

VALUEMOTION™ VI LIBRARY VERSION 4.3

The ValueMotion VI Library 4.3 is the motion control VI library for interfacing with all National Instruments ValueMotion series motion controllers in the LabVIEW and BridgeVIEW—LabVIEW for Industrial Automation—programming environments. The ValueMotion VI Library is compatible with LabVIEW version 5.0.1 or later and BridgeVIEW version 2.0 or later.

These release notes discuss compatibility issues, describe how to install your ValueMotion VI Library, and summarize changes associated with this version.

Compatibility Issues

Your existing VIs, developed with the ValueMotion VI Library 4.2, will continue to work with the ValueMotion VI Library 4.3.

The ValueMotion VI Library is compiled in version 5.0.1f1 of LabVIEW and will work with versions 5.0.1 and later. If you have an older version of LabVIEW, contact National Instruments for an upgrade.

VI Library Installation

Before you can use the ValueMotion 4.3 VIs, you need to install ValueMotion software version 4.3 or later. Refer to the *ValueMotion Software Version 4.3 Release Notes* for software installation instructions. Complete the ValueMotion software installation before installing the ValueMotion VI Library.

Complete the following steps to install your ValueMotion VI library:

1. If you have an earlier version of the ValueMotion VIs installed on your computer, remove it using the Add/Remove Programs feature in Windows. Only ValueMotion VI Library components will be removed; VIs that you have created will not be uninstalled.
2. Insert the ValueMotion VI Library CD into your CD-ROM drive.

3. Select **Install ValueMotion VIs 4.3**.
4. Follow the installer prompts through the rest of the installation.
5. Refer to the `ReadMe.txt` file after the installation is complete for last-minute information not contained in this document or the ValueMotion VI online help.

The ValueMotion VI Library 4.3 is installed.

Windows 3.1 Support

The previous release of ValueMotion VIs (version 4.2) supports Windows 3.1 with the ISA bus ValueMotion controllers. The version 4.2 ValueMotion VIs are located in the `Other\ValVI42` directory on the ValueMotion VI Library 4.3 CD.

Summary of Changes

Version 4.3 of the ValueMotion VI Library is a minor update to the version 4.2 VIs. No new VIs have been added in this release. The online documentation has been updated, and a few bugs have been fixed.

Re-Entrant VIs

The ValueMotion VIs have been recompiled using LabVIEW 5.0 and made re-entrant to use the multi-threading capabilities of LabVIEW 5.0 and later.



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