

# Keysight Technologies

## BV0000A BenchVue Platform Software

### 2019 Update 1 Version Information

Released Date:	September 18, 2019
<b>Requirements categories</b>	
PC operating system and hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)  Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)  Interfaces: USB, GPIB, LAN, RS-232  Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 9.0 and later.  Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue_2019_Update1.0.exe

### Notable changes

- Requires installation of Keysight IO libraries 17.3 or above
- Defect fix that prevented some users from activating licenses included with instruments
- Minor UI enhancements
- BenchVue platform defect fixes

## 2019 Version Information

Released Date:	May 30, 2019
<b>Requirements categories</b>	
PC operating system and hardware:	<p>Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Interfaces: USB, GPIB, LAN, RS-232</p> <p>Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 9.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later.</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue_2019.exe

### Notable changes

- Streamlined licensing process for purchased licenses
- Support of instruments that have BenchVue licenses included
- Minor UI enhancements
- Test Flow and BenchVue platform defect fixes

## 2018 Update 2 Version Information

Released Date:	June 20, 2018
<b>Requirements categories</b>	
PC operating system and hardware:	<p>Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Interfaces: USB, GPIB, LAN, RS-232</p> <p>Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later.</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue_2018Update2.exe

### Notable changes

- New Home view for easier navigation, launching onboarding content, and access to recent apps/files
- More usable space for BenchVue apps to run inside of BenchVue platform
- Support of new USB portable license
- Test Flow and BenchVue platform defect fixes

## 2018 Update 1 Version Information

Released Date:	April 18, 2018
<b>Requirements categories</b>	
PC operating system and hardware:	<p>Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Interfaces: USB, GPIB, LAN, RS-232</p> <p>Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later.</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue.exe

### Notable changes

- Free subscription extension allowing current users to update apps for 9 months more
- Choose which app to open when 2 or more apps support your instrument
- Demo Bench management enhancement
- Installs the latest version of IO libraries
- Test Flow Enhancements:
  - o Added string blocks
  - o Ignore block feature
  - o Adds variable input to SCPI block
- Defect Fixes

## 2018 Version Information

Released Date:	Dec 21, 2017
<b>Requirements categories</b>	
PC operating system and hardware:	<p>Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Interfaces: USB, GPIB, LAN, RS-232</p> <p>Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later.</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue.exe

## Notable changes

- Support for new Network Licensing tool
- Improvements to help new and existing users learn about BenchVue
- Clarification changes to user messages
- Test Flow Enhancements:
  - o Addressed many stability issues with longer Test Flow sequences and large state files from instruments
  - o New Blocks designed for better sequence organization (Comments, Grouping, Ask user blocks)
  - o Run External Scripts block
  - o Better support for non-Keysight Instruments

## 2017 Version Information

Released Date:	March 29, 2017
<b>Requirements categories</b>	
PC operating system and hardware:	<p>Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Interfaces: USB, GPIB, LAN, RS-232</p> <p>Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later.</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue2017.exe

## Notable changes

- BenchVue 2017 supports the new “B” model apps that include instrument control, data analysis, and Test Flow automation.
- Support for network floating licenses allows multiple users to easily share license use (requires local license server setup).
- Updated Apps tab experience to indicate license status, “What’s New” information provided for each app.
- Ability to use and display 2 apps and Test Flow at the same time.
- Test Flow enhancements:
  - o Removed restrictions on model number and serial number.
  - o Users may now run Test Flow sequences with compatible instruments in the same series.

## 3.7 version

Released Date:	December 1, 2016
<b>Requirements categories</b>	
PC operating system:	<p>Windows 10: 32-bit &amp; 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8: 32-bit &amp; 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit &amp; 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue3.7_2016_11_22.exe

## Notable changes

- Bug fixes and performance improvements
- Troubleshooting Tool installed as part of BenchVue installation
- Added new If/Then/Else block in BenchVue Test Flow

## 3.6 Version Information

Released Date:	September 1, 2016
<b>Requirements categories</b>	
PC operating system:	<p>Windows 10: 32-bit &amp; 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8: 32-bit &amp; 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit &amp; 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p>
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	<p>Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.</p> <p>Android phone and tablets; Android 4.0.3 and later</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue3.6_2016_08_29.exe

### Notable changes

- Bug fixes and performance improvements.
- Architectural support to launch/manage external Keysight software such as the new DG8901A Solar Array Simulator Control Pro software.



## 3.5 Version Information

Released Date:	June 21, 2016
Requirements category (e.g., operating system):	<p>Windows 10: 32-bit &amp; 64-bit (Professional, Enterprise, Education, Home versions)</p> <p>Windows 8: 32-bit &amp; 64-bit (Professional, Enterprise, Core)</p> <p>Windows 7: SP1 and later 32-bit &amp; 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p>
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue3.5_2016_06_17.exe

### Notable changes

- Added more Test Flow capabilities – Math, Command Expert blocks, variables, trace and screen capture automation, export results automation, pass/fail block
- Redesigned App Tab and Data Manager with categories and filters
- Fixed various defects and stability improvements.
- Added support for electronic load, power analyzer, FieldFox, signal generator, and universal counter applications,
- Enhanced instrument and feature support with SA (v3.2), NA (3.2), FG (v3.1)
- Releasing July/August 2016 DAQ (v 3.1), universal counters (v1.0), oscilloscopes (v3.1), power supplies (v3.3), digital multimeters (v3.3)

### 3.1 Version Information

Released Date:	February 26, 2016
Requirements category (e.g., operating system):	Windows 10: 32-bit & 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8: 32-bit & 64-bit (Professional, Enterprise, Core)  Windows 7: SP1 and later 32-bit & 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue3.1_2016_02_19.exe

#### Notable changes

1. Fixed various defects and stability improvements.
2. Added support for additional power supplies.
3. Removed 6060A Series model support from the power supply app. Now available in the Electronic Load app.

### 3.0 Version Information

Released Date:	October 20, 2015
Requirements category (e.g., operating system):	Windows 10: 32-bit & 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8: 32-bit & 64-bit (Professional, Enterprise, Core)  Windows 7: SP1 and later 32-bit & 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium))  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVue3.0_2015_10_08.exe

## Notable changes

4. Enhanced Digital Multimeter, Power Supply, Network Analyzer, and Power Meter apps
5. Added WaveGen support for oscilloscopes
6. Added BenchVue Test Flow app
7. Flexible app installations
8. Enhanced app tab features
9. User interface enhancements
10. Bug fixes and performance enhancements

## 2.7 Version Information

Released Date:	1 June 2015
Requirements category (e.g., operating system):	<p>Windows 8 &amp; 7:</p> <p>Windows 8 32-bit &amp; 64-bit (Core, Pro, or Enterprise)</p> <p>Windows 7 SP1 and later 32-bit &amp; 64-bit (Professional, Enterprise, Ultimate)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Windows XP SP3 32-bit (Professional):</p> <p>Processor: 600 MHz or faster (1 GHz or greater recommended)</p> <p>RAM: 1 GB (2 GB or greater recommended)</p> <p><b>Mobile devices:</b> (for companion BenchVue Mobile app)</p> <p>Apple iPhone, iPad, iPod Touch all models; iOS 6.0 and later. Android phone and tablets; Android 2.3.5 and later.</p>
File Name:	BenchVue2.7_2015_05_22.exe

## Notable changes

Improved overall performance and added power sensor functionality.

