

**\*\*\* Software Release Notes \*\*\***

**Note:** When installing an IMPULSE Link 4.1 update on Windows Operating Systems newer than Windows XP, the “Program Compatibility Assistant” may appear after the update installation completes. Upon seeing this prompt, please choose “This program installed correctly”.

**Version 4.1.35:**

- OmniPulse DSD: Improved the reliability of the 409.11 firmware plugin.
- IMPULSE G+ Mini: Added selection option of “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: 12/05/2018*

**Version 4.1.34:**

- The following firmware versions are now supported:
  - IMPULSE D+ HHP:**
    - 1018
  - IMPULSE G+ Mini:**
    - 14540
  - OmniPulse DSD:**
    - 409.11
- IMPULSE G+/VG+ Series 4: Improved the accuracy of the U01-03 monitor.

*Release Date: 4/25/2017*

**Version 4.1.33:**

- IMPULSE G+/VG+ Series 4: Improved the accuracy of the C07-19 and C07-21 parameters in firmware versions 14707, 14800, and 14822.

*Release Date: 10/6/2017*

**Version 4.1.32:**

- IMPULSE G+/VG+ Series 4: Improved the accuracy of the H06-01 parameter in firmware versions 14705, 14706, 14707, and 14800.

*Release Date: 9/22/2017*

**Version 4.1.31:**

- The following firmware versions are now supported:  
**IMPULSE G+/VG+ Series 4:**
  - 14800
- IMPULSE V+/VG+ Series 4: Resolved a plugin installation issue for firmware versions 14705 and 14706.

*Release Date: 2/17/2017*

**Version 4.1.30:**

- 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: Description text corrected for parameters B06-08, C12-07, and H05-18.
- IMPULSE G+ Mini: Description text corrected for parameter C08.03.
- Installation on Windows 8 and 10 is now supported.
- WDS: Added generic ethernet communication profile to enable communications with all Ethernet option cards.

*Release Date: 10/24/2016*

**Version 4.1.29:**

- The following firmware versions are now supported:  
**IMPULSE G+ Mini:**
  - 14514
- IMPULSE G+/VG+ Series 4: Ethernet/IP related parameters (F07-17 to F07-42) are now visible for all firmware versions.
- IMPULSE G+/VG+ Series 4: Ethernet/IP related monitors (U06-80 to U06-99) are now visible for all firmware versions.
- IMPULSE G+/VG+ Series 4: E01-07 to E01-10 are now correctly shown.
- IMPULSE G+/VG+ Series 4: Improved the accuracy of the F07-16 parameter in firmware version 14706.
- IMPULSE G+/VG+ Series 4: MFDO options 15 (Slave Ready Out) and 16 (Run Slave) are now visible in firmware version 14822.
- IMPULSE G+/VG+ Series 4: MFDI selection, E03 parameter group access, and C15-09 option selection has been improved in firmware version 14822.
- IMPULSE G+/VG+ Series 4: Improved the function of the B05-12 to B05-15 parameters in all firmware versions.



- IMPULSE G+/VG+ Series 4: Revision number now displays correctly in firmware version 14860.
- IMPULSE G+ Mini: Added serial and Ethernet/IP functionality for reading and writing parameters, drive monitoring, data logging, and fault resetting in firmware version 14514.
- OmniPulse DSD: Function #8 (Manual Field L/R) range has been adjusted to 0.10-10.00 seconds
- Fixed an instance during print preview that could lead to a software crash.

*Release Date: 12/15/2015*

#### **Version 4.1.28:**

- The following firmware versions are now supported:  
**IMPULSE G+/VG+ Series 4:**
  - 14882
- IMPULSE G+/VG+ Series 4: Corrected the C15-06 default value in the Static Stepless Simulation firmware.
- OmniPulse DDC: Added parameter G25 options, "5: Brake Stand" and "6: Travel Limit" in firmware version 322.

*Release Date: 7/28/2015*

#### **Version 4.1.27:**

- The following firmware versions are now supported:  
**IMPULSE G+/VG+ Series 4:**
  - 14706
  - 14822
  - 14842
- **OmniPulse DDC:**
  - 322
- IMPULSE G+/VG+ Series 4: Reading and writing using an Ethernet/IP option card is now supported.
- 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.
- IMPULSE G+/VG+ Series 4: Information for drive model 4450 has been corrected.
- OmniPulse DDC: Reading of parameters from firmware versions 3.20 and 3.21 has been improved.
- WDS DataLogger: Series 4 drives will appear more accurately.
- WDS DataLogger: Corrected an instance that causes "Unsupported" or "Unable to Format" to appear.
- WDS DataLogger: Time formatting has been improved.
- WDS Configurator: Support has been added for hardware with Flow Control set to "None".
- Monitoring Tool: Data connection and timeout handling has been improved.
- Allowable timeouts have been increased for Ethernet communications.

