Upgrade Information of MPE720 Version 5.44

1. Added and Improved Functions

Items added and features improved from MPE720 version 5.43 to version 5.44 are as follows.

No.	Feature	Classification
1	Support to one-line comment instruction in motion program.	Added function
2	Support to MECHATROLINK-II decentralization I/O module.	Added function
3	Support to M-EXECUTOR function.	Added function
4	Support to sequence program function.	Added function
5	Support to CF card transfer function.	Added function
6	Improvement of transfer function.	Added function
7	Improvement of function selection flag processing.	Added function
8	Improvement of installer.	Preventive
9	Bug of drawing map processing when transferring it in new mode.	Preventive
10	Detection of the PFORK nest error.	Preventive
11	Improvement of motion program PFORK-SFORK saving.	Preventive
12	Improvement of new ladder cross reference trouble.	Preventive
13	Support to the module configuration check processing trouble.	Preventive
14	M-EXECUTOR definition saving trouble.	Preventive
15	Defect of register range check when module is changed.	Preventive
16	CNTR-01 print result error.	Preventive
17	The wizard ends illegally by a simple operation.	Preventive
18	Mistake of current step in PFORK at debugging mode.	Preventive
19	Problem of the version information in the SERVOPACK parameter backup file.	Preventive
20	Bug of ladder display update.	Preventive
21	Trouble when the current value of SERVOPACK is acquired.	Preventive
22	Bug of motion program saving privilege.	Bug fix
23	Bug of simple mode display.	Bug fix
24	Bug of motion program single quote use.	Bug fix
25	Bug of application converter.	Bug fix

2. Description

No.1 Support to one-line comment instruction in motion program.

One-line comment instruction "//" was added to the motion program. This instruction treats from "//" to line feed as a comment.

GROUP1 -	🖻 🖻 🚔 🖬 🚰 🎒
00001 00000	mw10=1;
00002 00001 00003 00002	mw11=2; mw12=3;
00004 00003	mw13=4;
00005 00004	
00007	//mw16=7;
00008 00005	mw17=8; mw18=9;
00010 00007	mw19=20;
00011 00008	mw20=21; end:
00012 00009	
1	I

No.2 Support to MECHATROLINK-II decentralization I/O module.

It supported to IO2900/2910 that was MECHATROLINK-II decentralization I/O module.

Equipment name	Specification
JAMSC-IO2900	- DC output module
JAIVISC-IO2900	- DC12/24V, 16 point output
	- DC input module
JAMSC-IO2910	- DC12/24V, 16 point input

< Support controller >

Controller	Support version
MP2000 series	Ver2.66 and later
SVB-01 module	Ver1.24 and later

< MECHATROLINK-I selection >

#:- CPU#:-						RAC	CK#0
ransmission Parameters Lini	<assignment< th=""><th>I/O Map St</th><th>atus</th><th></th><th></th><th></th><th></th></assignment<>	I/O Map St	atus				
ST# TYPE	D	INPUT	SIZE D	OUTPUT	SIZE	SCAN	
01	-					-	
02 ABS_CODER	~					-	
03 *****1/0 120DRA83030						-	
04 120DRA83030						-	
05 120DAI73330						-	
06 120DDI34330/IO						-	
07 120DD034340/II	22910					-	
08 120AVI02030 120AV001030						-	
09 120EHC21140						-	
10 120MMB20230						-	
11 120DA083330						-	
12 VS-676H5 VS-676H5T						-	
13 VS-616G5						-	
14 VS-7Series	× 🗆					-	

< MECHATROLINK-II (32/17 byte mode) selection >

PT#:-	CPU	#:							RAC
Transm	hission	Parameters Link Assi	gnmen	t L	/O Map Si	tatus			
	05 06 07 08				INPUT	SIZE	OUTPUT	SIZE	SCAN

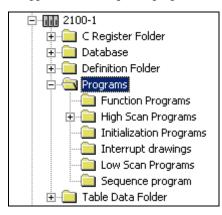
No.3 Support to M-EXECUTOR function.

