

# System Requirements Topbar

## Topbar®

Pen CS Pty Ltd (PEN CS) have developed Topbar as an adjunct to the GP Clinical Desktop System to deliver useful tools and decision support information for the primary care sector at the point of care.

Topbar is designed to provide prompts and relevant information to all clinic staff based on the patients being seen and also those who are on the waiting list for the day. The user interface is minimalistic and allows the users to focus on the patient details and clinical information but provides important additional tools and information. Complete and accurate patient records are a key component of primary health care and Topbar assists all staff with this important aim.

Topbar currently supports the following versions of Best Practice, Medical Director and Zedmed.

- For Best Practice:
  - V1.10.0.880 or later: Topbar 2.3.25 or later
  - V1.8 to 1.10.0.879: All Topbar versions
- Medical Director v3.17 and later
- Zedmed v28 and later

## Intended Audience

This document is for system administrators, IT support and users of Topbar. It covers the technical aspects of the installation of Topbar on the clinic server.



The specifications listed below are for up to five concurrent users, for larger clinics the specifications need to be established based on average server load.

Currently Topbar does not support deployment using Windows RemoteApps.

Whilst Topbar may function correctly, this is not currently an officially supported deployment scenario.

The Topbar database cannot be installed on a domain controller as Microsoft does not recommend installation of SQL Server on domain controllers. If your server is a domain controller, you will need to provide a different computer that meets the minimum specification to install Topbar.

[Microsoft support link](#)

	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

	<b>Client</b>	
Item	<b>Minimum</b>	<b>Recommended</b>
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

\*Windows 8 and newer and Windows Server 2012 and newer don't have .net 2.0 activated by default. This can be activated in the Windows Features settings by clicking the .NET Framework 3.5 box as shown below:

