

# Bp VIP.net System Requirements

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**For Bp VIP.net version:** Ruby 2.1.517.033 and later

**Last updated:** 16 November 2020

This document provides the minimum supported operating system and hardware requirements for recent versions of Bp VIP.net. Consult your IT services provider to ensure all technical considerations are managed and Microsoft Best Practices for installing SQL Server are followed.

## Microsoft End of Extended Support

Microsoft ceased extended support for Windows 7 and Windows Server 2008 R2 in January 2020. Best Practice Software cannot guarantee support for Bp VIP.net running on operating systems and databases no longer supported by Microsoft. If your server or workstations are running Windows 7 or Windows Server 2008 R2, Best Practice Software recommend you contact your IT services provider to plan upgrading your operating system to a supported version.

## .NET compatibility

Bp VIP.net version Ruby SP1 2.1.521.013 and later requires Microsoft **.NET Framework 4.6** to operate successfully. The supported Microsoft Windows versions listed in this document are compatible with .NET 4.6. If you are running an version of Windows not listed in this document, Best Practice Software recommend that you consult your IT provider to consider upgrading your operating system or database before upgrading to Bp VIP.net Ruby.

The following links may assist with the operating system requirements for .NET Framework 4.6:

- [Which .NET version is installed on my PC?](#)
- [Which Windows versions support .NET 4.6?](#)

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## Database Requirements

Storage type, capacity and configuration should be determined with the assistance of your IT service provider. The minimum factors to consider are:

- intended number of concurrent users
- amount of data stored, allowing for growth
- third-party applications on the same server machine
- the type of backup method to be used.

The following links may assist with the hardware and software requirements for installing SQL Server:

- [System requirements for SQL Server 2014](#)
- [System requirements for SQL Server 2016 and later](#)

### SQL Server Express

SQL Server Express is a free edition of SQL Server that has a database limit of 10GB, intended for small or non-commercial usage. Best Practice Software recommend that the Express Edition is **not** suitable for use with Bp VIP.net and cannot guarantee support for Bp VIP.net in a SQL Server **Express** environment. After the 10GB limit is reached, you will be unable to add records to the database until you upgrade your SQL Server edition. In a normal specialist practice, the 10GB limit can be exceeded quickly.

SQL Server Reporting Services is not available in a SQL Server Express environment.

### Installing on a Domain Service

In line with Microsoft [best practices](#), installing SQL Server on your Domain Service is **not** supported by Best Practice Software for the installation of VIP.net. SQL Server Reporting Services do not work with this configuration. Later versions of SQL Server prevent installation in this configuration.

## Supported Microsoft SQL Server versions

Version	SQL Server 2008	SQL Server 2008 R2	SQLServer 2012	SQL Server 2014	SQL Server 2016	SQL Server 2017	SQL Server 2019
Ruby (517.033)	✗	✗	✓	✓	✓	✓	✓
Ruby SP1 and all SP1 revisions (521.011+)			*Upgrade only				
Ruby SP2 (522.026)							
Ruby SP3 (525.017)							

### Notes

- Microsoft ceased extended support of SQL Server 2008 and 2008 R2 in **July 2019**. Best Practice Software cannot guarantee support for running Bp VIP.net on these versions of SQL Server.
- Upgrading your version of Bp VIP.net does not also upgrade the database version. For new installations, Best Practice Software recommend installing a recent version of SQL Server.
- The supported versions listed are inclusive of all SQL Server service packs for that version.

## Server Requirements

### Apple Macintosh

Apple Macintosh desktop or server operating systems are not supported.

### Supported Microsoft Windows desktop versions

Best Practice Software recommend installing the Bp VIP.net server on a Windows Server operating system for reasons of system performance and reliability.

