## SYSTEM REQUIREMENTS, INSTALLATION AND CONFIGURATION

PAT CAT is installed on a server and detailed specifications/requirements for the server are available from Pen CS. It is accessed by users entirely within a web browser. The following browsers are recommended:

- Internet Explorer v10 or later,
- Firefox v13 or later,
- Chrome v32 or later,
- Safari v7 or later.

PAT CAT Responsibilities and Requirements						

## Requirements

Web Server	Minimum Requirements	Recommended Requirements	
Operating System	Microsoft Windows Server 2008 (Standard/R2) X64	Microsoft Windows Server 2012 (Standard /R2) X64 or higher	
Processor	8 Logical Cores	24+ Logical Cores	
RAM	16 GB	32+ GB	
Hard Disk	250 GB	500+ GB	
Microsoft .NET Framework	<ul> <li>.NET 3.5, 4.5 and 4.6.1</li> <li>IIS 7+</li> <li>IIS Web components(ASP.NET 4.5, Static &amp; Dynamic Content Compression, IIS Manager)</li> </ul>		
Other Requirements	<ul> <li>Broadband internet connection (minimum 5 Mbs up + 5 Mbs down)</li> <li>SSL Certificate (Single root or Wildcard dependent on IT infrastructure, Wildcard recommended)</li> <li>Dedicated PAT CAT Subdomain (e.g. https://patcat.yourphnurl.org.au)</li> <li>Port forwarding from port 80 to port 443 for all PAT CAT traffic</li> <li>Remote access facilities for installation and maintenance by Pen CS (e.g. Remote Desktop, Teamvieweretc.)</li> <li>with local Admin privileges</li> <li>Firewall exception for connectivity to database server (standard SQL Server ports are TCP 1433 and UDP 1434)</li> <li>Internet Explorer 11+ or Google Chrome v42+</li> </ul>		

Note: "+" refers to "more is better"

Database Server	Minimum Requirements	Recommended Requirements	
Operating System	Microsoft Windows Server 2008 (Standard/R2) X64	Microsoft Windows Server 2012 (Standard /R2) X64 or higher	
Processor	16 Logical Cores	32+ Logical Cores	
RAM	32 GB	64+ GB	
Hard Disk	1TB	1+TB	
Microsoft .NET Framework	• .NET 3.5, 4.5 and 4.6.1		
Database	Microsoft SQL Server 2008r2 Standard Edition (2014 Standard Edition or higher recommended)  SQL Server Options installed:     SQL Server Management Studio     Mixed Mode Authentication     SQL Server Agent		
Other Requirements	<ul> <li>Firewall exception for connectivity to web server (standard SQL Server ports are TCP 1433 and UDP 1434)</li> <li>Remote access facilities for installation and maintenance by Pen CS (e.g. Remote Desktop, Teamvieweretc.)</li> <li>with local Admin privileges, and database owner privileges</li> </ul>		

Note: "+" refers to "more is better"