## 2.5 Version Information

Released Date:	9 December 2014
Requirements category (e.g., operating system):	<p>Windows 8 &amp; 7:</p> <p>Windows 8 32-bit &amp; 64-bit (Core, Pro, or Enterprise)</p> <p>Windows 7 SP1 and later 32-bit &amp; 64-bit (Professional, Enterprise, Ultimate)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Windows XP SP3 32-bit (Professional):</p> <p>Processor: 600 MHz or faster (1 GHz or greater recommended)</p> <p>RAM: 1 GB (2 GB or greater recommended)</p> <p><b>Mobile devices:</b> (for companion BenchVue Mobile app)</p> <p>Apple iPhone, iPad, iPod Touch all models; iOS 6.0 and later. Android phone and tablets; Android 2.3.5 and later.</p>
File Name:	BenchVue2.5_2014_XX_XX.exe

## Notable changes

### PC BenchVue

1. Enhanced Scope and Spectrum Analyzer apps
2. Data Acquisition Units and Power Sensor support added
3. Pro functionality added
4. Bug fixes and performance enhancement
5. User Interface enhancement

### BenchVue Mobile (V2.0):

1. Spectrum Analyzer and Function Generator support added

## 1.1 Version Information

Released Date:	3 June 2014
Requirements category (e.g., operating system):	<p>Windows 8 &amp; 7:</p> <p>Windows 8 32-bit &amp; 64-bit (Core, Pro, or Enterprise)</p> <p>Windows 7 SP1 and later 32-bit &amp; 64-bit (Professional, Enterprise, Ultimate)</p> <p>Processor: 1 GHz or faster (2 GHz or greater recommended)</p> <p>RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)</p> <p>Windows XP SP3 32-bit (Professional):</p> <p>Processor: 600 MHz or faster (1 GHz or greater recommended)</p> <p>RAM: 1 GB (2 GB or greater recommended)</p> <p><b>Mobile devices: (for companion BenchVue Mobile app)</b></p> <p>Apple iPhone, iPad, iPod Touch all models; iOS 6.0 and later. Android phone and tablets; Android 2.3.5 and later.</p>
File Name:	BenchVue1.1_2014_XX_XX.exe

### Notable changes

1. Added localization support for French, German, Russian, Japanese, Korean and Simplified Chinese
2. InfiniiVision 6000 X-Series support added
3. Infiniium S Series support added
4. Bug fixes and performance enhancement

## 1.1 Update Version Information

Released Date:	17 April 2014
Requirements category (e.g., operating system):	<p>Windows 8 &amp; 7:</p> <p>Windows 8 32-bit &amp; 64-bit (Core, Pro, or Enterprise)</p>

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Windows 7 SP1 and later 32-bit & 64-bit (Professional, Enterprise, Ultimate)

Processor: 1 GHz or faster (2 GHz or greater recommended)

RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)

Windows XP SP3 32-bit (Professional):

Processor: 600 MHz or faster (1 GHz or greater recommended)

RAM: 1 GB (2 GB or greater recommended)

**Mobile devices:** (for companion BenchVue Mobile app)

Apple iPhone, iPad, iPod Touch all models; iOS 6.0 and later.  
Android phone and tablets; Android 2.3.5 and later.

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**File Name:** BenchVue1.1\_2014\_XX\_XX.exe

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## Notable changes

Bug fixes and performance enhancement.

## 1.0 Update Version Information

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**Released Date:** 19 February 2014

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**Requirements category**  
(e.g., operating system):

Windows 8 & 7:

Windows 8 32-bit & 64-bit (Core, Pro, or Enterprise)

Windows 7 SP1 and later 32-bit & 64-bit (Professional, Enterprise, Ultimate)

Processor: 1 GHz or faster (2 GHz or greater recommended)

RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)

Windows XP SP3 32-bit (Professional):

Processor: 600 MHz or faster (1 GHz or greater recommended)

RAM: 1 GB (2 GB or greater recommended)

**Mobile devices:** (for companion BenchVue Mobile app)

Apple iPhone, iPad, iPod Touch all models; iOS 6.0 and later.

Android phone and tablets; Android 2.3.5 and later.

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**File Name:** BenchVue1.0\_2014\_XX\_XX.exe

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## Notable changes

Initial release.