MS MPx Firmware – Changelog

version 8.16.0 -30/10/2026

- Line Spacing on info page of Jp4 3200 revamp
- improved logs including meteor logs MSE-1222 Rimozione file di report Meteor vecchi
- MP-series e JP4-revamping-katana WF update
- False head supply alarm
- sw limit for steppeer
- beep on print end
- Vacuum labels on IO module
- Meteor Sybsystem Failure! [013b0] handled
- Zoom in X on web page

version 8.14.2 - 10/2/2026

- Real-Time/Error Logs integrated into MPFW to Improve Board Diagnostics without Meteor Report Downloads
  improved link visualization of web page on chrome
  Default values in web page
  waveform list visualization and wf import on web page
  fix of Print job number
  fix poweron time while resetting it
  improved vacuum fans management
  improved Ready state in case of warning
  Head supply ok input mapped to log for error detection
- info on ethercat components
  wrong power on time
  labels layout improved in web page
  acustic signal on print break
  CCR of CAN fdrive
  wiping positions menu enhanched
  Red screen when X axis disable in JP4 3200 revamp because Xtemp
- Line Spacing enhanchement on info page of Jp4 3200 revamp
- Excess log during wrong direction of Winder/UnWinder detected , fix log
  Posizione errata scritte etichette pagina web
  Heads temperature show in web page even heads are OFF for JP machines

- Durante autocleaning viene visualizzato messaggio generico che confonde la selezione fatta
- Segnalazione acustica necessaria quando si ferma la stampa
- MP-series - NON corretta visualizzazione del Safety SW CRC
- Implementare gestione errore lavaggio non in posizione MP5000
- MP3-4x00 con small roll - Unwinder unit|Jognot started

Version 8.08.09 – 23/07/2026

- headtemp graph fix circular buffer point
- Add light color to headtemp graph
- hide previuos mounth data
- wrong M and N modalities for MPK 2CMYK printers
- Meter counter counts in negative on MP3100

Version 8.08.06 – 07/07/2026

- change strings for MP external devices
- remove http temperature value if heads are poweroff
- fix problem on headtemp change day

Version 8.06.10 – 18/06/2026

- fix bug when switch to torque with ext unw it remain. On MP5000 switch between Unwinder Built in → External now works

Version 8.06.09 – 22/05/2026

- add HBL 6.7.4 support to fix Meteor error message while early abort command

Version 8.06.08 – 19/05/2026

- Fixed the buzzer that never stops ringing

Version 8.06.07 – 18/05/2026

- invert bars and remove white spaces
- Add HBL 6.7.3 fix crash on powerSpitting
- fix max width range in test width
- Update frameworklib pointer
- volume change. need PLC ver 1.1.94x or above
- buzzer if remote and one ink low level test1
- Remove ID_BALLERINI % not usefull

Version 8.06.06 – 11/05/2026

- Fix wrong levels when change test modality
  insert lock for meteor operations
  Fix import license

Version 8.06.05 – 08/05/2026

- winder sensor become winder dancer same for unwinder
- change error message PTC from dryer
- try to fix winder unwinder wrong direction restoring situation
- remove disable UI during spitting on idle
- restore “READY” message on interface
- unwinder limit error verbose log. to test

Version 8.06.04 – 07/05/2026

- Avoid turn off vacum in multi pass test
- Fix "Ready" as status string

Version 8.06.02 – 06/05/2026

- Fix spitting on odd heads
- Fix blink on Ink supply + fix status message

Version 8.06.01 – 30/04/2026

- Fix import/export license procedure
- Add barGap parameter
- Fix import waveform problem from USB
- Add MBA kte waveform
- Wiper spray start stop default modified
- try to restore meniscus pressure more quickly is SMC distance is large
- Fix for headgap
- Fix QR fixed position
- Fix HBL version Number
- Add percent message for encoder test and fix precise step to 10enc
- ix slant/stack test straight lines
- Add lateral bars
- Fix license expire date
- inhibit Z home if front doors open
- Fix ortographics Zorzoni's errors :)

- avoid commands if cover open in many buttons, fix a zorzoni bug in switches cover open detection
- Fix stuck enable X axis

