

RELEASE NOTES

IVI™ Compliance Package

Version 4.2

These release notes contain installation and uninstallation instructions and a list of installed components for the IVI Compliance Package 4.2.



Note If you are upgrading from IVI software versions earlier than IVI Compliance Package 3.0, refer to the *IVI Compliance Package 3.0 Release Notes* for upgrade information. You can download a copy of the release notes from the National Instruments Web site at ni.com/info. Enter the Info Code `icp3rn`.

Introduction

The IVI Compliance Package is a software package that contains IVI class drivers and support libraries necessary to develop and use applications that leverage IVI instrument interchangeability. The IVI Compliance Package also is based on and is compliant with the latest version of the instrument programming specifications defined by the IVI Foundation. You can use the IVI class drivers in the IVI Compliance Package with IVI specific drivers.

IVI class drivers implement functions and attributes for controlling an instrument within a specified class, as defined by the IVI Foundation. The IVI Compliance Package provides IVI class drivers for the following specifications:

- IviDCPwr
- IviDmm
- IviFgen
- IviPwrMeter
- IviRFSigGen
- IviScope
- IviSpecAn
- IviSwtch

- IviCounter
- IviUpconverter
- IviDownconverter
- IviDigitizer

IVI specific drivers are drivers for the most popular instruments from all of the currently defined IVI Foundation classes and from the largest instrument manufacturers including National Instruments, Agilent Technologies, and Tektronix. You can create IVI specific drivers yourself, or download them from ni.com/idnet.

Installation

National Instruments recommends that you close all other applications before you install the IVI Compliance Package.

For system requirements, refer to the *NI IVI Compliance Package Readme*, which you can access by selecting **Start»All Programs»National Instruments»IVI»IVI Compliance Package Readme**.

The IVI Compliance Package is included with various National Instruments distributions, such as National Instruments Device Drivers, Switch Executive, and Calibration Executive. You also can obtain the IVI Compliance Package as a stand-alone Web-only distribution.

If you install a product that is dependent on the IVI Compliance Package, such as Switch Executive, you do not need to install this separate IVI Compliance Package because it is already included in the product installation.

To install the IVI Compliance Package from the National Instruments Device Drivers media, insert the media and follow the installation steps. When prompted with feature selections, enable the IVI Compliance Package.

To install the stand-alone, Web-only IVI Compliance Package 4.2, complete the following steps:

1. Download the IVI Compliance Package 4.2 self-extracting archive from ni.com/downloads by navigating through the **Drivers and Updates** link.
2. Double-click the self-extracting archive to launch the installer.
3. Click **OK** to begin installation.
4. Follow the directions that appear on the screen.



Note The IVI Compliance Package Web distribution does not install NI-Spy or Measurement & Automation Explorer (MAX). NI-Spy tracks the calls your application makes to National Instruments test and measurement drivers, such as NI-VXI and NI-VISA. You can use MAX for IVI configuration support. You can use IVI software without these components, but you will not have the features these products supply unless you install them. If you have installed other National Instruments products, such as the National Instruments Device Drivers media, you might already have NI-Spy and MAX installed.

If you install a National Instruments product that installs MAX after installing the Web distribution of the IVI Compliance Package, you must reinstall the IVI Compliance Package to be able to use the updated IVI configuration user interface in MAX. You must have MAX 4.2.1 or later installed to use the IVI configuration utility in MAX.

Installed Components

Depending on the software support you select when you install the IVI Compliance Package, the installation includes one or more of the following components:

- IVI class drivers
- IVI class driver LabWindows™/CVI™ support
- C++ wrappers for IviDmm, IviScope, IviDCPower, IviSwTch, and IviFGen class drivers for Measurement Studio (Windows XP only)
- IVI class driver wrappers for supported versions of LabVIEW
- IVI class simulation drivers
- IVI-COM adapters (32-bit only)
- IVI class driver examples for LabWindows/CVI, LabVIEW, and Measurement Studio
- IVI Shared Components 2.1.0
- IVI configuration plug-in for MAX 4.2.1 and later
- Online help

Uninstallation

If you no longer want to use IVI software components, complete the following steps to uninstall them.



Note If you installed the IVI Compliance Package as part of another distribution that depends on the IVI Compliance Package, you cannot uninstall the IVI Compliance Package without uninstalling the dependent product.

1. Select **Start»Control Panel»Add or Remove Programs**.
2. Select **National Instruments Software** and click **Change/Remove**.
3. Select **NI IVI Compliance Package 4.2** and click **Remove**.



Note After you uninstall the IVI Compliance Package, IVI Shared Components remain on your computer. To remove the remaining components, select **Start»Control Panel»Add or Remove Programs**, select **IVI Shared Components**, and click **Change/Remove**.

LabWindows/CVI Version Support

The IVI Compliance Package provides support only for the latest version of LabWindows/CVI installed on your computer. If you install the IVI Compliance Package with LabWindows/CVI installed and then upgrade to a later version of LabWindows/CVI, complete the following steps to modify the IVI Compliance Package installation to get IVI support for the later version of LabWindows/CVI:

1. Select **Start»Control Panel»Add or Remove Programs**.
2. Select **National Instruments Software** and click **Change/Remove**.
3. Select **NI IVI Compliance Package 4.2** and click **Modify**.
4. For the **LabWindows/CVI Support** feature under **IVI Class Drivers**, select **Remove this feature** and complete the installation.
5. Repeat steps 1–3.
6. For the **LabWindows/CVI Support** feature under **IVI Class Drivers**, select **Install this feature to a local drive** and complete the installation.

This process removes IVI class driver support for the previous version of LabWindows/CVI and adds this support for the later version of LabWindows/CVI.

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