

Minimum and Recommended Requirements



Please note that Pen CS will discontinue support for Windows 7 and Server 2008 R2 from the 1st of July 2020. Microsoft has discontinued support for these products on the 14th of January 2020 and there will be no further security updates available from Microsoft for their discontinued products. Please update as soon as possible to avoid exposing your network to security risks. Updates from Windows 7 to Windows 10 are still available for free through the Microsoft website - here is an article describing the process: [CNET article about Win10 update options](#)

	Server	
Item	Minimum	Recommended
Operating System	Windows Server 2012 (64 bit)	Windows Server 2012 R2 (64 bit) or higher
Processor	Intel Core i3-2100/Core i5-2300/Core i7-920 or AMD equivalents	Intel Core i7-2600/Xeon E5502 or better or AMD equivalents
RAM	8GB	16GB
Hard Disk	1GB	10GB
Monitor		
.NET	4.6 2.0*	4.6 2.0*
SQL (Topbar only)	Existing installations: Microsoft SQL Server 2008 R2 or SQL Server 2014 New installations: Microsoft SQL Server 2016	Existing Installations: Microsoft SQL Server 2014 New installations: Microsoft SQL Server 2016
Network	100Mbit	1Gbit
	Client	
Item	Minimum	Recommended
Operating System	Windows 8	Windows 10 64 bit
Processor	Intel Core i3-530/Core i5-750/Core i7-860 or AMD equivalents	Intel Core i3-2100/Core i5-2300/Core i7-920 or better or AMD equivalents
RAM	4 GB	8GB
Hard Disk	1 GB	1GB
Monitor	17" running 1080p	22" running 1080p
.NET	4.6 2.0*	4.6 2.0*
Network	100Mbit	1Gbit



Other Requirements

The computer used for data collection through CAT4 needs to have the clinical system installed.

PCS Clinical Audit uses an authentication mechanism that requires a persistent internet connection. It is recommended that you have a broadband internet connection to operate CAT4.

CAT4 uses a lot of memory and the provided minimum requirements will not be sufficient for larger practices with more than 5000 patients. We strongly recommend a 64 bit operating system and as much RAM as possible.