The M-EXECUTOR function was added to MP2100/MP2100M.

Rack 1 Enable Rack 2 Disable Rack 3 Disable Rack 4 Disable									
ontroller									
Rack 1 Rack 2 Rack 3	Rack 4								
Slot Number Module Type 2100M. Status	00 72500M 👻 SVB-	01 01 🗸	263IF-01	D2					
100M/2500M: Controller mo	odule with network	servo control,	1/0 virtual	axes.					
fodule Details MP2100M F	RACK#01 SLOT#								<u> </u>
Slot Number	1	2		3	4				8 NEXECUTOR
Slot Number Module Type	RACK#01 SLOT#		-	SVB 👻	SVR	5 UNDEFINED		7 UNDEFINED	M-EXECUTOR
Slot Number Module Type Circuit Number	1	▼ 10 •	•	SVB 🗸					 M-EXECUTOR M-EXECUTOR
Slot Number Module Type Circuit Number 1/0 Start Register	1 CPU -	▼ 10 • 0000	•	SVB - 01 0002	SVR •	UNDEFINED -	UNDEFINED -	UNDEFINED	M-EXECUTOR M-EXECUTOR UNDEFINED
Slot Number Module Type Circuit Number 1/0 Start Register 1/0 End Register	1 CPU 	▼ 10 •	•	SVB 🗸	SVR • 02	UNDEFINED -	UNDEFINED - 	UNDEFINED - 	M-EXECUTOR M-EXECUTOR UNDEFINED 1841
Slot Number Module Type Circuit Number 1/0 Start Register	1 CPU 	▼ 10 - 0000 0001	•	SVB 01 0002 0401	SVR • 02	UNDEFINED - 	UNDEFINED - 	UNDEFINED - 	M-EXECUTOR M-EXECUTOR UNDEFINED 1841
Slot Number Module Type Circuit Number I/O Start Register I/O End Register Disable Input	1 CPU 	 ✓ 10 . 0000 0001 ✓ Enable 	•	SVB 01 0002 0401 Enable	SVR	UNDEFINED - 	UNDEFINED - 	UNDEFINED - 	M-EXECUTOR M-EXECUTOR UNDEFINED 1841
Slot Number Module Type Circuit Number I/O Start Register I/O End Register Disable Input Disable Output	1 CPU 	 ✓ IO → → 0000 0001 ✓ Enable ✓ Enable 		SVB ▼ 01 0002 0401 Enable ▼ Enable ▼	SVR 902	UNDEFINED	UNDEFINED - 	UNDEFINED	M-EXECUTOR M-EXECUTOR UNDEFINED 1841
Slot Number Module Type Circuit Number I/O Start Register I/O End Register Disable Input Disable Output Motion Start Register	1 CPU 	 ▼ 10 . 0000 0001 ▼ Enable ▼ Enable 		SVB ▼ 01 0002 0401 Enable ▼ Enable ▼ 8000	SVR	UNDEFINED -	UNDEFINED - 	UNDEFINED	M-EXECUTOR M-EXECUTOR UNDEFINED 1841 V
Sint Number Module Type Circuit Number I/O Start Register Disable Input Disable Output Motion Start Register Motion End Register	1 CPU 	 ▼ 10 . 0000 0001 ▼ Enable ▼ Enable 		SVB ▼ 01 0002 0401 Enable ▼ Enable ▼ 8000 87FF	SVR	UNDEFINED -	UNDEFINED - 	UNDEFINED	M-EXECUTOR M-EXECUTOR UNDEFINED 1841 V

No.4 Support to sequence program function.

It supported to the sequence program function with MP2100/MP2100M.



No.5 Support to CF card transfer function.

The CF card transfer function that had been supported up to now only when MP2200-02 was selected was developed with the MP2000 series all models.

