

CPM5x00 Product Revisions

Released: June 15, 2022

Software: **ForcePak 3.5.4.11**

- Update:
- Added Batch Confirmation feature
 - Part Profile settings are now loaded from Part Profile file
 - Fixed issue when using Manual sensor scaling
 - Added the wire hold feature
- NI DAQ
- Fixed issue when using 2 channel mode
 - Fixed real time mode when using 2 channel mode and NI DAQ
 - Advance sensor configuration viewable when unit is calibrated

Released: March 30, 2022

Software: **ForcePak 3.5.4.8**

- Update:
- Fixed issue with Process Deviation Error not activating Fail outputs
 - Fixed issue when using reset to Defaults
 - Updated Chinese language translations
- OES DAQ
- Fixed issue when using inputs for Fail Reset
 - Changes when unit is powered on and off
- OPC UA Server (OPC Version 4 changes)
- Added support for multi-reference
 - Added CurveInfoEvent
 - Corrected time in CurveInfo object
 - Updated OPC files to 1.7.6
- QPM
- Critical Fail output set same as Fail output when channel disabled by QPM
 - Coroplast data, fixed issue when changing filename
 - Added debugging option for OES DAQ
 - Added support for 2 channel FvsD with OES DAQ
 - Fixed curve size issue in CrimpAbility
 - Added feature to disable CDA-L (All curves will pass)
 - Curve info CPK value changed to 2 decimals

Released: January 17, 2022

Software: **ForcePak 3.5.4.2**

- Update:
- Fixed issue with Fail output dialog reset
 - Removed display issue in 3.5.4.1, BIOS update on LE-37D units
- OPC UA Server
- Fixed issue with Status not updating after Fail reset by time
 - Added CurveID to CurveInfo object
 - Learn curves now shown in CurveInfo object
 - Fixed Fail beep on Windows 10
- OES DAQ

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- Fixed issue with Gain setting not loaded on startup

Released: November 30, 2021

Software: **ForcePak 3.5.4.0**

- Update:
- Added OPC UA Server version 1
 - Added barcode options under Advance dialog
 - Added MAC address to Set Date, Time & Network dialog
 - Added network mode and number of hardware channels now in Admin Options under ADV dialog
 - Added I/O setting maintained when changing network mode or number of hardware channels
 - Fixed Port status showing blocked ports as allowed
 - Fixed when using 2 channels and channel 1 is set to learn
 - Fixed when loading Part Profile with learn curve
 - Fixed directory issue when using log player (location of part profiles, etc.)
 - Fixed I/O settings being reset after changing FvT to/from FvD and rebooting unit
 - Fixed Critical fail not reset when using KeyPad or Password with QPM if press locked by QPM
 - Fixed I/O initial status after changing I/O settings if channel disabled or paused
 - Fixed issue with language setting changing back to English after rebooting unit

Released: September 17, 2021

Software: **ForcePak 3.5.3.40**

- Update:
- Log player now uses original curve data from log file
 - Fixed issues with outputs when using QPM

Released: August 19, 2021

Software: **ForcePak 3.5.3.39**

- Update:
- Fixed issues with security logging
 - Fixed issue with Curve Mismatch
- Log Viewer
- Log files are now copied to "My Documents\ForcePak Log Viewer\"
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Released: August 9, 2021

Software: **ForcePak 3.5.3.37**

- Update:
- Added security logging
 - Added csv logging option

Released: July 15, 2021

Software: **ForcePak 3.5.3.35**

- Update:
- Real Time shows position sensor when no force sensor is connected
 - Updated translations
 - Fixed issue when using Voltage input
 - Fixed issue when changing between FvsT, FvsD, VvsT & VvsD
 - Fixed issue when changing between AD/DC mode
 - Fixed issue with Reference Status message having an extra byte in the response
 - Fixed issue when using multi-reference mode
 - Fixed issue when loading saved settings

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Ethernet commands added

- Added support to get sequence number that the CPM is ready to process
- Load part and IO profiles already saved on unit
- Get information (Unit name, protocol version and software version)
- Allow Ethernet mode when using log player

QPM

- Fixed issue if fail output settings are changed when QPM disabled ForcePak
- Fixed issue when opening older log files

Released: May 4, 2021

Software: **ForcePak 3.5.3.30**

- Update:
- Fixed issue when using QPM with fail outputs using reset by input
 - Update System Information for new CPM5000 hardware
 - Customized barcode release
 - Fixed issues with Real Time mode when enabling and disabling
 - Fixed Output status on startup when using OES DAQ
 - Fixed Real Time mode after using Reset to Defaults
 - Fixed issue with Updater on Windows 10
 - Moved Enable clear counters on status bar to Counter Options dialog in config
 - OES DAQ improvements
 - Number of channels changeable when using OES DAQ

Released: April 2, 2021

Software: **ForcePak 3.5.3.23**

- Update:
- Update to Windows 10 support.

