MBScope Mainline Change Log

v4.2.1   June 23, 2016

[All Architectures]
- Bug 2130: Factory license check sometimes fails
- Bug 2232: Encryption had chance of failing in 1/255 times

[MBG5PC]
- Bug 2213: Calibration – The 'send calculated' is grayed out after clipping
- Bug 2226: Firmware Loader – Fails because timeouts were too short
- Bug 2209: Service Panel – Transfer functions missing tuning version in the file name
- Bug 2205: Service Panel – Sweeps sometimes not starting (force-closing the tool)

v4.2.0   June 3, 2016

[MBG5PC]
- Feature 1124: Service Panel Revamp
- Feature 1078: Calibration Panel – Show the OL Natural Frequency
- Bug 2013: Event Viewer – Unable to open ASD v2.3
- Bug 2016: Amplifier Configuration Panel – Remove the erroneous "Temperature Switch Warning"
- Bug 2019: Parameter Loader – Verify button does not update the progress bar
- Bug 2046: Parameter Loader – "Send PVF and Store to NVRAM" Right-Click Menu Item Does Not Prompt Confirmation/Do Anything
- Bug 2020: Trending – Axis re-scale
- Bug 2042: Trending – Low Speed Trending Bugs (preview window)
- Bug 2047: Trending – Performance issues when starting trend
- Bug 2048: Analyzer – Save As will crash application when there is no data
- Bug 2076: Analyzer: Timestamp of trending saved files not correct
- Bug 2157: Control Panel – When first opening Control Panel, garbage values are appear in fields.

[MBDrive]
- Bug 2170: [S2M] MBDrive – LCFILTER (and also for ISREF_RAMPUP) some parameters and processed parameters are not show in the box

v4.1.2   May 9, 2016

[All Architectures]
- Feature 1033: .NET upgrade to v4.5.2

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[MBG5PC]
- Feature 1049: Calibration Panel – Triangular Calibration Implementation
- Feature 1031: Analyzer / Service Panel – Extend signal generator resolution & improved chirp generation
- Bug 1984: Analyzer / Signal Generator - Amplitude and offset units were incorrect
- Bug 1920: Analyzer / Service Panel - Allow non-power of 2 FFTs
- Bug 1929: Service Panel - Transfer functions following first transfer functions are not valid
- Bug 1930: Analyzer / Service Panel - Number of chirps processed not correct when finishing process
- Bug 1932: Analyzer / Service Panel – ONO exporting the wrong speed value
- Bug 1951: Analyzer / Service Panel - Manual scaling of right axis does not work
- Bug 1989: Analyzer / Service Panel - Display frequencies that are not computed yet
- Bug 1995: Analyzer / Service Panel - INI file not loading correctly
- Bug 1997: Analyzer – Live axis not being displayed
- Bug 1999: Analyzer – Not opening previous ANL files
- Bug 1952: Service Panel - Status begins with "Transfer functions completed" when multiple tabs are available in template file
- Bug 1643: Service Panel - Time estimate was incorrect
- Bug 1945: Service Panel - Not going through all the axis
- Bug 1978: Service Panel - Implement option to not display cross transfer functions
- Bug 1979: Service Panel - Display of data does not agree with current sweep frequency
- Bug 1980: Service Panel - Crashes while sweeping second axis
- Bug 1988: Service Panel - Getting stuck while sweeping in one axis

v4.1.1   May 6, 2016

[G4]
- Feature 1113: Support for Enhanced Serial RTP Controller Type
- Bug 1966: [Firmware Loader] Unable to code load G4 systems

[MBC150416]
- Feature 1015: [Event Viewer / Control Panel] Improvements
- Bug 1603: [Firmware Loader] Inconsistent ability to firmware load
- Bug 1879: [Firmware Loader] Fails when loading firmware
- Bug 1921: [Firmware Loader] Fails for some network interfaces
- Bug 1933: [Firmware Loader] Crashing when pressing the cancel button
- Feature 1054: [Firmware Loader] Add timeout to TFTP process when transmission is interrupted or not started
- Bug 1802/1878: [Launcher] Parameter Switcher is not appearing in the list
- Bug 1880: [Configuration Panel] Radial sub block is not working
- Bug 2041: [Configuration / Service Panel] - Allow Store to Flash closing after error

[MBDrive]

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- Bug 1926: [Control Panel] Unable to open other panels when this panel is open

v4.1.0   March 4, 2016

[G5PC]

- Feature 821: Updated Licensing (including PC lock licenses)
- Feature 987: [Event Viewer] Added the ability to download alarm snapshots
- Feature 973: [DataEngine] Added the ability to connect to multiple controllers
- Feature 980: [DataEngine] Added support for SSV2 from the controller
- Bug 1775: [DataEngine] Improved the detection for missing TDC bits
- Bug 1778: [DataEngine] Invalid snapshot data from the controller causes a crash
- Bug 1813: [DataEngine] Memory leak during connection process
- Bug 1869: [DataEngine] MBServer TCP connections are excessively slow
- Bug 1897: [DataEngine] Snapshot frame errors should not be happening
- Bug 1468: [Firmware Loader] Support for 64-bit
- Bug 1874: [Firmware Loader] Remote TCP connections should not be supported
- Bug 1538: [Trending] ISO limits causes a crash when non-position channel is selected
- Bug 1779: [Trending] Slow speed trends have corrupt data
- Bug 1807: [Trending] Slow speed trend is crashing
- Bug 1732: [Parameter Loader] Context menu actions do not have a confirmation
- Bug 1760: [Service Panel] Cancelling a sweep doesn't stop the sweep in the controller
- Bug 1875: [Analyzer] Transfer functions restarting automatically
- Bug 1761: Settings are not getting saved when closing a panel
- Bug 1773: Analog TDC and Resolver scaling is incorrect (affects all snapshot data)

v4.0.1   December 17, 2015

[G5PC]