All Files Selected Files			
Continuous File Transfer 🕨			
Other 🕨	Save to Flasi Compare Fla		
	From CARD t	D to CARD(W) to MPE720(5) RD to MPE720(M)	
Execute		\mathcal{N}	
Lxecute		N	
Source G:\YeTools\MP	E720\Cp717Usr\	0\2100M\	Change
Destination A:\MP_BKUP\B	ACKUP		Change
Transfer Mode	Change 💌	☐ Write-protected	
It is executed by this environm	ent. OK?	The saved data in PLC folder is to to CF card. All the data which does not trans operation is cleared when the CF directly.	fer with this
OK		Cancel	

No.6 Improvement of transfer function.

In transfer, when the compression transmission is selected, an internal transfer mode is transferred by "New". However, it was displayed on the transfer screen, "Change".

Therefore, the transfer mode when the compression transmission was selected displayed, "New".

Execute			×
Source	G:\YeTools\MPE720\Cp717Usr\	0\2100M\	Change
Destination	A:\MP_BKUP\BACKUP		Change
	Transfer Mode Change 💌	☐ Write-protected	
It is execute	d by this environment. OK?	The saved data in PLC folder is ba to CF card. All the data which does not transfe operation is cleared when the CF c directly.	er with this
	[OK]	Cancel	

No.7 Improvement of function selection flag processing.

All of a possible function to use with MPE720 at that time were able to be used at off-line when the function newly added by the controller upgrade is provided. The function that the controller who connected it was supporting it was acquired, and only a possible function for the controller to use was made effective at online.

No.8 Improvement of installer.

The problem that the installation of MPE720 is not normally completed occurred according to the application installed in the PC environment used beforehand occasionally. Therefore, this was corrected.

No.9 Bug of drawing map processing when transferring it in new mode.

It is a specification transferred after program information in the folder at the transferring destination is deleted when "New" mode is transferred. However, map information on the transferring destination had not been deleted for the motion program and the sequence program.

When "New" had already been transferred to the folder where the program existed, program information where substance did not exist remained occasionally. Therefore, this was corrected.

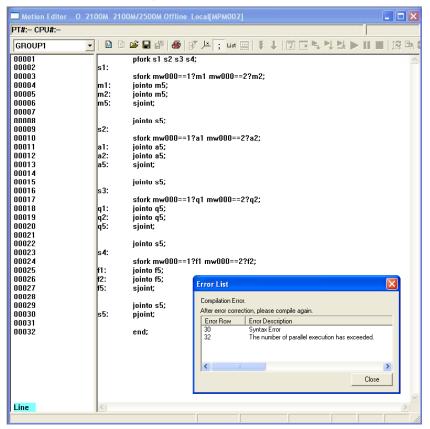
No.10 Detection of the PFORK nest error.

The saving error occurs if the nest of PFORK in the motion program at on-line, but no error occurs at off-line. Therefore, this was corrected.

GROUP1 -		ĸ⊞ ↓↓ ⊇⊡≒↓₩▶Ⅱ■ ╩¤00	9
CHOOP1 Control 00001 s1: 00002 s1: 00003 k1: 00004 k1: 00005 k2: 00006 k2: 00007 00008 00008 k3: 000011 k4: 00011 00014 00012 k5: 00015 s3: 00016 s3: 00017 00018 00018 s5: 00022 00023	pfork s1 s2 s3 s4; pfork k1 k2 k3 k4; jointo k5; jointo k5; iointo k5;	rror List Compilation Error. After error correction, please compile again. Error Row Error Description The number of parallel execution has exceeded. Close Close	

No.11 Improvement of motion program PFORK-SFORK saving.

The number of parallel execution occurred when four diverged parallel because of the PFORK instruction, and the SFORK instruction was used in each parallel processing and, up to now, the error of "The number of parallel execution has exceeded." had occurred in spite of in the limitation. Therefore, this was corrected.



No.12 Improvement of new ladder cross reference trouble.

The expression of two or more lines is described in Expression, the following symbols and registers are described in that, and the operational expression that exists together is described.



Symbol allocation: SYMBOL1=MW900; * The symbol allocations are not in MW000 and MW001.

Under such a condition, there was a problem that assumed that symbol "SYMBOL1" was allocated to MW001 as a crossing retrieval result when MW001 was retrieved and was retrieved. Therefore, this was corrected

No.13 Support to the module configuration check processing trouble.