Released: March 9, 2021

Software: **ForcePak 3.5.3.22**

- Update:
- Fixed issues with trigger level when using different sensor ranges
 - When using fail output reset keypad or password with multiple outputs, only 1 message appears to reset them
 - Fixed issues with fail outputs when using Setup Mode with QPM

Released: February 22, 2021

Software: **ForcePak 3.5.3.21**

- Update:
- Added bar code reset and part loading capability

Released: February 3, 2021

Software: **ForcePak 3.5.3.20**

- Update:
- Fixed issue with Fail Output status when unit restarted

Released: February 1, 2021

Software: **ForcePak 3.5.3.19**

- Update:
- Changes to sensor scaling
 - Fixed issues with auto gain

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- Sensor configuration basic screen shows sensor range in display units
- Sensor Selection is now Force/Strain or Voltage

Released: January 25, 2021

Software: **ForcePak 3.5.3.18**

- Update:
- OES support file, added device name and hour/min to filename
 - Fixed issue with Fail Output status being changed while sensor is disconnected
 - Fixed issue with sensor scaling
 - Added option to disable learn timeout
 - updating older units learn timeout from minutes to seconds, limits timeout to 300 seconds

Released: December 23, 2020

Software: **ForcePak 3.5.3.15**

- Update:
- Fixed labels in Signature Analysis dialog
 - Disabled calibration button in Tools dialog when using the log player
 - Fixed issue with Learn button on 2 channel unit

Released: November 30, 2020

Software: **ForcePak 3.5.3.14**

- Update:
- Added learn button acknowledge for single channel
 - Added channel check when loading saved config files
 - Removed Auto Learn feature
 - NI-DAQ now shows 'NI DAQ - new' for newer version boards
 - Changed learn timeout to seconds was minutes
 - Fixed issue if learn button pressed and then part profile with learn loaded
 - Fixed issue when switching between part profiles with and without sequences

Released: November 4, 2020

Software: **ForcePak 3.5.3.10**

- Update: QPM
- Fixed issue with Fail Output not enabled on restart if channel disabled
 - Changes to learn process
 - Fixed issue of Fail Output reset dialog not shown if user has the menu open
 - Locking of channel enables Fail Output even if reset method set to time
 - Fixed issue with Fail Output not enabled when learn or channel timeout occurs
 - Fixed issues with validation mode
 - Fixed issue if unit restarted while in learn
 - Improved QPM communications logging
 - Fixed issue with validation mode command
 - Fixed total counter in curve info message for OES QPM
 - Added Set Counters message

Released: October 2, 2020

Software: **ForcePak 3.5.3.6**

Update: QPM

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- Fixed issue with curve message on failed curve
- Added QPM communication logging

Released: July 27, 2020

Software: **ForcePak 3.5.3.5**

- Added Italian language
- Fixed issue with menu button not showing for Admin user on a USB Drive
- Fixed issue with language translations not being used in config and machine config
- Changed Pass or Fail output to Data Valid
- Added Learn Curve storage with Part Number
- Added Ready output
- Fixed issues with learn timeout
- Pass output is turned off if still on when firing pulse received
- Firing Pulse Delay added
- Automatically checks and updates Windows Firewall configuration
- Fixed issue with Windows Firewall information shown in About screen
- Defaults to Ethernet communication

Log Viewer

- Fixed issue with language settings not saved in Windows 10 and higher

QPM

- Added support for curve information message
- Added support for validation cycles

Log player

- Fixed issue when playing a log that is not in lbf force
- Fixed issue with auto learn when curve doesn't start at a low force

CPM

- Auto learn for NI DAQ same as OES DAQ
- Learn dialog now shows option for Auto or Manual learn mode
- Added Critical Fail output
- Added learn timeout to CPM
- Added more configuration options for curve mismatch

