

RELEASE NOTES

IVI™ Compliance Package

Version 3

These release notes contain installation and uninstallation instructions, system requirements, and installed components for the IVI Compliance Package 3.0.



Note If you are upgrading from IVI software versions earlier than IVI Compliance Package 2.0, refer to the *IVI Compliance Package 2.0 Release Notes* for upgrade information. You can download a copy from the National Instruments Web site at ni.com/info. Enter the Info Code `rdivrn`.

Introduction

The IVI Compliance Package is a software package that contains IVI class drivers and support libraries necessary for the development and use of 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 `IviDCPwr`, `IviDmm`, `IviFgen`, `IviPwrMeter`, `IviRFSigGen`, `IviScope`, `IviSpecAn`, and `IviSwch` specifications.

IVI specific drivers are drivers for the most popular instruments from all eight 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.

The following list includes minimum system requirements for the IVI Compliance Package.

- Windows Vista x86/Vista 64-bit/XP/2000 Service Pack 4
- LabVIEW version 7.1 or later, if you are using LabVIEW
- LabWindows™/CVI™ version 6.0 or later, if you are using LabWindows/CVI



Note IVI Compliance Package 3.0 supports only 32-bit applications on Windows Vista 64-bit. For more information on using National Instruments products with Windows Vista, refer to ni.com/vista.

You can get the IVI Compliance Package from various distributions such as the National Instruments Device Drivers CD Set, the Switch Executive CD, the Calibration Executive CD, and 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 CD Set, insert Disk 1 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 3.0 version, complete the following steps:

1. Download the IVI Compliance Package 3.0 self-extracting archive from <http://www.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 CD Set, you might already have NI-Spy and MAX installed.



Note 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.



Note You must have MAX 4.1 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
- IVI class driver C++ wrappers for Measurement Studio (Windows 2000 and XP only)
- IVI class driver wrappers for LabVIEW 7.1, 8.0, and 8.2.1
- IVI class simulation drivers
- IVI class driver examples for LabWindows/CVI, LabVIEW, and Measurement Studio
- IVI Shared Components, version 1.4.0
- IVI configuration plug-in for MAX 4.1 and later
- Online help



Note The IVI Compliance Package does not install example programs or C++ wrappers for the following class drivers: `IviRFSigGen`, `IviPwrMeter`, and `IviSpecAn`.

Uninstallation

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

1. Select **Start»Settings»Control Panel»Add/Remove Programs**.
2. Select **National Instruments Software** and click **Change/Remove**.
3. Select **IVI Compliance Package 3.0** and click **Remove**.



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



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

LabWindows/CVI Version Support

The IVI Compliance Package (ICP) provides support only for the latest version of LabWindows/CVI installed on the system. If you install ICP 3.0 with LabWindows/CVI installed and then upgrade to a later version of LabWindows/CVI, complete the following steps to modify the ICP 3.0 installation to get IVI support for the later version of LabWindows/CVI:

1. Select **Start»Settings»Control Panel»Add or Remove Programs**.
2. Select **National Instruments Software** and click **Change**.
3. Select **NI IVI Compliance Package 3.0** and click **Modify**.
4. For the **CVI Support** feature under **IVI Class Drivers**, select **Remove this feature** and complete the installation.
5. Repeat steps 1-3.
6. For the **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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