

**\*\*\* Software Release Notes \*\*\*****Version 5.16.2:**

- Added Series 5 drive firmware version 14305 support.
- Fixed several software defects that were found in previous release version 5.15.3.

*Release Date: 1/27/2026*

**Version 5.15.3:**

- Added Series 5 drive firmware version 14304 support.
- Fixed several software defects that were found in previous release version 5.14.4.

*Release Date: 9/15/2025*

**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.

**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



**MAGNETEK**

- 8120.x
- Bucket Control
- 8140.x
- Static Stepless Simulation
- 8180.x
- Sway Control
- 8160.x



**IMPULSE·Link 5**

*Release Date: 4/18/2014*