The disagreement had not been detected though data with different number of module configuration existed as HDD and a controller. Therefore, this was corrected.

No.14 M-EXECUTOR definition saving trouble.

It terminated abnormally when 16 programs were registered on the M-EXECUTOR screen occasionally. Therefore, this was corrected.

M-EX	ECUTOR 0 2100 MP2100/	2500 Offline Loc	al			X
PT#:- Cl	PU#:-				RACK#01 0402-0441	
	JTOR(List) Individual display definition Allocation Control register	Program definition nu	mber	16	•	•
No	D Execution type	Setting met	hod	Program	Execution monitor register(S register)	
· ·	Sequence program(Start)	Direct		-		
1	Motion program	 Direct 	-	MPM001	SW03264 - SW03321	
2	Motion program	 Direct 	-	MPM002	SW03322 - SW03379	
3	Motion program	 Direct 	-	MPM003	SW03380 - SW03437	
4	Motion program	 Direct 	-	MPM004	SW03438 - SW03495	
5	Motion program	 Direct 	-	MPM005	SW03496 - SW03553	
6	Motion program	 Direct 	-	MPM006	SW03554 - SW03611	
7	Motion program	 Direct 	-	MPM007	SW03612 - SW03669	
8	Motion program	 Direct 	-	MPM008	SW03670 - SW03727	
9	Motion program	 Direct 	• •	MPM009	SW03728 - SW03785	
10	Motion program	 Direct 	-	MPM010	SW03786 - SW03843	
11	Motion program	 Direct 	-	MPM011	SW03844 - SW03901	
12	Motion program	 Direct 	-	MPM012	SW03902 - SW03959	
13	Motion program	 Direct 	•	MPM013	SW03960 - SW04017	
14	Motion program	 Direct 	•	MPM014	SW04018 - SW04075	
15	Motion program	 Direct 	-	MPM015	SW04076 - SW04133	
16	📁 Motion program	 Direct 	•	MPM016	SW04134 - SW04191	
 •						•
			\sim			
	Program Error					
		.exe has generate I need to restart th			e closed by Windows.	
	An erro	r log is being creat	ed.			
			Ok			

No.15 Defect of register range check when module is changed.

The register range check was abnormally executed, when the changing the allocation from two subslot option module to one subslot option module. Therefore, this was corrected.

