JetControl 647

Version Update

V 3.50 to V 3.51

Jetter

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1   Introduction

Version Updates - Survey			
Version	**Function**	**upgraded**	**corrected**
V3.51	E-mail	✓	
	http-server	✓	
	FTP-server	✓	
	Files system	✓	✓
	Interpreter	✓	
	Register	✓	
	C-Task	✓	
	Modbus TCP	✓	✓
	JetIP	✓	✓

2   Eliminated Software Bugs

2.1 JetIP/Ethernet

2.1.1   Version number

If a client (version unequal 1.0) tried to establish a connection to the controller, this controller would not send back a reply.
This error has been corrected. Please also refer to JetIP 1.1.

2.2 File System

There was an error in the file system up to version 3.50. This error has been corrected as of version 3.51.
It would lead to data being destroyed after frequently switching off and restarting the system again.

For this reason, after os-update to version 3.51, the file system must be formatted. Load register 63749 with value 107. After this, switch the controller off and restart again.

2.3 Operating System Update to JX2-Modules

At an operating system update of a JX2 module with an operating system update of the controller to follow, a reset had to be made after updating the JX2 module. If this restart had not been carried out, the controller could not be updated with the new operating system. Now, this is not necessary any more.

3   Documentation Update

3.1 JetWay Commands N_Send/N_Get

These commands are only permitted to be used in tasks 0 through 31.

4   Additional Registers

4.1 SRAM Range 3

Now, 261512 additional registers have been made available.
First register: 2491000
Last register   2752511

5   IP-Address

5.1 General Information

Via registers 63816 through 63819, the IP-address could be changed up to now. This will still be the case in future, yet there are 4 further registers (63016 through 63019), which can also change the IP-address; yet, the change will not be effective before the next reboot. This means it is now possible to change the IP-address via JetSym, if a connection has been established; this way, the change will not be effective before the next reboot.

5.2 Register

IP-Address	
Register 63016	
Function	**Description**
Read	Last value
Write	New value
Value range	32 bits
Value after reset	Last value

IP-Address	
Register 63017	
Function	**Description**
Read	Last value
Write	New value
Value range	32 bits
Value after reset	Last value

IP-Address	
Register 63018	
Function	**Description**
Read	Last value
Write	New value
Value range	32 bits
Value after reset	Last value

IP-Address	
Register 63019	
Function	**Description**
Read	Last value
Write	New value
Value range	32 bits
Value after reset	Last value

6   New 32-Bit Registers

Registers 63600 through 63655 have been overlaid by flags 256 through 2046.

32 Combined Flags		
Register	First Flag	Last Flag
63600	256	287
63601	288	319
63602	320	351
63603	352	383
63604	384	415
63605	416	447
63606	448	479
63607	480	511
63608	512	543
63609	544	575
63610	576	607
63611	608	639
63612	640	671
63613	672	703
63614	704	735
63615	736	767
63616	768	799
63617	800	831
63618	832	863
63619	864	895
63620	896	927
63621	928	959
63622	960	991
63623	992	1023
63624	1024	1055
63625	1056	1087
63626	1088	1119
63627	1120	1151
63628	1152	1183
63629	1184	1215
63630	1216	1247
63631	1248	1279
63632	1280	1311
63633	1312	1343
63634	1344	1375
63635	1376	1407
63636	1408	1439
63637	1440	1471
63638	1472	1503
63639	1504	1535

32 Combined Flags		
63640	1536	1567
63641	1568	1599
63642	1600	1631
63643	1632	1663
63644	1664	1695
63645	1696	1727
63646	1728	1759
63647	1760	1791
63648	1792	1823
63649	1824	1855
63650	1856	1887
63651	1888	1919
63652	1920	1951
63653	1952	1983
63654	1984	2015
63655	2016	2047

7   JetIP 1.1

As of this version, the controller will support JetIP 1.1.

The desired version can still be selected via register 63012.
0: New version
1: Former version

This change is remanent and will not be taken over before the next controller reboot.