

### **Version 3.44 (build 10304)**

**Date: 2025-03-27**

New features:

- Improvements in MIS motor FW upgrades
- New setup bit - write protect the cyclic setup (bit 0x8000) in reg 6.
- New reg. 68 Number of times write protected registers are tried written since powerup
- New Diagnostic code 0x4001 - Warning: One or more write protected registers are tried written
- New reg. 69 - Number of times in life time a CRC error is discovered in a register bank
- New Diagnostic code 0x3001 - Warning: CRC error detected in one of the register bank copies

Bug Fixes:

- Protocol change to EthernetIP needed "Apply and save" in Mactalk before IP adress was working. Fixed.

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### **Version 3.42 (build 10278)**

**Date: 2022-09-27**

New features:

- Multiple register Write with explicit services. Up to 32 registers are possible in one write operation.

Bug Fixes:

- Fixed Explicit R/W of motor registers 256-511 via object class 0x66.
- Module I/O fixed for RM4 CPU type in MAC motors.

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### **Version 3.40 (build 10253)**

**Date: 2021-02-23**

New features:

- Added new commands for delayed reset etc.
- Support WiFi module in MIS motors.

Bug Fixes:

- Possible write of wrong registers when intensively using non-cyclic data solved.

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**Version 3.36 (build 10201)****Date: 2020-01-17**

New features:

- Mactalk 8 channel scope works also over Ethernet with Mactalk version 1.80.038 and newer.
- MIS motor firmware update with bootloader version > 1.3
- Block/unblock cyclic PLC data from Mactalk possible.
- Support for new RM4 CPU type in MAC motors.

Bug Fixes:

- New EIP stack version with corrected startup functionality.
  - Possible to issue cmd's via Mactalk Register Workspace pad.
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**Version 3.34 (build 1449)****Date 2017-08-15**

New features:

- Firmware update over Ethernet implemented.
- Motor registers 256-511 now accessible via explicit messages.
- Mactalk scope and eRxP works also over Ethernet.
- Shows new IP in Mactalk when changed by DHCP.
- Motor commands through module command register, mirrored to lower range enabling use of signed32 bit in PLC.

Bug Fixes:

- New EIP stack version with corrected gateway functionality.
  - Don't ruin MAC address and serial number accidentally.
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**Version 3.27 (build 1028)****Date 2013-11-18**

New features:

- 8 register implicit data, now has to be enabled and flashed.
  - EthernetIP and TCP/IP stack updated.
  - Added bootup LED test.
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**Version 3.25 (build 516)****Date 2013-08-16**

New features:

- Factory defaults restored if protocol type has changed.
- Module I/O can be mirrored to motor for use with eRxP.
- DLR now supported.
- DHCP now supported.
- Explicit R/W of module registers possible with class 0x65.
- Motor is forced in passive mode before sending 'save in flash'.

Bug Fixes:

- Occasional erroneous cyclic readings from MAC050-141 corrected.
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**Version 3.24 (build 464)****Date: 2013-04-02**

Bug Fixes:

- Connection to AB PLC again possible.
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**Version 3.23 (build 458)****Date: 2013-03-13**

New features:

- Implicit data changed from 5 registers in each direction to 8.
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**Version 3.21 (build 425)****Date: 2013-01-07**

New features:

- MacTalk communication via Ethernet now using official port no.
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**Version 3.20 (build 416)****Date: 2012-11-29**

New features:

- MacTalk communication via Ethernet possible.
- Upgraded Ethernet/IP stack version with lots of minor corrections
- If having mode register in both cyclic read and cyclic write,

the homing modes (12,13 and 14) are made one-shot.

Meaning that even though it's transmitted cyclic from the PLC it is not overwritten in the motor.

Recommended use: Transmit the homing mode until the read mode from the motor changes, then change to wanted mode.

bug Fixes:

- Corrected function of module register 48.
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### **Version 3.10 (build 338)**

**Date: 2012-07-11**

New features:

- 2Mbit communication with MIS34/SMC85.
  - PDO like communication with MIS34/SMC85 => Much faster cycle times possibly.
  - Common maf-file for MAC00-Elx and MIS34xxxxEI.
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### **Version 3.03 (build 330)**

**Date:**

New features:

- Now support for MIS34x

bug Fixes:

- Power LED enters known state after re-applying P+.
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### **Version 3.01**

**Date:**

New features:

- Now support for MIS34x (only special edition with RS232)
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### **Version 3.00**

**Date:**

New features:

- MAC050-141 now fully supported.  
(Requires version 9.00 or higher of motor firmware)
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**Version 2.00****Date:**

- Motor stops if cyclic connection lost
  - Upgraded EthernetIP stack version with lots of minor corrections
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**Version 1.84****Date:**

- First official release
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**Version 1.0****Date:**

- First test version
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