Released: March 27, 2019

Software: **ForcePak 3.5.2.7**

- Update:
- OES DAQ Support
 - Speed of updater improved
 - Added System Information dialog

Released: February 25, 2019

Software: **ForcePak 3.5.1.3**

- Update:
- Updated translations
 - Fixed time issue with daylight savings time
 - Added AutoLearn feature with NI

Released: December 21, 2018

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Software: **ForcePak 3.5.0.35**

- Update:
- Changes to log exporting to csv file
 - Updated Chinese translation
 - Changes to communications protocol
 - Ethernet Communications - Now checks for cable unplugged and other errors
 - QPM or network communication supported enabled
 - Real-Time Mode added button to Send pass output for channel 1
 - Improved TCP/IP communications
 - Remote log file added support to download and convert log file to csv
 - Windows Firewall status added to About screen

Released: July 23, 2018

Software: **ForcePak 3.5.0.10**

- Update:
- Brought format to match ForceView3 from other products
 - Fixed issue with default user
 - Updated 3rd Party Calibration
 - Added Real Time Data Player to log viewer

Released: January 22, 2018

Software: **ForcePak 3.1.6.60**

- Update:
- Added Romanian translation
 - Changed Real Time Mode range settings units to mv.
 - Support for USB drives using BitLocker encryption.
 - PVM FvsD - Added option to disable the Auto Set Capture Range
 - PVM FvsD -Changes to distance offset feature
 - CPM Multi-reference - no input, stays on current channel instead of changing to next channel.

Released: April 17, 2017

Software: **ForcePak 3.1.6.36**

- Updates:
- Calibration Report changes
 - Fixed memory issue with relearn

Released: March 24, 2017

Software: **ForcePak 3.1.6.35**

- Updates:
- Process Deviation error checks learn permission if learn authorization enabled

Released: March 6, 2017

Software: **ForcePak 3.1.6.34**

- Updates:
- Fixed possible issue with log file being viewed and compressed at the same time
 - Added markers to trend graphs when a Target Recalculation occurs
 - QPM VOSS - Added sending curve info when learning

Released: January 26, 2017

Software: **ForcePak 3.1.6.33**

- Updates:
- Fixed issue if you create a log file before learning
 - Fixed issue when using the go navigate to last curve button

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- Fixed issue if you are in the USB menu and the learn process completes
 - Allow USB drive to override password dialog on fail if you already acknowledge the fail dialog.
- (Note: USB drive must have required permission)

Released: December 20, 2016

Software: **ForcePak 3.1.6.30**

- Updates:
- Update removes the error priority from CDA algorithm.
 - Changes to csv export.

Released: December 13, 2016

Software: **ForcePak 3.1.6.29**

- Updates:
- Fixed Settings -> Info -> ADV -> Options/ "Disable prompt relearn.
 - Added support Home Pulse only for sequence.
 - Updated the learn output for sequence.
 - Updated the sensor range for sequence.

Released: November 11, 2016

Software: **ForcePak 3.1.6.28**

- Updates:
- Fixed I/O status dialog for Outputs 3 and 6
 - Fixed input and keypad reset for Outputs 5 & 6
 - Changes to input reset dialog

Released: September 29, 2016

Software: **ForcePak 3.1.6.20**

- Updates:
- Changes to CPK calculation
 - Fixed issues with fail output when using sequencing
 - Screen timeout to overview disabled when in Setup Mode
 - Fixed CPK dialog not showing sequences 4 or higher
 - I/O saved with Part Profile
 - Fixed issue when using Fail output with sequence

Released: September 19, 2016

Software: **ForcePak 3.1.6.19**

- Updates:
- Added Polish language support
 - Fixed problem with showing Calibration make and model on the PDF report
 - Fixed issue when loading a part number from distance to time puts the unit back to old hardware
 - When in calibrate mode, trigger set to 1% and filter set to 8ms
 - Added support to 9 calibrate channel 2
 - Calibration date shown in Sensor configuration if channel is calibrated
 - Changes when using a Rotary encoder
 - Fixed IO Status screen, Output status was incorrect for 3 & 6
 - Added symbol to trend view show if the unit is in FvsT, FvsD-I, FvsD-r (CPM)
 - Various bug fixes
 - recreate the x axis scale problem where the distance scale is set 1V = 1mm
 - The rotary encoder, it should correct the regions and how they are drawn

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