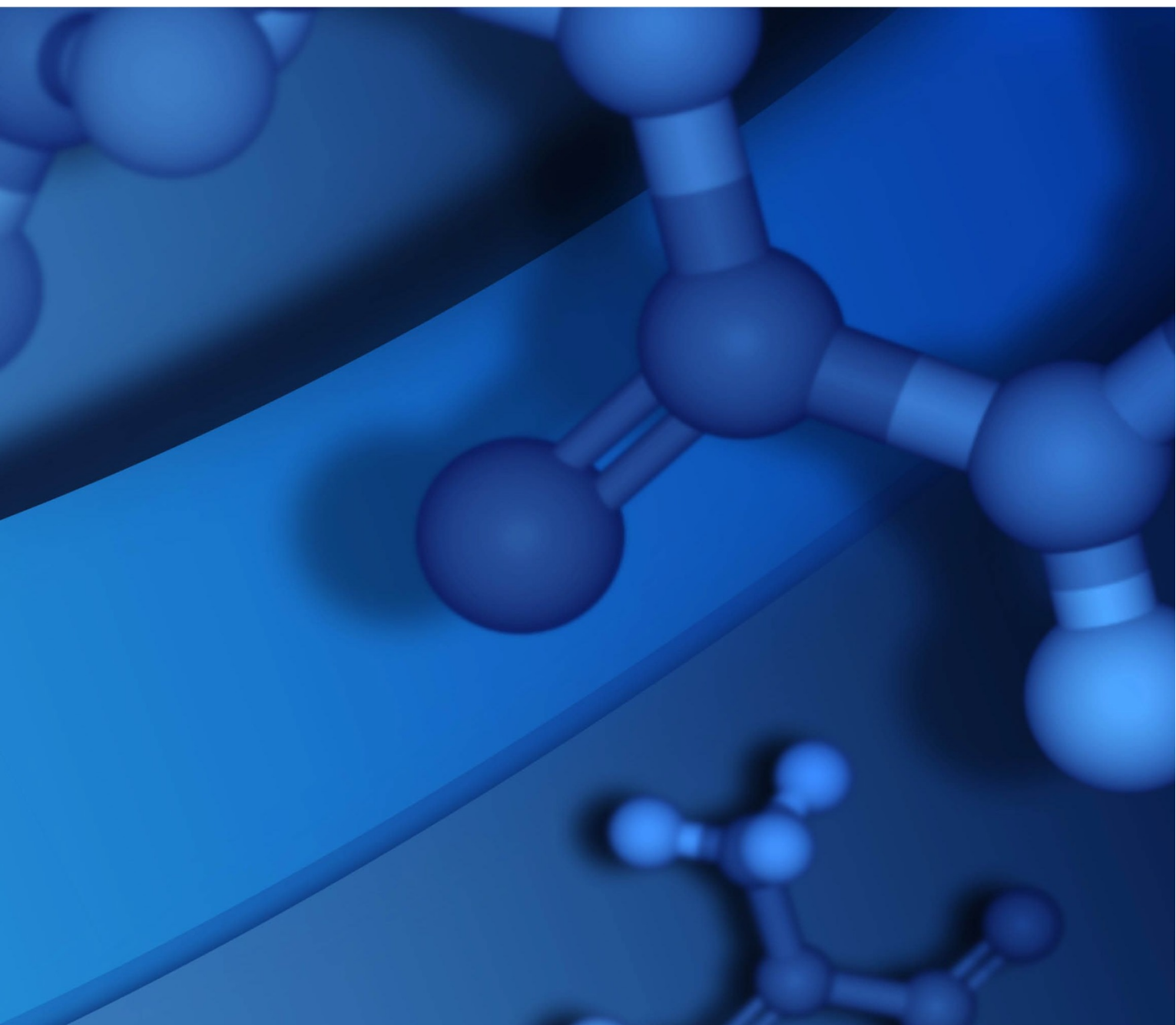


SYSTEM REQUIREMENTS

PIPELINE PILOT SERVER 2016



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Acknowledgments and References

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About This Document

This document provides requirements, recommendations, and notes for planning an installation of BIOVIA Pipeline Pilot 2016.

This document lists third-party hardware and software supported for use with Pipeline Pilot Server. The hardware and software and their versions are subject to change. Thus, this document will be updated as appropriate and made available to you at the Download Center or from BIOVIA customer support.

Definitions

For the purpose of this document the following definitions are used:

- **Supported:** The hardware or software was tested against Pipeline Pilot Server, is expected to function as documented, and will be supported by BIOVIA. If issues are found that are specific to these versions of the hardware or software, they will be addressed per the BIOVIA Software support policy.
- **Not Supported:** Any hardware/software not specifically listed in this document is not supported by BIOVIA. These are used at the customer's risk and BIOVIA makes no guarantee regarding the capability of unsupported hardware or software to function with Pipeline Pilot Server.
- **Regional Language Settings:** The ability to change the format that Microsoft® Windows uses to display dates, times, large numbers and decimal fractions. This document includes the regional language settings that BIOVIA supports for Pipeline Pilot Server.

