

Enterprise Edition System Requirements for Different Levels of Concurrent Usage

Computer	Platform	Operating System (with latest Service Packs)	Processor	Memory	Free Hard Disk Space	Other	Internet Access Required?
All EE products Student Workstation	Windows	Windows 2000	Pentium III, 800 MHz	512 MB	200MB** (60 MB for SRC! or SRI)	QuickTime, 16-bit sound card, headphones, and microphones** Analog headsets are recommended	Only for Scholastic Hosted Model
		Windows XP Pro	Pentium 4, 1.6 GHz				
		Windows Vista	Pentium 4, 2.4 GHz				
	Macintosh	Mac OS X 10.4.11 PPC / Intel	G4, 1.25 GHz / Intel Dual-Core, 1.6 GHz	512 MB			
		Mac OS X 10.5 PPC / Intel	G5, 1.6 GHz / Intel Dual-Core, 1.6 GHz				
System 44 Student Workstation	Windows	Windows 2000	Pentium 4, 2.8 Ghz	512 MB	2.5 GB	QuickTime, 16-bit sound card, Adobe Air, headphones, and microphones** Analog headsets are recommended	
		Windows XP Pro	Pentium 4, 2.8 GHz	1 GB			
		Windows Vista	Pentium 4, 2.8 GHz				
	Macintosh	Mac OS X 10.4.11 PPC / Intel	G4, 1.66 GHz / Intel Dual-Core 1.8 GHz	1GB			
		Mac OS X 10.5 PPC / Intel	G5, 1.8 GHz / Intel Dual-Core 1.8 GHz				
Teacher Workstation	Windows	Windows 2000	Pentium III, 800 MHz	512 MB	500 MB (or 60 MB for SRC! or SRI)	QuickTime, 16-bit sound card, Acrobat Reader, and headphones**	Yes, to access optional online teacher resources and for Scholastic Hosted Model
		Windows XP Pro	Pentium 4, 1.6 GHz	1 GB			
		Windows Vista	Pentium 4, 2.4 GHz				
	Macintosh	Mac OS X 10.4.11 PPC / Intel	G4, 1.25 GHz / Intel Dual-Core, 1.6 GHz	512 MB			
		Mac OS X 10.5 PPC / Intel	G5, 1.6 GHz / Intel Dual-Core, 1.6 GHz				
Application Server, Small*	Windows	Windows 2000 Server	Pentium III, 800 MHz	2 GB	5 GB per ReadAbout or READ 180 stage (60 users)		No
		Windows 2003 Server	Pentium 4, 1.6 GHz				
	Macintosh	Mac OS X Server 10.4.11 PPC / Intel	G5, 1.6 GHz / Dual-Core Xeon, 1.6 GHz				
		Mac OS X Server 10.5 PPC / Intel					
Novell	OES Linux SLES 10	Pentium 4, 1.6 GHz					
Application Server, Medium*	Windows	Windows 2000 Server	Pentium 4, 1.6 GHz	2 GB	5 GB per ReadAbout or READ 180 stage (60 users)		No
		Windows 2003 Server	Pentium 4, 2.4 GHz				
	Macintosh	Mac OS X Server 10.4.11 PPC / Intel	G5, 2 GHz / Dual-Core Xeon, 1.6 GHz				
		Mac OS X Server 10.5 PPC / Intel					
	Novell	OES Linux SLES 10	Pentium 4, 2.4 GHz				

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Application Server, Recommended*	Windows	Windows 2000 Server Windows 2003 Server	Dual-Core Xeon, 3.2 GHz	2 GB	10 GB per ReadAbout or <i>READ 180</i> stage (60 users)	No
	Macintosh	Mac OS X Server 10.4.11 PPC / Intel Mac OS X Server 10.5 PPC / Intel	Dual G5, 2 GHz / Dual-Core Xeon, 3.2 GHz			
	Novell	OES Linux SLES 10	Dual-Core Xeon, 3.2 GHz			
Data Aggregation Server	Windows	Windows 2000 Server Windows 2003 Server	Dual-Core Xeon, 3.2 GHz	2 GB (4 GB if aggregating more than 10,000 students)	1 GB average per school (Does not include student recordings)	No
	Macintosh	Mac OS X Server 10.4.11 PPC / Intel Mac OS X 10.5 PPC / Intel	Dual G5, 2 GHz / Dual-Core Xeon, 3.2 GHz			
	Novell	OES Linux SLES 10	Dual-Core Xeon, 3.2 GHz			
Media Server (for ReadAbout only)	Windows	Windows 2003 Server	Dual-Core Xeon, 3.2 GHz	1 GB	4 GB	No
NOTE: Every server or workstation requires a CD-ROM drive. A DVD drive is optional for the ReadAbout Media Server, but is not required for any other server or workstation.						
*The size of the server represents the number of concurrent users for each product, assuming that the server is handling only one product at a time: Small = 50 <i>READ 180</i> , 50 <i>System 44</i> , 100 <i>SRI</i> , 100 <i>SRC!</i> , or 100 ReadAbout Medium = 100 <i>READ 180</i> , 100 <i>System 44</i> , 300 <i>SRI</i> , 150 <i>SRC!</i> , or 300 ReadAbout users Recommended = 100 <i>READ 180</i> , 100 <i>System 44</i> , 300 <i>SRI</i> , 150 <i>SRC!</i> , 100 ReadAbout, or 1000 <i>FASTT Math</i> users						
**You will need approximately 5 GB free hard disk space if you choose to copy the topic CDs to each local workstation. Note: These technical requirements were accurate as of the date of print, 11//2008. Technical requirements change frequently as a result of new hardware and system software releases by Apple, Microsoft, Adobe, and other companies. Check the Scholastic Web site at www.scholastic.com/READ180techspecs or the FASTT Math Web site at www.tomsnyder.com/fasttmath/tech_support.html for the latest updates.						
*** <i>FASTT Math</i> does not require QuickTime; <i>SRI</i> and <i>SRC!</i> do not require a 16-bit sound card, headphones, or microphones.						

