Keysight BenchVue Platform Software

2024 Version Information

Release Date:	Jan 31, 2024
Operating System:	Microsoft Windows 10 and 11 (64-bit)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space
Supported Instruments:	Display Resolution: 1920x1080 recommended www.keysight.com/find/BenchVueInstruments
Release Type:	Major Update Release
File Name:	BenchVue-2024-Setup.exe

Resolved Issues

- Defects fixed for usability and stability.



Previous Release Name

2023.3 Version Information

Release Date:	Nov 7, 2023
Operating System:	Microsoft Windows 10 & 11 (64-bit)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space
	Display Resolution: 1920x1080 recommended
Supported Instruments:	www.keysight.com/find/BenchVueInstruments
Release Type:	Major Update Release
File Name:	BenchVue-2023-3-Setup.exe

Resolved Issues

- Defects fixed for usability and stability.
- Compatible with Windows 11.
- Enhanced license refresh rate.
- Added "Refresh Licenses" button to Instrument Panel.
- Update CCL license library 5.5.2.121



Release Date:	Aug 25, 2023
Operating System:	Microsoft Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space
	Display Resolution: 1920x1080 recommended
Supported Instruments:	www.keysight.com/find/BenchVueInstruments
Release Type:	Major Update Release
File Name:	BenchVue-2023-2-Setup.exe

Resolved Issues

- Removed unsupported applications (14585A Control and Analysis Software, BenchVue Lab Manager, BenchVue Lab Client).
- Defects fixed for usability and stability.



Release Date:	Apr 25, 2023
Operating System:	Microsoft Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space
	Display Resolution: 1920x1080 recommended
Supported Instruments:	www.keysight.com/find/BenchVueInstruments
Release Type:	Major Update Release
File Name:	BenchVue-2023-1-Setup.exe

Resolved Issues

- Defect fixes for usability and stability Item.



Release Date:	Oct 31, 2022
Operating System:	Microsoft Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space
	Display Resolution: 1920x1080 recommended
Supported Instruments:	www.keysight.com/find/BenchVueInstruments
Release Type:	Major Update Release
File Name:	BenchVue_2022.1_Setup.exe

New Features and Enhancements

- Enabling Test Flow to support:
 - o PathWave Function Generator standalone application (version 2022)
 - o PathWave Oscilloscopes standalone application (version 2022.1)
 - o PathWave Digital Multimeter standalone application (version 2022.1)

Resolved Issues

- Defect fixes for usability and stability Item.





Release Version:	2022
Released Date:	29 th July 2022
Operating System:	Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent)
	RAM: 8GB
	Storage Drive: 900MB free space
	Display Resolution: 1920x1080 recommended
Hardware:	www.keysight.com/find/BenchVueInstruments
Release Type:	Major Update Release
File Name:	BenchVue_2022.exe

Enhancements

- BenchVue Platform : Defect fixes for usability and stability
- Test Flow: Enabling Test Flow to support PathWave Power Supply standalone application (version 2022)

2020 Update 1 Version Information

Released Date:	February 12, 2021
Requirements categories	
PC operating system and hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)
	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)
Mobile Devices: (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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue_2020_Update_1.exe



Notable changes

- BenchVue platform:
 - Minor defect fixes
 - Defect fix that prevented users from activating licenses included with USB modular Fuction Generator
 - Migration of PM application to latest platform
- Test Flow enhancements :
 - Defect fixes
 - o Latest algorithm on how to connect the instrument on loading of test flow sequence

2019 Update 1 Version Information

Released Date:	September 18, 2019
Requirements categories	
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)
Mobile Devices: (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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue_2019_Update1.0.exe

- 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



Released Date:	May 30, 2019
Requirements categories	
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)
Mobile Devices: (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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue_2019.exe

- 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
Requirements categories	
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)
Mobile Devices: (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.
	Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue_2018Update2.exe

- 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
Requirements categories	
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)
Mobile Devices: (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.
	Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue.exe

- 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
 - Ignore block feature
 - Adds variable input to SCPI block
- Defect Fixes



Released Date:	Dec 21, 2017
Requirements categories	
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)
Mobile Devices: (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.
	Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue.exe

- 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
 - New Blocks designed for better sequence organization (Comments, Grouping, Ask user blocks)
 - o Run External Scripts block
 - Better support for non-Keysight Instruments



Released Date:	March 29, 2017
Requirements categories	
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)
Mobile Devices: (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.
	Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue2017.exe

- 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
Requirements categories	
PC 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)
Mobile Devices: (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.
	Android phone and tablets; Android 4.0.3 and later
Current List of BenchVue Enabled Keysight Instruments:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue3.7_2016_11_22.exe

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



September 1, 2016
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)
Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.
Android phone and tablets; Android 4.0.3 and later
www.keysight.com/find/benchvueinstruments
BenchVue3.6_2016_08_29.exe

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



Released Date:	June 21, 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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue3.5_2016_06_17.exe

- 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)



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:	www.keysight.com/find/benchvueinstruments
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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVue3.0_2015_10_08.exe

- 1. Enhanced Digital Multimeter, Power Supply, Network Analyzer, and Power Meter apps
- 2. Added WaveGen support for oscilloscopes
- 3. Added BenchVue Test Flow app



- 4. Flexible app installations
- 5. Enhanced app tab features
- 6. User interface enhancements
- 7. Bug fixes and performance enhancements

Released Date:	1 June 2015
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)
	• <u>Mobile devices</u> : (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.
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):	
	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:	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):	
	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.

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):	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.

File Name:

BenchVue1.1_2014_XX_XX.exe

Notable changes

Bug fixes and performance enhancement.

1.0 Update Version Information

Released Date:	19 February 2014
Requirements category	10 1 051 daily 2014
(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.

File Name: BenchVue1.0_2014_XX_XX.exe

Notable changes

Initial release.