key.



ACTU	AL POS	ITION				00000	N00000
XYNB		AB	18 15 15 17	.36 .13 .23 9.9	659 397 348 995	PARTS COUNT RUN TIME CYCLE TIME FTP TRANSISCE CONNECT3 HOST NAMECIP ADDR 192, 168, 0, 91	0.00 INCH/M 169 1H24H215 0H 0H 05 CING(CHBEDDED) (ESS)
601 617 691 622 694 629 649 649 5	688 698 658 667 697 654 664 669	M 615 F 640.1H 625 D 6160 613.1S 650.1 654.2 680.5 0	odal.	H H HD, T NX, T	1 5	PORT NUMBER USER NAME DKK PASSHORD *** AVAILABLE DEVICE A>	21 EMBEDDED 5/ 6
۲.	ABSOLU TE	RELATI	ALL			HOST SELECT RST4	REI ENB / INPUT

You can then select Connection 1, 2, or 3 by pressing the corresponding soft key.

ACTU	JAL PUS	ITION				04500	N00000
XYZB		AB	18 15 18 17	.36 .13 .23 9.9	659 889 848 994	PARTS COUNT RUN TIME CYCLE TIME FTP TRANSISET CONNECT3 HOST NAME(IP ADDRI 192.168.0.91	0.00 INCH/H 169 1H24H21S 0H 0H 05 HING(EMBEDDED) ESS)
601 617 691 622 694 620 640 649 5	680 698 650 667 697 654 664 669	H 615 F 640.1H 625 D 6160 613.1S 650.1 654.2 680.5 0	Iodal Sov 11	H H HD. T NX. T	1 5	PORT NUMBER USER NAME DKK PASSWORD *** AVAILABLE DEVICE A>	21 EMBEDDED 5/ 6
<	absolu Te	RELATI VE	ALL			CONECT CONECT CONE 1 2 3	

Press the Edit mode then the PROGRAM Hard key. Next press the FOLDER soft key followed by the OPRT soft key.



Press the DEVICE CHANGE soft key followed by the EMB ETHER soft key.



The NC will connect with the PC and display the programs, which are in the folder you have designated in the connection parameters. You can press the HOST CHANGE soft key to toggle thru connect 1, 2, & 3. Each time this is

pressed the screen will update a program list according to the connection settings.

EMBEDDED ETHERNET HOST FILE LIST	04500 N00000
CONNECT HOST 1 : HOST1	AVAILABLE DEVICE EMBEDDED REGISTERED PROGRAM 13
DEVICE : EMB_ETHER C CURRENT FOLDER: 2) ▲ ▼ ▽
A>	
CHANGE DETAIL ON	DIT **** *** 11:59:35 CREATE DELETE RENAME HOST + FOLDER +

If you press the \blacktriangleright soft key you will then see the READ and PUNCH soft keys.

		EDIT ***	++++++++	11:59:3	5
< DEVICE CHANGE	DET	AIL	CREATE DELE	TERENAME	HOST + Change
				,	· · ·
		EDIT ***		12:00:4	B
< SELECT	SEARCH READ PUN	ж	ſ		REFRES +

It is important to remember that when you use the Read /Punch function that the files will be transferred to and from the current path set as the Foreground folder.

To Read a file from the PC to the NC press the READ soft key. Then you can either type the file name to be transferred and press F SET soft key or move the cursor to select a program, press the F GET soft key then F SET soft key. Next type the program name to be used in the NC and press P SET. If no program name is specified for P SET the name in the program file will be used as the name in the NC.

EMBEDDED ETHERNET HOST FILE LIST	04500 N0	0000
	AVAILABLE DEVICE	EMBEDDED
CONNECT HOST 1 : HOST1	REGISTERED PROGRA	M 13
DEVICE : EMB_ETHER C CURRENT FULDER: /		4
01994		
03500		
04998 04598		
05999		
RICHE1		
NOTES		
		_
		Ŷ
4	>04500_	
	EDIT **** *** 12:82:	10
C F SET P SET CAN EXEC	FGET	I I
	l . J . I . I .	
MBEDDED ETHERNET HOST FILE LIST	04500 NO	000
	04000 1100	5000
	AVAILABLE DEVICE	EMBEDDED
CONNECT HOST 1 : HOST1	REGISTERED PROGRAM	13
DEVICE : EMB_ETHER (CURRENT FOLDER: /)		
		-
01888		
03000		
04000		
04500		
06888		
RICHEE		
NDTES		
		7
05		
P:	/F:045	608
	12:82:2	
C F SET P SET CAN EXEC F	GET .	

For the punch function the same basic operation is used but you will specify the program number to be punched by typing the number and using P SET. The F SET will be used if you would like to change the file name after it is transferred to the PC.

For more details on the operation of the EMBEDED Ethernet function please refer to the FANUC operation manual.

FANUC 16i,18i DATA SERVER ETHERNET SETTING

Note: This information is to be used as a reference. Please refer to the FANUC Operation manual for more detail information.

Page 1 of the Ethernet parameters you must set IP address, Sub net mask, and Router IP (If necessary) of NC control. (Note: If these settings are changed power off the NC and restart the control)



Page 2 of the Ethernet parameters you must set the Port number (21), IP address of PC, Username, Password, and Log in rectory the NC will use to communicate with PC. This page is for connection 1.