Important Reminders

If you use hardware that just meets the system requirements, the application will run correctly; however, it may run somewhat slower than desired. All features will be present and function properly.

Using hardware below the system requirements is not recommended or supported. Using this hardware may cause the program to run too slowly or prevent certain features (such as voice recording or video playback) from functioning properly.

Thin Client Computing

Thin Client computing is currently not recommended for Scholastic's Enterprise Programs. The media-rich technology on which our Enterprise applications are built require more local processing capacity than thin client solutions typically provide. Thin Client computing is a technology Scholastic continues to monitor and may support in the future when processing capacity improves.

New MacBooks Incompatibility issue with *READ 180*.

Some recent MacBooks use the new GMA X3100 video card. This video card uses shared memory and as a result, only supports the Millions of colors option. *READ 180* requires that the computer preferences be set to thousands or 256 colors. This setting is not available on certain MacBooks (also referred to as the Santa Rosa version). Scholastic is committed to supporting new technology and will continue to work on a resolution to this incompatibility.

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1. Workstations and Servers require a Network Interface Card supporting TCP/IP. Wireless networks (802.11a or 802.11g) are supported, but application performance may be limited by the bandwidth capacity of your wireless network.
2. Media (CD or DVD-based content) can be copied to the hard drives on the student workstations, installed on the Application Server or installed on a Media Server (any NAS device). The server requires approximately 5 GB of disk space for the READ 180 Topic CDs and 4 GB for ReadAbout Media DVDs.
3. Access to a color printer is recommended for teacher & student workstations.
4. A television and DVD player are recommended for READ 180 classrooms in order to watch the rBook anchor videos.
5. The number of concurrent users able to be supported will be heavily influenced by factors such as available network bandwidth.
6. For school-level deployments, Scholastic strongly recommends that ReadAbout Media be installed on a dedicated media server or loaded onto each individual student workstation. In smaller class-level deployments, it may be feasible to use a single server for both application and media hosting purposes.
7. The ReadAbout Media may be installed using either the single DVD installer disc or the multi-CD installer set. Both the single DVD installer disc and the multi-CD installer set will install an identical instance of the ReadAbout Media.
8. The following workstation operating systems are not supported: Windows 95, 98, 98SE, CE, NT, ME, XP Home, 2000 Home; Mac OS 8.0 to 9.x & Mac OS X 10.0–OS 10.3.9.
9. The following server operating systems are not supported: Windows NT; AppleShareIP, Mac OS X Server 10.0 – 10.3.9; Novell NetWare. For more information on our Enterprise Edition solution for Novell Netware users, please visit www.scholastic.com/read180/netware.
10. SAM Servers require a fixed IP address. Please reference the READ 180 Installation and Troubleshooting Guide for information on configuring SAM when using DHCP.
11. Scholastic strongly recommends that SAM be installed on a dedicated server that is not used by other applications. If SAM is installed on a server shared with other applications, overall system performance will vary based on the use of the other programs. All concurrency testing of Enterprise applications was conducted using dedicated servers.
12. The following Internet browsers are supported (required for performing certain administrative tasks involving data import and export): On Windows, Internet Explorer 6.x and 7.x. On Mac OS X, Safari 1.2 and 2.0.
13. Scholastic fully supports and recommends using the Dual Core Intel processors for workstations and servers on both the Windows and Macintosh platforms
14. Scholastic fully supports the Vista Business operating systems for 32-bit processors.
15. Installing the Scholastic Reading Counts! quizzes will take up an estimated 285 MB of disk space.
16. For optimal performance Scholastic recommends using Analog headsets.

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