### Supported Microsoft Windows server versions

Version	Windows Server 2008 R2 SP1	Windows Server 2012	Windows Server 2012 R2	Windows Server 2016
Ruby (517.033)	✗	✓	✓	✓
Ruby SP1 and all SP1 revisions (521.011+)				
Ruby SP2 (522.026)				
Ruby SP3 (525.017)				

### Notes

- All versions of Windows Server prior to Windows Server 2008 R2 SP1 are not supported.

## Server hardware requirements

Item	Minimum Specifications
Processor	Intel Xeon 5th generation or higher
<p><b>Notes</b></p> <p>Recommended minimum processor requirements will be higher if one or more of the following apply:</p> <ul style="list-style-type: none"> <li>■ you have more than six users</li> <li>■ your patient database is larger than 10 GB</li> <li>■ the Bp VIP.net server machine runs applications other than Bp VIP.net during business hours.</li> </ul>	
RAM	8GB or higher
<p><b>Notes</b></p> <p>ECC RAM is recommended for best performance. Discuss with your IT service provider if the minimum recommended memory will meet your practice requirements.</p>	
Hard Drive	<p>High speed SATA hard drive</p> <p>Minimum 10GB free space after Bp VIP.net and all third-party applications have been installed.</p>
<p><b>Notes</b></p> <p>For servers with large numbers of terminal servers connecting to the database (10 or more), Best Practice Software recommend that an enterprise-grade storage solution is employed to ensure consistent performance for the high volume of data being accessed and written during your practice’s business operating periods.</p> <p>Practices with a large number of patients and doctors will require more space than the 10 GB minimum.</p>	
Monitor	15" monitor running a resolution of at least 1280 x 768.
Printer	Any Windows-supported printer.

Item	Minimum Specifications
<p><b>Notes</b></p> <p>If installing Bp VIP.net on a terminal session, ensure that the printer is compatible with that operating environment.</p>	
Network	Any network card supporting 1000 Mbps (Gigabit) Ethernet

## Workstation Requirements

### Supported Microsoft Windows desktop versions

Version	Windows 7 SP1	Windows 8	Windows 8.1	Windows 10
Ruby (517.033)	✗	✗	✓	✓
Ruby SP1 and all SP1 revisions (521.011+)				
Ruby SP2 (522.026)				
Ruby SP3 (525.017)				

### Notes

- All versions of Windows prior to Windows 7 SP1 are not supported.
- Best Practice Software recommend installing Bp VIP.net on a version other than a **Home** edition for reasons of system performance and reliability. You should install a 'professional' edition of Windows, such as Windows Pro or Windows Enterprise. The editions available are different for each Windows desktop version.

### Supported Microsoft Windows server versions

Version	Windows Server 2008 R2 SP1	Windows Server 2012	Windows Server 2012 R2	Windows Server 2016
Ruby (517.033)	✗	✗	✓	✓
Ruby SP1 and all SP1 revisions (521.011+)				
Ruby SP2 (522.026)				
Ruby SP3 (525.017)				

## Notes

- All versions of Windows Server prior to Windows Server 2008 R2 SP1 are not supported.
- Requirements for installing a Bp VIP.net client on a Windows Server operating system are the same as installing the server.

## Workstation hardware requirements

Item	Minimum Specifications
Processor	Intel i5 6th generation or higher
RAM	4GB or higher
Hard drive	SATA hard drive
Monitor	15" monitor, running a resolution of at least 1280 x 768.
Printer	Any Windows-supported printer.
<b>Notes</b>	
If installing Bp VIP.net on a terminal session, ensure that the printer is compatible with that operating environment.	
Network	Any network card supporting 1000 Mbps (Gigabit) Ethernet

## Kiosk Requirements

The minimum operating system and hardware specification for Kiosk devices are the same as for a Bp VIP.net [workstation](#). Kiosk must be run on a Microsoft Windows operating system.

If you want to use another platform for Kiosk, such as an Apple iPad, you must create a remote desktop session to the Bp VIP.net server and run Kiosk within the remote session. Best Practice Software Specialist Software Support may not be able to provide assistance in a non-Windows environment.





