### Table of Contents

[Table of Contents 1](#_Toc77254940)

[IVI.NET Shared Components Installer Revision History 2](#_Toc77254941)

[Version 1.0.0 2](#_Toc77254942)

[Version 1.0.1 2](#_Toc77254943)

[Version 1.0.2 2](#_Toc77254944)

[Version 1.0.3 2](#_Toc77254945)

[Version 1.0.4 2](#_Toc77254946)

[Version 1.1.0 3](#_Toc77254947)

[Version 1.1.1 3](#_Toc77254948)

[Version 1.1.2 3](#_Toc77254949)

[Version 1.2.0 3](#_Toc77254950)

[Version 1.3.0 4](#_Toc77254951)

[Version 1.4.0 4](#_Toc77254952)

[Version 1.4.1 4](#_Toc77254953)

[Version 2.0.2928.0 4](#_Toc77254954)

[Known Issues 5](#_Toc77254955)

### IVI.NET Shared Components Installer Revision History

#### Version 1.0.0

**Updates**

1. Initial public release of the IVI.NET Shared Components.

#### Version 1.0.1

**Updates**

1. Added warning dialog indicating that the classes are still under review
2. Rebuilt binaries for the following reasons:
   1. Removed Obsolete attribute from all classes
   2. Updated copyright
   3. Spelling changes to enumeration values
   4. Adding several strings to TriggerSource class
   5. Changed IIviSwtchScan.List() from a method to a read-write property

#### Version 1.0.2

**Updates**

1. Removed IviSwtch and IviDCPwr from the installer note which lists classes under review. These classes are fully approved.
2. Allowed installation on a system that does not have .NET CLR 2.0, if a newer version of the .NET CLR is on the system

#### Version 1.0.3

**Updates**

1. Created the v4.5 framework folder to contain drivers that require .NET Framework 4.5
2. Resolved issue where uninstalling one SxS version of the IVI.NET Shared Components would remove empty version-specific assembly folders even if another SxS version of the IVI.NET Shared Components was on the system

#### Version 1.0.4

**Updates**

1. Changed the v4.5 framework folder name from v4.5 to v4.5.50709.

#### Version 1.1.0

**Updates**

1. Updated installation folders and added policy files to comply with side-by-side versioning policies established in revision 2.3 of IVI-3.17.
2. Changed the data type of the IWaveform<T>.EndTime and IWaveform<T>.TriggerTime properties from PrecisionDateTime to PrecisionTimeSpan to accommodate time-relative waveforms.
3. In IIviDigitizerAcquisition, changed IWaveform<Byte> references to IWaveform<SByte>.
4. Replaced the IIviPwrMeterMeasurement.MeasurementState property with a IIviPwrMeterMeasurement.GetMeasurementComplete() method.
5. Replaced the IIviCounterMeasurement.IsMeasurementComplete property with a IIviCounterMeasurement.GetMeasurementComplete() method.
6. In the Ivi.Digitizer.ReferenceOscillatorSource enumeration, added PxiClk10 and PxiExpressClk100 values.
7. The 1.1 assemblies are installed into subfolder 1.1.0 (three-digit) under IVI.
8. Updated installer to create .NET Framework v4.5.50709 folder and remove old v4.5 folder.

**NOTE:** This version of the IVI .NET Shared Components includes changes that can break applications that use drivers that implement the following interfaces:

* Ivi.Driver.IWaveform
* Ivi.Driver.ISpectrum

#### Version 1.1.1

**Updates**

1. Removed SpecAn from the installer note which lists drivers under review. This class is fully approved.

#### Version 1.1.2

**Updates**

1. Removed RFSigGen and Scope from the installer note which lists drivers under review. These classes are fully approved.

#### Version 1.2.0

**Updates**

1. Removed support for Windows XP and Windows Vista.
2. All components were migrated to Visual Studio 2015, which results in some changes to generated assemblies. The minimum required version of the .NET Framework is 2.0.
3. Modified the Fgen IVI.NET API as follows:

* Move the Output.OperationMode and Output.ReferenceClock source properties to the root of the interface hierarchy (IIviFgen).
* Remove the Trigger.Source property from the .NET API.
* Move the SendSoftwareTrigger() method and BurstCount property to the Trigger.Start interface.
* Add Arbitrary Waveform and Arbitrary Sequence Handle properties as a pair of Set/Get methods with channelName parameters.
* Change the definition of the Arbitrary.Waveform.CreateChannelWaveform methods. Change the *waveform* parameter types as follows:
  + IWaveform<Double> to IWaveform<T>
  + IWaveform<Int16> to Int16[]
  + IWaveform<Int32> to Int32[]
* The current API matches version 5.2 (May, 2016) of the IVI-4.3: IviFgen Class Specification.

1. Removed Fgen from the installer note which lists drivers under review. This class is fully approved.

#### Version 1.3.0

**Updates**

1. Removed PowerMeter from the installer note which lists drivers under review. This class is fully approved.
2. The Ivi.Swtch.UnsupportedScanOperationException was made obsolete; the Obsolete attribute was added to the class.
3. Added public set accessors to the Ivi.Driver.ISpectrum<T>.Capacity and Ivi.Driver.ISpectrum<T>.ValidPointCount properties.
4. Removed Ivi.Fgen.IIviFgenArbitrarySequence.Handle property.
5. Updated installer to create the v4.6 .NET Framework Version Directory.

#### Version 1.4.0

**Updates**

1. Updated Ivi.Digitizer.IWaveformCollection<T> to support IEnumerable<IWaveform<T>> instead of IEnumerable<T>.
2. Added SByte support to Ivi.Driver.Spectrum<T>.

#### Version 1.4.1

**Updates**

1. Removed Digitizer from the installer note which lists drivers under review. This class is fully approved.
2. Authenticode-signed all IVI.NET Shared Component binaries.

#### Version 2.0.2928.0

**Updates**

1. Add the native IVI.NET Configuration Server to the installer.
2. Modify the Create factory methods to use the native IVI.NET Configuration Server.
3. Combine the 32-bit and 64-bit installers into a single .exe file that will run on both 32-bit and 64-bit Windows.
4. Modernize the look and feel of the installer.

### Known Issues

None