ACTU	IAL PO	SITIO	4				0	100	31	NØØ	001	L
		AL) 654	CABSOL 19 8 10 (.20 .46 .00 2.0 2.0	48 40 000 000		RUN TIN RUN TIN DATH SE 1. POIT USEN PASSI	PARAM RVER) HUMBER DRESS AME NORD		PART COUNT CYCLE TIME 192. 9. 200	INCH/1 20 0H 0H 0 6E: 2 5 21 . 200	
691	680	669	н		н							
622	698	615	D	н	ID. T	1	X.		/			
694	659	625		N	х. т	8	~	/				
G20	G67	650. :	sact	9		l	<u>></u>					
							JOG ***	×+:		09:29:30		
۵	ABS	R	al A	LL.			STRING	LOCK	INPUT		٥	

Pa	age	e 3	is f	for C	Conne	ecti	on 2 s	settir	ngs.			
ACTUA	IL PO	SITI	DH				0	100	21	NØØ	00	10
601 617 691 622 694 620	(MOD) 649 649 689 698 659 659 659	AL.) 654 664 615 625 650	CABE -15 -15 -15 -15 -15 -15 -15 -15	01.01E) 0.2 0.4 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1	04 64 00 00 00 н н н л.т	8 0 0 0	RUN TIN RUN TIN ETHERNE 2. PORT USERI PASSI LOGII 1 8	ME I ERVER3 NUMBER DDRESS NAME RICH NORD N DIR /RICHAR	Pi BH BH C ETER	PRI PRI 192. 9. 200	INC 0Н 0 5E: 3/ 21 . 200	245 H 05
			SHCI		8		<u>}</u>					
							J0G **	61.61		09:29:39		
۵	ABS		REL	ALL			STRING	LOCK	INPUT			٥

Page 4 is for Connection 3 settings.



You can then select which Connection parameters you would like to use for communication by selecting Connect 1, 2, or 3 by using the following procedure.

Press the Edit mode then the PROGRAM Hard key. Next press the **>** soft key until you see CONNECT soft key. Press the CONNECT soft key then (OPRT) soft key.

ACTU	AL PO	SITI	DH				01	.001	N00	001
	CHOD G48 G49	AL) 654 664	CABB 1 5 2 6 1 6 F	01.000 0.2 0.2 0.2 0.2 0.2 0.2 0.2	204 64 00 00 00	8 0 0 0	RUN TIME Ethernet availab Emb Fas	OH OH CONNECT HOS ILE ETHERNET HEDDED PORT IT ETHERNET	PART COUNT CYCLE TIME	<u>інсним</u> 245 8н өм өз
691 622	689 698	669 615	H		HD. T		L			
694 620	650 667	625 650	1 500	S	NX. T		3			
	ABS		REL	ALL			JOG ****	HOSTCONEC	19: 64: 22 T	IPRT)

Next you will have to press the BOARD soft key.

ACTU	AL PO	SITI	рн				010	001	N00	001
X Y Z C	CMOD	ALD		9.2 3.4 0.0 0.	04 64 00 00	8000	RUN TIME ETHERNET CO AVAILABLE EMBED FAST	PH BM (BH BM (Innect Host Ethernet Ded Port Ethernet 1	PART COUNT CYCLE TIME	<u>INCH/M</u> 245 8H 0M 85
691 691	649 680	664 669	H		H H					
622 694 620	659 667	625 650.	1 SACI	6 1 1	NX. T	8				
				· · · · · ·		1) JOG ****	-Ehg [al)	19:04:49	
K	ABS	F	REL	ALL			BOARD		EMBEDD	

The Connect screen will then be displayed and you can choose which connection settings you would like to use by pressing Con-1, Con-2, or Con-3 soft key. The set values for that connection will then be used when you transfer files.







If you press the \blacktriangleright soft key you will then see the GET soft key. If you type (File Number, Program Number to be listed on Data Server) 18,04500 and press the GET soft key, that program will be transferred to the Data Server memory.

HOST FILE DIR		01001 N00000
	REGISTERED PROGRAMS : CURRENT CONNECT HOST: 2	28
0001 . 0002 0003 PRAMETER 0004 01111 0005 01102 0006 01100 0007 0240 0008 0240 0009 0330 0010 0310 0012 0340 0013 0358 0014 0360	0015 CNCCUDE1 0016 0510 0017 TOOLF 0018 04500 0019 04500 0019 010TEST 0020 MIRROR_T	ST
>		S 0 L 0%
	EDIT **** ***	•••• 01:07:06
	STOP SEARCH RETURN	DELITE

JOG 44×4 09:32:44	/	1
SWITCH UPDATE STOP GET MGET L-GET		JOG **** 09:32:44
	SWITCH UPDATE STOP	GET HGET L-GET

If you press the HD-DIR soft key you will see a list of the programs currently stored on the Data Server memory. If you press the \rightarrow soft key then you will see the PUT soft key. If you type (the File number, Program Number) 1,00005 and press PUT soft key the program will be transferred to the PC.

HARD DISK FILE DIR					01001 N00001
		REGISTERED PROGRAMS	:		10
		FREE DISK AREA	:		1,007,321,088
		CURRENT DIRECTORY	:	¥NCDATA	
	FILE	NAME		SIZE	DATE
00001 00005				18	04-12-02 01:00
00002 01000				463,945	04-10-25 23:06
00003 01111				222	04-12-02 07:24
00004 01234				98	04-12-03 02:03
00005 02000				1,369,828	04-10-25 23:06
00006 03000				1,489,161	84-18-25 23:86
00007 04000				3,428,210	04-12-17 04:27
00008 05000				222	04-12-02 07:28
00009 05454				18	04-12-03 01:59
00010 06290				10,400,503	05-01-06 17:05
>					
		0	G +	*** 09	31:42
SWITCH		STOP	DI	R HOST CONECT	
	_	STOP 0	TIL		

For more details on the operation of the DATA SERVER and Ethernet function please refer to the FANUC operation manual.

Extreme care must be taken when connecting the Ethernet cables and while making the settings on your PC. Setting parameter conflicts can cause the entire network to fail.

The FTP software included with this information package is shareware. There is no charge for the use of this product.