Controller										
Slot Number	00		01		02			03		
Module Type	NSC50-02	-		-	UNDEFINED	-	LI0-02		-	
Controller Number	-								_	
Circuit Number	-									
I/O Start Register										
1/0 End Register						_				
Disable Input	-	•		Ŧ		¥			•	
	-	Ŧ		• •		Ŧ			÷	
Disable Output	_			-		-			-	
Motion Start Register						_				
Motion End Register										
Details										
Status										
LIO-02: Sourcing I/O and co						_				
Module Details LIO-02 SLO	T#03									
				_	<u> </u>	_				-
Slot Number	1		2	_						
Module Type	LIO	-	CNTR	-						
Controller Number	-		01							
Circuit Number	•		-							
I/O Start Register	0000		0C02							
I/O End Register	0001		0C21							
Disable Input	Enable	-		-	1					
Disable Output	Enable	-		-	1					
Motion Start Register		_			1					
Motion End Register					1					
Details	-			-	-					
	_				4					
Status					y .					
		_		_		-		_	_	7
IO: Local I/O function.										
O: Local /O function.										
ontroller			01		02	ſ		03		
ontroller	00 NSC50-02				02 JNDEFINED		LIO-04	03	Ţ	
ontroller Sint Nuroher Module Type	00 NSC50-02			v (02 JNDEFINED	-	<u>LIO-04</u>	03		
ontroller Slat Number Module Type Controller Number				- (-	LIO-04	03		
ontroller Sint Number Module Type Controller Number Circuit Number	NSC50-02 - -		UNDEFINED - -		JNDEFINED		<u>LIO-04</u>	03		1
ontroller Stot Number Module Type Controller Number Ericuit Number 1/0 Start Register	NSC50-02 - 	•	UNDEFINED - 			•		03		
ntroller Slot Number Module Type Controller Number Circuit Number 1/O Stat Register 1/0 End Register	NSC50-02 - -	· · · · ·	UNDEFINED - -	•	JNDEFINED		LIO-04 	03		
Slot Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Input	NSC50-02 - 	· · · · · · · · · · · · · · · · · · ·	UNDEFINED - 	· · ·	JNDEFINED	•		03	-	
Sint Number Sint Number Controller Number Circuit Number I/O Start Register I/O End Register	NSC50-02 - 	· · · · ·	UNDEFINED - 	•	JNDEFINED			03		
Slat Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Input	NSC50-02 - 		UNDEFINED - 	• • • •	JNDEFINED	•		03	-	
Slot Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Input Disable Output	NSC50-02 - 		UNDEFINED - 	· · · · ·	JNDEFINED	•		03	-	
Introller Sint Number Module Type Controller Number Circuit Number I/O Start Register Disable Input Disable Input Disable Output Motion Start Register Motion End Register	NSC50-02 - 		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Sint Number Module Type Controller Number Circuit Number 1/O Start Register 1/O End Register Disable Input Disable Dutput Motion Start Register Motion End Register Details	NSC50-02 - 		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Sint Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Input Disable Dutput Motion Start Register Motion Start Register Details Status	NSC50-02 - 		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Sint Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Dutput Motion Start Register Motion End Register Details	NSC50-02 - 		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Sint Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Input Disable Dutput Motion Start Register Motion Start Register Details Status	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
ontroller Slot Number Controller Number Circuit Number I/O Start Register I/O Start Register Disable Duput Disable Duput Motion Start Register Details Status 0-04: I/O (Sinking) odule Details LIO-04 SLOT Slot Number	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Introller Sint Number Controller Number Circuit Number Li/O Start Register 1/O End Register Disable Input Disable Input Motion Start Register Motion Start Register Details Status 0-04: I/O (Sinking)	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
ntroller Slot Number Controller Number Circuit Number 1/0 Statt Register Josable Input Disable Output Motion Statt Register Motion End Register Details Status 0-04: 1/0 (Sinking) odule Details LI0-04 SLOT Slot Number Module Type	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Introller Slot Number Controller Number Circuit Number Lircuit Number Li/O Start Register J/O End Register Disable Input Disable Input Motion End Register Motion Start Register Details Status 0-04: I/O (Sinking) 0-04: I/O (Sinking) 0-04: I/O (Sinking)	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED	•			-	
Introller Slot Number Module Type Controller Number Circuit Number 1/0 Start Register 1/0 End Register Disable Dutput Motion Start Register Details Status 0-04: 1/0 (Sinking) odule Details LI0-04 SLOT Slot Number Module Type Controller Number Circuit Number	NSC50-02 - - - - - - - - - - - - -		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
Introller Slot Number Module Type Controller Number Lircuit Number 1/0 End Register 1/0 End Register Disable Duput Motion Start Register Motion End Register Details Status 0-04: 1/0 (Sinking) 0dule Details LI0-04 SLOT Slot Number Module Type Controller Number Dircuit Number Circuit Number	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED	•		03	-	
ntroller Slot Number Controller Number Circuit Number I/O Statt Register Disable Input Disable Input Disable Output Motion Start Register Motion End Register Details Status 0-04: I/O (Sinking) odule Details LIO-04 SLOT Slot Number Module Type Controller Number Circuit Number I/O Start Register I/O Start Register I/O End Register	NSC50-02 - - 		UNDEFINED 	· · · · ·	JNDEFINED					
ntroller Slot Number Module Type Controller Number Circuit Number I/O Start Register I/O End Register Disable Dutput Motion Start Register Details Status 0-04: I/O (Sinking) odule Details LI0-04 SLOT Slot Number Module Type Controller Type Circuit Number I/O Start Register I/O Start Register I/O Start Register I/O End Register Disable Input	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED					
Introller Slot Number Module Type Controller Number Circuit Number I/O Start Register I/O End Register Disable Input Disable Output Motion End Register Details Status 0-04: I/O (Sinking) odule Details LIO-04 SLOT Slot Number Module Type Controller Number Circuit Number Circuit Number I/O Start Register I/O End Register Disable Input Disable Input	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED					
ntroller Slot Number Module Type Controller Number Circuit Number 1/0 Stat Register Josable Input Disable Output Motion Stat Register Details Status 0-04: 1/0 (Sinking) odule Details LI0-04 SLOT Slot Number Module Type Controller Number Circuit Number Circuit Register 1/0 End Register Disable Input Disable Input Disable Input	NSC50-02		UNDEFINED 	· · · · ·	Module		nfig	urat	ion	
Introller Slot Number Module Type Controller Number Circuit Number I/O Start Register I/O End Register Disable Input Disable Output Motion End Register Details Status 0-04: I/O (Sinking) odule Details LIO-04 SLOT Slot Number Module Type Controller Number Circuit Number Circuit Number I/O Start Register I/O End Register Disable Input Disable Input	NSC50-02		UNDEFINED 	· · · · ·	JNDEFINED		nfig	urat	ion	lapp
ntroller Slot Number Module Type Controller Number Circuit Number 1/0 Stat Register Josable Input Disable Output Motion Stat Register Details Status 0-04: 1/0 (Sinking) odule Details LI0-04 SLOT Slot Number Module Type Controller Number Circuit Number Circuit Register 1/0 End Register Disable Input Disable Input Disable Input	NSC50-02		UNDEFINED 	· · · · ·	Module		nfig	urat	ion	app
vintroller Stot Number Module Type Controller Number Circuit Number I/O Start Register I/O End Register Disable Input Disable Dutput Motion Start Register Details Status 0-04: I/O (Sinking) odule Details LI0-04 SLOT Stot Number Module Type Controller Number Circuit Number Circuit Number I/O Start Register Disable Input Disable Input Disable Input Disable Output Motion Start Register Motion Start Register	NSC50-02		UNDEFINED 	· · · · ·	Module	Co	nfig	urat ge is	ion	lapp