Version 8.04.45 – 22/04/2026

- remove older wf files type
- spitting error while WF send run
- adjust YAlignment test sequence colors
- New Default parameters
- Spitting stopped on colors with VI disabled
- Close capping if FillUp not running after a session
- Average speed negative in HTTP server fixed
- File name with special car fixed
- Change visual priority for inks and disable fill up if ink disabled
- Fix update message on heads reboot

Version 8.04.44 – 16/04/2026

- Fix reconnect procedure-
- Add RMS on diagnostic panel
- Update PLC version to 1.1.934

Version 8.04.43 – 15/04/2026

- Fix external dryer socket enabled on MP4100

Version 8.04.42 – 14/04/2026

- Fix problem on change head and download waveform + fix SN rebuild from kyocera string
- Spit with only enabled head rows
- Add katana waveform security
- Remove waveform editor
- Add enable/disable spitting logs and Fix average temp from selected head rows
- Fixed problem on view registration temperature in bidi test
- PMU Restore meniscus pressure timeout error and fault PMU
- Fix Pressure Roll temperature and heater temperature update even if not in running state, logs waiting for meniscus pressure in range
- Remove Fill up time from fill up button

- Close capping when fill up completed
- Press roll temperature offset management -5
- MP5000 Widener check
- Error message refactory
- CRC ERROR: la struttura dei files Media è stata aumentata in modo errato da quando abbiamo inserito l'“XCompensation“. Nella versione 42 è stata rimessa a posto ma naturalmente il CRC vecchio non coincide con quello ricalcolato. Per risolvere bisogna cambiare un parametro di uno dei Media set e salvare uscendo dalla pagina dei media. Questo fa ricalcolare i CRC giusti e sistema il problema.

Version 8.04.41 – 08/04/2026

- Fill up procedure fix for multiple selections
  Remove Fill up timers
  Pressure roll temperature fix min 30
  Belt heater min temperature to 30

Version 8.04.40 – 02/04/2026

- Fix Fold sensors flag that was comment in PLC
- Change PLC Ver to 1.1.926
- Fix current position button in interface for fold sensor parms
- Remove verbose log if wiper CMD_SET_POSITION fails in framework
- Change Framework lib to 2.3.10

Version 8.04.39 – 01/04/2026

- Add sublimatic waveform 102
- Send waveform when head change
- Add log when voltage were changed
- Fix “test drop size” with new parameters

Version 8.04.38 – 27/03/2026

- Fixed some tests and one crash when matchprint send “passes number” to zero.

Version 8.04.37 – 23/03/2026

- Remove the check of warning on externar winder/unwinder that prevent the printing even if ignored

Version 8.04.36 – 20/03/2026

- Z move speed reduced
- Double Z homing
- Trick to fix Z homing instability (2 Z homing one after capping)

- Avoid crash in if (Plotter.DevZ == NULL) in utilization for log abs position
- PLC Ver 1.1.896 (Z home speed reduced)
- Fix problem on bidi test scale
- Fixed problem on change stitching par

Version 8.04.35 – 16/03/2026

- Removed new ccm for 5000 winder back to 270IMAX
- change bidi test and parameters

Version 8.04.34 – 16/03/2026

- New CCM for Built in Winder 3000 3100 4000 4100 CTRL IMax to 400 instead of 270

Version 8.04.33 – 14/03/2026

- Z stepper abs encoder diagnostic
  External Unwinder not ready and fault not signaled if buildin winder disabled

Version 8.04.31 – 06/03/2026

- resize graph info in page for 16x9
- resize log page for 16x9 gui
- Try to remove verbose log
- fix and add registered temp on bidir test rif. MSE-731
- M N new printing modalities

Version 8.04.30 – 05/03/2026

- Restored NumPad X Jog functionalities from HMI
- fix Jog and Current position button xposition in window

Version 8.04.29 – 04/03/2026

- Change Winder Unwinder motor limit speed in RPM to follow new Y speed

Version 8.04.28 – 03/03/2026

- PLC Ver 1.1.866 with new diagnostic traces for winder unwinder
- New initialization factory class with smart pointers and fix for error handler crash
- Removed verbose log for Upper Limit reached in winder
- Change slant/stack and check pattern test
- Set Bayer modality for stitching and masquerading
- Disable test and check bidir when heads are not initialized