*Release Date: 4/15/2015*

**Version 4.1.26:**

- The following firmware versions are now supported:

**IMPULSE G+/VG+ Series 4:**

- 14705
- 14821
- 14841
- 14881

**OmniPulse DDC:**

- 321

**MagnePulse DMC:**

- 1003

**IMPULSE D+ HHP:**

- 1015

- IMPULSE G+/VG+ Series 4: Parameter files for 14760, 14820, 14840, and 14880 can now only be created as the VG+ drive type.
- WDS Configurator: Support added for the ConnectPort X2 modem with Flow Control.
- WDS: Updated TCP/IP to Serial communication profile to support the ConnectPort X2 modem.
- WDS: Increased the timeout for WDS systems using the ConnectPort X2 modem to accommodate slow network speeds.

*Release Date: 10/10/2013*

**Version 4.1.25:**

- IMPULSE G+/VG+ Series 4: Ethernet/IP (SI-EN3) option card now correctly reads parameter B02-03.
- IMPULSE G+/VG+ Series 4: The DataLogger and Monitor tools can now reset faults.
- IMPULSE G+/VG+ Series 4: The U01-09 torque monitor accuracy has been improved in the DataLogger and Monitor tools.
- IMPULSE G+/VG+ Series 4: Improved selections for parameters D10-02 and F01-21.
- IMPULSE G+/VG+ Series 3: The DataLogger and Monitor tools can now reset faults.
- WDS Configurator: The MAC and IP addresses will now be carried from tab to tab for easy use.
- WDS Configurator: Added IP address textbox in the "Modem" tab for easy reference.
- WDS Configurator: Updated IP address textboxes to show all four octets with using custom DPI settings.
- Increased buffers to reduce change of parameter read failure.
- Increased timeout for WDS systems to accommodate networks with slow network speeds.
- Updated connection retry algorithm to improve the success of reconnection.
- Improved the fault reset feature in the DataLogger and Monitor tools over a wireless connection.
- Reduced CPU usage when using the DataLogger and Monitor tools.

*Release Date: 5/6/2013*

**Version 4.1.24:**

- The following firmware versions are now supported:  
**IMPULSE G+/VG+ Series 4:**
  - 14750
  - 14760
  - 14770
  
- IMPULSE G+/VG+ Series 4: Added support for resetting support via the DataLogger and Monitor tools.
- IMPULSE G+/VG+ Series 4: Improved the write support of parameter A01-04.
- IMPULSE G+ Mini: Updated the default value of L08-44.
- IMPULSE G+ Mini: Added parameter C08-32.
- IMPULSE G+ Mini: Added a firmware revision monitor.

*Release Date: 12/14/2012*

**Version 4.1.23:**

- The following firmware versions are now supported:  
**IMPULSE G+/VG+ Series 4:**
  - 14704
  - 14840
  - 14880
  
- **MagnePulse DMC:**
  - 1002
  
- IMPULSE G+/VG+ Series 4: Improved the method to set the E01 parameters.
- IMPULSE G+/VG+ Series 4: Improved the rounding of the V/f parameter settings.
- IMPULSE G+/VG+ Series 4: Resolved a scaling issue of parameters E01-08 and E01-10 for 460V and 575V drives.
- IMPULSE G+/VG+ Series 4: Updated the ranges of C03-01 and C03-04.
- IMPULSE G+/VG+ Series 4: Updated the C09 parameter group visibility based on setting of C09-01.
- IMPULSE G+/VG+ Series 4: Removed the ability to set L05-01 (Test Mode). A CE303 error occurs when writing to a drive in Test Mode.
- IMPULSE G+/VG+ Series 4: Improved the handling of dependencies when changing D10-02.
- IMPULSE G+/VG+ Series 4: Added C09-01 = 5 (Serial).
- IMPULSE G+/VG+ Series 4: Synchronized various text descriptions to match the drive.
- IMPULSE G+/VG+ Series 4: Improved calculation of parameter C08-14.
- IMPULSE G+/VG+ Series 4: Improved the reliability of reading parameters L03-02, L03-06, N03-02, N09-22, and N09-23.
- IMPULSE G+/VG+ Series 4: Updated the default value of L08-39.
- IMPULSE G+/VG+ Series 4: Removed the dependency of B06-02 on O02-04.
- IMPULSE G+ Mini: Updated the default value of L08-12.

*Release Date: 10/12/2012*



**Version 4.1.22:**

- The following firmware versions are now supported:

***IMPULSE G+/VG+ Series 4:***

- 14703
- 14820
- 14860

*Release Date: 3/26/2012*

**Version 4.1.21:**

- IMPULSE G+/VG+ Series 4: Added parameter H01-14 to 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Added text for parameter settings O02-04 = 6D, 6E, 73, and 74 to 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Improved O02-04 permissions in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Improved B01 and B05 parameter group in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Updated the B06-02 and L08-55 default in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Updated the E02-11 default when O02-04 = 75 in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Improved O02-04 permissions in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Updated the C13-01 and C13-02 access level in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Improved the parameter read and write function in the 14702 firmware plugin.
- IMPULSE G+/VG+ Series 4: Improved how E01-04 is written to the drive.

*Release Date: 2/17/2012*