No.16 CNTR-01 print result error.

When the setting data of CNTR-01 was printed, the value of fixed parameter No.13 was wrong. Therefore, this was corrected.

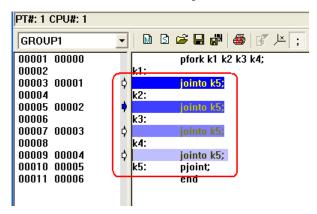
NC.	Fix Farameter Name	CH# 1	CE# 2
1	Channel selection	unused	unused
2	The First Register Number	0000	0020
3	A/E-Pulse Signal form Selection	+5V differential input	+5V differential input
4	C-Fulse signal type	+5V differential input	+5V differential input
5	A/E-Pulse Signal Felarity	Positive logic	Positive logic
6	C-Fulse signal polarity selection	Positive logic	Positive logic
7	Pulse Counting Node Selection	A/B pulse x4	A/B pulse x4
8	Counter Mcde Selection	Reversible counter	Reversible counter
9	Coincidence Detection Function Use Selection	not used	not used
10	Coincidence Interrupt Function Use Selection	not used	not used
11	Frequency calculation selection	X1	x1
12	Mask of Calculation by C-Pulse	disable	disable
13	Ring-Counter function selection	Finite length axis	Finite length axis 🔵
14	Reference Unit Selection	pulses	pulses
15	Number of Digits Below Decimal Foint	3	3
16	Travel Distance per Machine Rotation	0000010000	0000010000
17	Encoder Gear Ratio	00001	00001
18	Machine Gear Ratio	00001	00001
19	Maximum value of Bing Counter	0000360000	0000360000
20	Encorder Fesclution (Pre Guadrature)	0000016384	0000016384
21	Feedback speed moving average time constant	10	10

No.17 The wizard ends illegally by a simple operation.