- Feature 822: Added support for encryption
- Feature 903: [Analyzer & Service Panel] Provide ONO files in the output file (factory users only)
- Feature 916: [Analyzer & Service Panel] Improved selection browsing for a folder to save files
- Feature 917: [Analyzer & Service Panel] Automatic ISO view setup when enabled
- Feature 961: [Service Panel] Allow access to the template editor (factory users only)
- Feature 963: [Service Panel] Append date and time to filename to avoid overwrite
- Bug 1547: [Analyzer] Possible crash on startup if firmware version cannot be read from controller
- Bug 1554: [Analyzer & Service Panel] Consistent naming convention between panels
- Bug 1556: [Analyzer] Template Editor - Parameter entry errors
- Bug 1559: [Analyzer] Template Editor – Unable to save/copy a template
- Bug 1560: [Analyzer] Tool stopping when injection data was unavailable for processing
- Bug 1562: [Analyzer & Service Panel] PVF capture occasionally fails
- Bug 1616: [Analyzer] Causes the snapshot window to stop updating when analyzer launched
- Bug 1677: [Analyzer] Transfer function was shown with invalid frequency data
- Bug 1687: [Service Panel] Missing from the Launcher

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- Bug 1698: [Analyzer] ISO limits are the wrong scale
- Bug 1699: [Service Panel] Exception when uploading template file
- Bug 1702: [Service Panel] [Analyzer] Template Editor – Error when 'cancel' is clicked
- Bug 1703: [Service Panel] [Analyzer] Template Editor – Changes lost when 'cancel' is
- Bug 1718: [Analyzer] Connection was mandatory to open the tool

v4.0.0   October 30, 2015

[All Architectures]
- Feature 819: Updated Branding
- Feature 820: Updated to new Licensing Key Scheme (v5)
- Feature 890: Added plugin support for MBG5

[G5PC]
- Feature 818: Added ISO display
- Bug 1477: Removed 'Quick Help' from all tools
- Bug 980: [Snapshots] Fixed the start/stop button text
- Bug 1014: [Event Viewer] Exception while reading the event log when not connected
- Bug 1484: [Event Viewer] Controls were extending beyond the application window, hiding the status bar with the connection information
- Bug 1157: [Trending] Data Collection Template didn't store the max file size
- Bug 1207: [Trending] Removed the TDC bit from low speed trending
- Bug 1169: [Calibration] Run Menu items didn't work
- Bug 1199: [Configuration Panel] Application icons were incorrect
- Bug 1496: [Launcher] Amplifier Configuration tool was missing

v3.2.8   June 18, 2015

[G5PC]
- Bug 500: Updated GCI which fixed an out of memory exception
- Bug 909: Code Cleanup of parameter loader code
- Bug 936: Parameter loader paths handle illegal characters properly
- Bug 975: TDC Bit allowed to be obtained by trending tool
- Bug 1013: Fixed the progress bar going over the max allowable value in Parameter Verify code
- Bug 1107: Updated GCI to fix memory leaks
- Bug 1122: Advanced settings panel will now properly restart the data engine
- Bug 1131: Imported communication bugs from E300V2 MBScope
    - Added Lock conditions to prevent simultaneous access to code
    - Null Reference when closing communications was fixed
    - Only start a new MBDataEngine service of the other had closed completely
- Bug 1159: A failure while reading the INI in the trending tool will not abort the reading operation
- Feature 168: Allowed changing of front panel parametrs (eg. alarm limits) from the control panel
- Feature 521: Changed Launcher to read "Launch Tool" instead of "Launch Application"

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- Feature 561: Firmware loader does not require admin privileges (apart from when using the G3 parallel port connection)

[G4]

- Bug 966: Analyzer injections are disabled before exiting the form

v3.2.7   March 18, 2015

[G5PC]

- Bug: Fixed parameter fields not being verified correctly due to a missing delimiter in the code.

v3.2.6   March 13, 2015

[G5PC]

- Bug 412: Moved test mode checkbox to control panel main page
- Bug 733: Changed display of volatile parameter dialog to be more clear
- Bug 848: Motor inhibit status is displayed along with motor status
- Bug 664: Added hardware centering values on G5 panel
- Bug 739: Scale with start at default range when changing snapshot channels
- Bug 740: Drive Resolver and Analog TDC channels scaled to a 12 bit instead of 16 bit number
- Bug 854: Fixed event storage during trend
- Bug 853: Orbits faulting due to exception – divide by zero exception fixed
- Feature 59: Display last loaded PVF on control panel and parameter loader
- Feature 184: Access to front panel alarm parameters from control panel
- Feature 377: Parameters stored in human readable format in the PVF – version 3.0

[G4]

- Bug 739: Scale with start at default range when changing snapshot channels

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