CFM4x00 Product Revisions

Released: *March 11, 2022*
Firmware: **CFM35089-1.5.2W13**   Software: **ForceView 2.3.4.3**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Added log file settings export feature
                  - Added Machine and Channel settings export to friendly file format
                  - Added CFM settings capture export to friendly file
                  - Added support exporting the CFM settings to an XML file.
                  - Bug Fix: Part number did not clear when changing limits from the Trend charts.
                  - Bug Fix: Sensor units gets reset when opening CFM setup dialog.
                  - Bug Fix: Loading machine configuration sometimes caused exception errors in dictionary lookup
                  - Bug Fix: Output modes settings
                  - Bug Fix: Loading configuration files from the Config dialog.
                  - Bug Fix: CFM4100 Output mode incorrect

Released: *September 22, 2021*
Firmware: **CFM35089-1.5.2W13**   Software: **ForceView 2.3.2.6**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Added support for 66Mhz processor.
                  -***must change Ethernet port to 115200 baud rate.

Released: *September 21, 2020*
Firmware: **CFM35089-1.5.2W12**   Software: **ForceView 2.3.2.6**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Added support for the CFM2100R model

Released: *April 23, 2020*
Firmware: **CFM35089-1.5.2W11**   Software: **ForceView 2.3.2.6**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Added alert to user opening a FV3 log files
                  - Updated Firewall exception list handling
                  - Updating loaded Profile name
                  - Added event handler for Profile name changed.
                  - Added support for new Board ID 09 (CFM2100R)
                  - Added Calibration support for CFM2X00 and CFM4x00's

Released: *September 12, 2019*
Firmware: **CFM35089-1.5.2W11**   Software: **ForceView 2.3.2.1**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - MX version is no longer needed, amalgamated together.
                  - Added support for adjustable Learn Timeout feature for CFM1000 and CFM2100
                  - Updated Reset to Factory Defaults feature

NOTE:
OES is committed to supporting our customers by continuously improving our products with new features and enhancements to advance the product performance in the production environment. These new product versions are made available to our customers following extensive testing and validation to ensure reliable performance. Since we cannot replicate the production environment it is recommended that the customer validate the new version for performance specific to your machine, process, and production environment to ensure this new release meets performance expectation.

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Released: *February 19, 2019*
Firmware: **CFM35089-1.5.2W10MX**   Software: **ForceView 2.3.1.7**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - The 1,2,3, Re-Boot removed from the unit.
                          - Removed set to defaults from Configuration menu as well.
                          - At this point the only way to reset default is to connect to ForceView and set from there.

Released: *February 6, 2019*
Firmware: **CFM35089-1.5.2W10**   Software: **ForceView 2.3.1.7**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Updated GUI with a Timeout identifier on Learn Failed
                          - Added unlearn channel (ALL) on start of Real-Time mode
                          - Added disable Learn Timeout on unlearn
                          - Added Timeout feature of 30 seconds when learning, works in multi- channel mode
                          - Added buzzer and LED for Learn Fail and ProcDev
                          - Fixed Chopper Stations = 0 bug;
                          - Removed Chop at Start check-box;

Released: *January 31, 2018*
Firmware: **CFM35089-1.5.2W9**   Software: **ForceView 2.3.1.5**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Learn button visibility set by User Manager (Visible by default).
                          - Add support to navigate through very large log files.
                          - Added Log Viewer navigation controls: Next/Prev Begin/End.
                          - Added SendMode Message when target recalculation happens.

Released: *December 12, 2017*
Firmware: **CFM35089-1.5.2W8**   Software: **ForceView 2.3.0.0**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - Prevent Sensor Scale and units from resetting when CFM is calibrated.
                          - Bug Fix: Press isn't shutdown when loading a profile.
                          - Fixed flicker of screen when it refreshes
                          - Added automatic Set Learn Mode for when loading a new Part Number
                          - Added: CFM automatically starts learning when entering learn menu
                          - Added calibration data reset button to allow for user to remove data entry;
                          - Bug Fix: Calibration menu disappears if language selection is changed;
                          - Added firmware version check and model check before reading calibration data;

Released: *May 30, 2016*
Firmware: **CFM35089-1.5.2W7**   Software: **ForceView 2.2.31.2**
Framework: .NET 4.0   Windows: XP (sp3), Vista, W7, W8, W10
Updates: - When learn minimum was set to 2 pieces the first part out of learn would typically show fail.
                          - Improved ATR functions.
                          - Bug Fix: Some channel and I/O settings were not updating the CFM;

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- Bug fix: SPC tolerance did not update properly;

Released: January 8, 2016
Firmware: **CFM35089-1.5.2W**   Software: **ForceView 2.2.31.0**
Framework: .NET 2.0 (SP2)   Windows: W2000 Professional (sp4), XP, W7, W8, W10
Updates: - Added key to learn feature for Delphi
          - Bug fix: loading profiles containing learn data triggered an OnLearn event which updated the previous file reference instead of the current file reference.
          - Authentication fixed if computer is not connected to the internet.

Released: December 10, 2014
Firmware: **CFM35089-1.5.2N**   Software: **ForceView 2.2.28.3**
Framework: .NET 2.0 (SP2)   Windows: W2000 Professional (sp4), XP, W7, W8, W10
Updates: - Improved display of sensor connect icon on learn screen of 2 channel units.
          - Bug Fix: Improved handling of multiple channel logging controls;

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