When the application was generated automatically, the application of a simple operation had been downed when a simple operation was executed in the environment of Windows Vista and Windows XP-SP3. Therefore, this was corrected

No.18 Mistake of current step in PFORK at debugging mode.

A current execution step had moved to the second parallel divergence when step into/step over to PFORK. This was corrected because there was such a problem.



No.19 Problem of the version information in the SERVOPACK parameter backup file.

When a specific SERVOPACK was connected, the version information in SERVOPACK parameter backup file was not correctly stored. Therefore, this was corrected.

No.20 Bug of ladder display update.

This was corrected because the screen display did flicker when the scroll key was pushed and it was displayed.

PI#:	: CPU	#:	J	
1	0000	B 000000	MB000001	
1	0002	M8000000	MB000001	
1	0004	MB000000	MB000001	
1	0006	M8000000	MB000001	
1	0008	MB000000	MB000001	
1	0010	мводоооо	MB000001	
1	0012	M8000000	MB000001	
1	0014	M8000000	MB000001	
1	0016	мводоооо	MB000001	
1	0018	мвоооооо	MB000001	
1	0020	MB000000	MB000001	

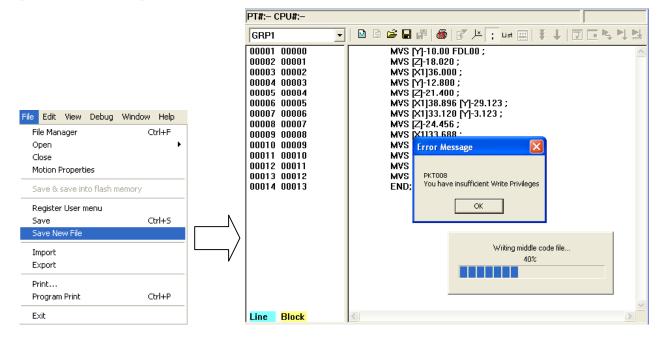
No.21 Trouble when the current value of SERVOPACK is acquired.

Even if reading failed in the acquisition of the current value from SERVOPACK, it was normally occasionally displayed that it had ended. Therefore, it corrected it like displaying warning.

Enginee	ring Builder	×
⚠	Failed to reading the SERVOPACK parameter. [ErrorCause] - The motion command is issued to a target axis by the application. - The connected SERVOPACK is different from link assignment of MECHATROLINK. - Communication error occurs. - The SERVOPACK is not connected.	
	[ErrorMeasure] - Please read again with the motion command not issued. - Please confirm link assignment of MECHATROLINK. - Please confirm the connection of MECHATROLINK and confirm setting the SERVOPA - Please connect the SERVOPACK.	ŧск.
	(OK	

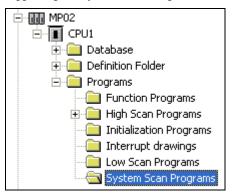
No.22 Bug of motion program saving privilege.

Because the error "You have insufficient Write Privileges" occurred if "Save New File" was executed for an existing motion program and it was not possible to save it, this was corrected.



No.23 Bug of simple mode display.

When a simple mode was selected, "System Scan Programs" was being displayed even by the controller who was not supporting to "System Scan Programs" in the file manager. Therefore, this was corrected



No.24 Bug of motion program single quote use.

When a single quote was used while commenting on the motion program, the compile error was occasionally generated. Therefore, this was corrected.

II:	PJOINT; ; MVS [Z]-1.700 [Y]-13.000 F3000K PFN; MVS [Y]-25.000 F3000K PFN; MVS [Z]-6.310 F6000K PFN; MVS [Z]-6.310 F6000K PFN; MVS [Z]-61.000 F1000K PFN; MVS [Z]-11.450 F5000K PFN; ; OB101B=0; IOW JE1110 1	1.21)
	Error List Compilation Error. After error correction, please compile again. Error Row Error Description 354 Syntax Error 358 Syntax Error 360 Syntax Error Close Close	

No.25 Bug of application converter.

When the application converter was executed, the drawing name specified by the SEE instruction in the drawing became an empty column occasionally. Therefore, this was corrected.