Additional Information

Additional information related to installation is available:

- Pipeline Pilot Server Server Installation Guide
- R Software Installation and Configuration Guide for Pipeline Pilot Server

Getting Help

If you have any questions, contact BIOVIA Customer Support at:

- Support for BIOVIA Products is available at biovia.support@3ds.com.
- BIOVIA Support on the Web: <https://community.biovia.com>.

Pipeline Pilot Server Requirements

This section lists the hardware and software that are required to install Pipeline Pilot on your server.

Minimum Hardware Requirements

BIOVIA recommends the following minimum hardware for proper operation:

Recommended Configuration	
Processor*	<ul style="list-style-type: none">■ x64 architecture-based computer with Intel processor that supports Intel 64 architecture (formerly known as Intel EM64T)■ AMD processor that supports the AMD64 platform <p>Note: Intel Itanium IA64 processors are not supported.</p> <p>As a guide to your processor requirement decision, one processing core for every 2 simultaneous jobs should provide adequate performance, but not less than 8 cores.</p>
RAM*	<p>1 GB for each processor core but not less than 8 GB total.</p> <p>Typically, you want to size a server to maximum load, and have at least 1 GB per running protocol. This does not take into account other applications or operations that might be running on the server.</p>
Disk space*	<p>The following minimum disk space is recommended for the proper installation and operation of Pipeline Pilot Server.</p> <ul style="list-style-type: none">■ 16 GB for Pipeline Pilot Server components■ 50 GB (minimum) of free disk space for runtime environment, user data files, etc. <p>Disk space required depends on the data used. For example, NGS typically requires 2TB of dedicated space..</p>
Swap Space	<p>At least 1 x RAM for systems <= 8 GB or 0.5 x RAM for large memory systems</p> <p>Refer to your operating system recommendations for more precise guidelines.</p>
Network	TCP/IP

Note: *Data size and computational resource requirements tend to be significantly higher for **Next-Generation Sequencing (NGS)** experiments than for data in other domains. As a minimum we recommend:

8 CPUs/cores

16GB of RAM

2TB of dedicated "data" space

Supported Operating Systems

BIOVIA supports the installation of Pipeline Pilot Server on the following operating systems:

Operating System	Versions	Comments
Microsoft® Windows Server 2012	R2	64-bit only is supported
Microsoft® Windows Server 2008	R2 SP1	64-bit only is supported
Red Hat® Enterprise Linux®	6 7	Note: The NGS collection can only be installed and used under a 64-bit Linux operating system.
SuSE Linux	11	64-bit only is supported

Supported Browsers

Browser	Versions	Comments
Microsoft Internet Explorer	10 11	Internet Explorer v10 comes with enhanced security turned on. On a Windows Server 2012, you must turn off the enhanced security to access the Pipeline Pilot Server Administration Portal or the Help Center.
Mozilla Firefox	Latest ESR	See http://www.mozilla.org/en-US/firefox/organizations/faq/
Google Chrome	Latest	

Supported Software for the Grid

Software	Versions	Comments
Oracle® Grid Engine (OGE, formerly known as SGE)	6.2 Update 6	
Univa Grid Engine (UGE, formerly known as OGE)	8.2	
PBS Professional®	11	
IBM® Platform™ LSF®	8.0	

Pipeline Pilot Client Requirements

This section lists the hardware and software that are required to install Pipeline Pilot on your server.

Supported Operating Systems

BIOVIA supports the installation of Pipeline Pilot Client on the following operating systems:

Operating System	Version(s)	Comments
Microsoft® Windows	7 SP1 8	

Note: Administrator privileges are required so the installer can update registry settings.

Supported Browsers

Browser	Version(s)	Comments
Microsoft Internet Explorer	10 11	Internet Explorer v10 comes with enhanced security turned on. On a Windows Server 2012, you must turn off the enhanced security to access the Pipeline Pilot Server Administration Portal or the Help Center.
Mozilla Firefox	Latest ESR	See http://www.mozilla.org/en-US/firefox/organizations/faq/
Google Chrome	Latest version	

Third-party

- Microsoft® Office 2010 or 2007 (for Excel reader and viewer components)
- (Optional) TIBCO Spotfire® 9.1 or later (for Spotfire viewer components)

Note: Other third-party software might be required for use with separately licensed collections. For details, see the user guides included with your collections (**Pipeline Pilot Help Center > Users tab > Component Collections**). If you need further assistance, contact [BIOVIA Support](#).