Hardware and Operating System Guidelines

For optimum performance of your Cornerstone* Software, ensure your system meets or exceeds the specifications in this document. These specifications and recommendations may differ depending on your system configuration and whether additional software or services are installed on your computers.

Operating system compatibility

Operating system	Minimum Cornerstone software version
Windows* Server* 2016 (Standard and Datacenter)	Cornerstone* 8.5 NEXT
Windows* 10 (Professional and Enterprise)	Cornerstone* 8.3 NEXT
Windows* 8/8.1 (Professional and Enterprise) Windows Server* 2012 and 2012 R2 (Standard and Datacenter)	Cornerstone* 8.3 SP4
Windows* 7 (Professional and Enterprise) Windows Server* 2008 R2 (Standard and Datacenter)	Cornerstone* 8.0 SP2

Microsoft End of Support Life notifications

Windows[*] XP, Windows XP Embedded, Windows Server 2003, and **Windows* Vista*** have all reached their **Microsoft End of Support Life.**

Call your IDEXX representative at 1-800-283-8386, option 4, option 5, for information on transitioning to a supported operating system.

End of Support Life refers to the date when Microsoft no longer provides automatic fixes, updates, or online technical assistance. Without Microsoft support, you will no longer receive security updates that can help protect your computer system from harmful viruses and other malicious software. Also note that using an unsupported operating system is not Payment Card Industry (PCI) compliant. Be mindful of these dates and ensure that you are using a supported operating system to better protect your computer system.

Microsoft End of Sales Life notifications

On **December 31, 2017, Windows Server 2012 R2** will reach the **Microsoft End of Sales Life**. Around that timeframe, IDEXX will no longer be able to sell systems running the Windows Server 2012 R2 operating system, the exact date being dependent on IDEXX stock levels.

Call your IDEXX representative at 1-800-283-8386, option 4, option 5, for information.

End of Sales Life refers to the date when a particular version of a Microsoft Windows operating system is no longer shipped to retailers or original equipment manufacturers (OEMs). Examples of OEMS are Dell* and HP*—personal computer manufacturers who often preinstall Windows software.

Hardware recommendations

	Operating system	Processor	Hard drive	Memory
Peer-to-peer server† or thick-client workstation	Windows 10 Pro Windows 8.1 Pro Windows 7 Pro	Multi-core Intel* processor‡	500 GB§	8 GB
Dedicated server	Windows Server 2016 Windows Server 2012 R2 Windows Server 2008 R2	Multi-core Intel Xeon* processor	500 GB§	8 GB + 1 GB per thin client
Thin-client workstation (terminal)	Windows* Embedded Windows 10 Windows 8 Windows 7	Minimum supported by operating system		

† For a peer-to-peer network IDEXX recommends no more than nine thick-client workstations.
‡ Excluding Intel Celeron* and Intel Atom* processors
§ Servers that store digital images will require more hard drive and backup space.

General recommendations

Business class computers, printers, and peripherals

IDEXX recommends you use business class computers, printers, and peripherals to ensure the best performance, reliability, and warranty. Business class devices are available from manufacturers like Dell* and include components, configuration options, and a warranty designed to meet the needs of a demanding business environment.

Gigabit-speed, wired networks

IDEXX recommends you use computers and switches capable of gigabit speed with a wired connection. Gigabit network speeds require CAT5e or better cabling. A wired connection will always provide a faster and more stable Cornerstone experience. A wireless connection should be used only for mobile computers.

Firewall and antivirus (malware) protection

IDEXX recommends the use of a hardware firewall and the Trend Micro* Worry-Free* Business Security Services antivirus solution, which includes a software firewall. IDEXX only supports configuration of the Trend Micro software firewall for proper operation of IDEXX products and services. For general firewall configuration details specific to Cornerstone, see the *Firewall Configuration Guide*. (To find the *Firewall Configuration Guide* on idexx.com, search for **Cornerstone Resources**, and then locate the guide under **Hardware & computer systems.**)

For more information, call your IDEXX representative at **1-800-283-8386**, **option 4**, **option 5**.

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