*** Software Release Notes ***

Version 5.14.4:

- Added Series 5 drive FW 14303-7 support.
- Fixed several software defects that were found in previous release version 5.13.6.

Release Date: 4/23/2025

Version 5.13.6:

- Added Series 5 drive FW 14302-09 support.
- Fixed several software defects that were found in previous release version 5.12.9.

Release Date: 11/8/2024

Version 5.12.9:

- Added Series 5 drive FW 14301-06 support.
- Fixed several software defects that were found in version 5.12.5.

Release Date: 10/23/2023

Version 5.12.5:

- Supported Series 5 drive FW 14300-32 and 14301-04.
- Fixed several software defects that were found in version 5.10.4.

Release Date: 09/11/2023

Version 5.10.4:

- Updated installer to use secure FTPS site for update checks.
- Improved the parameter write process with automatic retries.
- Improved the printing process and will display a warning if printer driver issues are detected.

Release Date: 11/4/2022

Version 5.10.1:

- Improved the scaling of Motor OL1 and Drive OL2 Levels in Trend files.
- Resolved an error with the Find Drives and Parameter Read/Write functions for the OmniPulse DSD.

Release Date: 5/25/2022

Version 5.9.1:

- Improved the reliability of negative torque values displayed in Trend files.
- Frequency monitors in Trend files now share the same scaling so it is easier to compare values.

- Resolved a Heatsink Temperature decimal point error in the 14515 G+ Mini data logs.

Release Date: 11/3/2021

Version 5.8.6:

- Added support for the WOP-20 Wireless Operator.
- Improved the trend file formatting for the OmniPulse DDC-S2.
- Improved the reliability of connecting to multiple drives via COM port.
- Added the missing MFDIs in the 14861 Sway Control firmware plugin.
- Improved the parameter write function for the OmniPulse DDC-S1.
- Improved parameter file handling in the workspace tree view.
- Improved timeout and error checking during live monitoring.

Release Date: 8/4/2021

Version 5.6.5:

The following firmware versions are now supported:
IMPULSE·G+ Mini:
- 14516 (Standard Crane & Hoist)

- Improved drive type and firmware version displayed in the tree view.
- Clarified the progress bar text that is display during a parameter read/write.
- The home buttons in the UI will now remain in place when the window is resized.
- The drive scanner will now scan for multiple address connected to a single COM port.
- Improved the Output HP numerical display in the Drive Monitor tool.
- Improved the connection and error handling of the Drive Monitor tool.
- Communication Profiles will now be retained after an IMPULSE Link 5 software update.
- Improved the error handling when communicating with Ethernet/IP.

Release Date: 2/12/2021

Version 5.5.8:

The following firmware versions are now supported:
IMPULSE·G+/VG+ Series 4:
- 14801 (Weight Measurement System)

DataLogger Series 4:
  A5650-5002.11
  Note: This firmware is only compatible with the new hardware revision based on a Tiva CPU

OmniPulse DDC Series 2:
- 44301

- Improved COM port handling during a parameter read/write.
- Improved the parameter read process.
- Reintroduced the IL5 software update detection function.
- Added a dialog box that will be displayed if an error occurs during a parameter read/write.

- Improved serial number transfer in the WDS Configurator tool.
- Improved the encryption enable function in the WDS Configurator tool.
- IMPULSE·G+/VG+ Series 4: Clarified the C08-35 parameter options.
- IMPULSE·G+/VG+ Series 4: Improved the parameter conversation feature.
- IMPULSE·G+ Mini: Improved the read/write of the N02.05 parameter.
- OmniPulse DDC Series 2: Improved support of trend files.
- OmniPulse DDC Series 2: Improved the parameter write process.
- MagnePulse DMC Series 2: Set the correct "Magnet Functions" name to the C parameter group.
- DataLogger Series 4: Added support for new hardware which uses a Tiva CPU.

Release Date: 10/12/2020

Version 5.3.0:

The following firmware versions are now supported:
MagnePulse DMC Series 2:
- 41330

IMPULSE·G+ Mini:
- 14541 (CMCO LodeStar VS)

- Clarified the "Register Product" instructions for the Professional version.
- Improved the drive profile naming scheme.
- Improved read/write of parameters over Ethernet/IP.
- Improved WDS Configurator tool when setting up a WDS Remote and Base Unit.
- IMPULSE·G+ / FVG+ Series 2: Removed support.
- IMPULSE·P3 Series 2: Removed support.
- OmniPulse DDC Series 2: Improved the Drive Monitor run detection.
- OmniPulse DDC Series 2: Improved the Drive Monitor control status light tooltips.

Release Date: 4/9/2020

Version 5.1.2.19:

The following firmware versions are now supported:
M-FORCE SD500:
- 10141 U580-8

OmniPulse DDC Series 2:
- 44301

IMPULSE·G+/VG+ Series 4:
- 14861 (Sway Control)
- 14883 (Static Stepless Simulation)

- Initial release of IMPULSE·Link 5 Professional (Unikey USB license key required).
- Added function to export a parameter or trend file to a CSV.
- OmniPulse DDC Series 2: L02-02 upper limit is now 840 for firmware version 44300.

Release Date: 10/31/2019

Version 5.1.1:

The following firmware versions are now supported:
OmniPulse DDC Series 2:
- 44300

- Updated the software launch splash screen.
- Updated the icon set in the ribbon.
- Added a new and improved Compare Tool.
- Added a utility to flash firmware to the OmniPulse DDC Series 2 drive.
- Updated the information listed in the Contact Us window.
- Minor improvements to the Print Preview dropdowns.
- Updated the software installer to only allow installation on Windows 7 and newer.
- Improved how the software launches when double clicking a supported file type.
- Added the full file path on the Parameter screen and in the Compare Tool.
- Reduced memory usage when viewing Trend files.
- OmniPulse DSD: Improved the reliability of the 409.11 firmware plugin.
- IMPULSE·G+ Mini: Added option "4: Enabled, No Faults" for parameter C03.12 in firmware version 14540.
- IMPULSE·G+/VG+ Series 4: Added parameters C15-30, C15-31, and C15-35 to the 14842 plugin.

Release Date: 12/12/2018

Version 5.0.5.6255:

The following firmware versions are now supported:
IMPULSE·G+/VG+ Series 4:
- 14800

- IMPULSE·G+/VG+ Series 4: Plugins for firmware 14705 and 14706 are now installed correctly.
- A dependency requiring the Visual C++ Redistributable for Visual Studio 2013 was removed and the redistributable is no longer needed.

Release Date: 2/17/2017

Version 5.0.4.6117:

The following firmware versions are now supported:
IMPULSE·G+/VG+ Series 4:
- 14707

IMPULSE·G+ Mini:
- 14515

MagnePulse DMC:
- 10.04

- IMPULSE·G+/VG+ Series 4: Plugins for firmware 14705 and 14706 are now installed correctly.
- A dependency requiring the Visual C++ Redistributable for Visual Studio 2013 was removed and the redistributable is no longer needed.

Release Date: 10/17/2016

Version 5.0.2.5680:

The following firmware versions are now supported:

IMPULSE·G+/VG+ Series 4:
- 14706
- 14822 (Drive Synchronization)
- 14842 (Bucket Control)
- 14882 (Static Stepless Simulation)

OmniPulse DDC Series 1:
- 322

- IMPULSE·G+/VG+ Series 4: Corrected the C15-06 default value in the Static Stepless Simulation firmware.

Release Date: 7/28/2015

Version 5.0.1.5456:

- IMPULSE·G+/VG+ Series 4: Scaling of the current output monitors has been improved.
- IMPULSE·G+/VG+ Series 4: H01-0X = 68 is now available in Flux Vector mode.
- IMPULSE·G+/VG+ Series 4: Various parameter defaults, formatting, and description text improvements.
- IMPULSE·G+/VG+ Series 4: Parameter information for C08-20, C15-27, and C08-21 has been improved.
- IMPULSE·G+/VG+ Series 4: Alarm & Fault information has been synchronized with the drive manual.
- Print Preview settings have been expanded to allow adjustments to printer, paper size, paper orientation, and display a live preview of the document before printing.
- Users can navigate to an events that has a correlated chart with the single click of a button. This works with any type of event: alarms, runs, and faults.
- Added a function to automatically check for a firmware update for the DataLogger Series 4 (internet connection required). When available, the "Update Firmware" button will glow green.
- Added support for legacy .par files.
- Magnetek Material Handling logo added to the default start up view.
- Clarified troubleshooting messages shown when invalid files are opened.
- Technical details are now hidden when displaying troubleshooting messages.
- Improved behavior when opening duplicate files.
- "Recent Documents" in the "File" menu now displays the entire file name.
- Increased readability in trend charts by adding additional timestamp ticks on the horizontal axis.
- Adjusted analog and digital I/O signals in trend charts to match minimum and maximum ranges.
- Gaps now appear in trend charts when the drive is in Base Block.
- Added shading below digital I/O signals when the signal is in the On/1 position in trend charts.
- Unit descriptions have been added to Events column headers for added clarity.
- "Avg Speed" and "Peak Speed" renamed to "Avg Fout" and "Peak Fout" when viewing run events.
- Improved sorting columns behavior while viewing and when printing Events.
- Removed unneeded columns in the Events View and Print Preview.
- Shortened descriptions in "Last Alarm" and "Last Fault" column for Events view if no alarm/fault is present.
- Drive information in the Parameter view has been relocated for better readability.

Release Date: 12/12/2014

Version 5.0.0:

The following device is now supported:
DataLogger Series 4

The following file types are now supported:
Parameter Files:

- *.par
- *.parx

DataLogger Files:
- *.ds4
- *.ts4

- The following firmware versions are now supported:

  IMPULSE·G+/VG+ Series 4:
  - Standard Crane & Hoist
    - 14705
    - 14704
    - 14703
    - 14702
    - 14701
  - Drive Synchronization
    - 14821
    - 14820
  - Bucket Control
    - 14841
    - 14840
  - Static Stepless Simulation
    - 14881
    - 14880
  - Sway Control
    - 14860

  IMPULSE·G+ Mini:
  - Standard Crane & Hoist
    - 14513
    - 14512
    - 14511
    - 14510

  IMPULSE·G+/VG+ Series 3:
  - Standard Crane & Hoist
    - 8001.x
    - 8000.x
  - Drive Synchronization
    - 8120.x
  - Bucket Control
    - 8140.x
  - Static Stepless Simulation
    - 8180.x
  - Sway Control
    - 8160.x

Release Date: 4/18/2014