

System Requirements Version 4.0



for On-Premise (Subscription and Perpetual)

The following requirements are for Perspective™ operating in a traditional LAN/WAN environment with the Web server component running on a separate Microsoft® IIS box. These configurations are for planning purposes only—please work with your PPM 2000 account manager for a specific assessment of your needs. These requirements apply to Perspective™ V.4.0 and Perspective Focal Point™ V.1.2.

	Minimum	Recommended
Client Machine		
Processor Speed	1.5 GHz	3 GHz+
Memory	1 GB	2 GB+
Operating System	Windows® Vista SP 3, Windows® 7 SP 1, Windows® 8	
.Net Framework	Version 4.0	
Web Browser – Launch Perspective	Internet Explorer® 7.0, Internet Explorer® 8.0, Internet Explorer® 9.0, Internet Explorer® 10.0	
Web Browser – Web Portal	Internet Explorer® 10.0, Chrome v29+, Safari iOS5.1+, Android Browser 4.2+	
Third Party Application	Adobe® Reader® 9.4.0+ Microsoft Office® 2007 ¹ , Microsoft Office® 2010 ¹ Sun Java™ Runtime Environment 7 U15+ ² QlikView™ Analyzer Plug-in for Internet Explorer® ³	
Mobile iOS App	iOS 5, iOS 6, iOS 7	
Web Services Server⁴		
Available Disk Space⁵	1 GB	1 GB
Processor Speed	2 GHz	2 GHz multicore or better
Memory	4 GB	8 GB+
Operating System	Windows Server® 2008 SP 2 64 bit with IIS, Windows Server® 2008 R2 SP 1 64 bit with IIS, Windows Server® 2012 with IIS	
.Net Framework	Version 4.5 with http and non-http activation	
C++ Runtime Libraries	C++ 2010 SP1 Runtime Libraries (x64) 10.40219	
QlikView™ Server⁶	64 bit Version 11.20 SR1	
SQL Server® Machine⁴		
Available Disk Space	2 GB	20 GB+, SCSI Hard Drive
Processor Speed	3 GHz	64 bit Server Dual Core or Multiple Processors
Memory	2 GB	4 GB+
Database Server	SQL Server® 2008 SP 3, SQL Server® 2008 R2 SP2, SQL Server® 2012 SP1	
Reporting Services	SQL Server® 2008 Reporting Services, SQL Server® 2012 Reporting Services	

Deployment Note: Perspective client is deployed as a ClickOnce application, launched from Internet Explorer®; it has a zero client footprint and does not require administrative rights to launch. Refer to last page for more details on ClickOnce.

Network Note: If single sign-on authentication or add from Active Directory® is used, the Active Directory® Services must be enabled on the Perspective Web Server.

DTC Note: Perspective Integration Services requires the Microsoft® Distributed Transaction Coordinator (DTC) service to be installed and enabled on the Internet Information Services (IIS) for Windows® Web Server and the Microsoft® SQL Server® for Perspective.

1 This requirement only applies if using Outlook® email integration.

2 This requirement only applies if using the Visual Analysis component.

3 This requirement only applies to Perspective Focal Point.

4 These requirements are for systems with 5 to 25 users. For Perspective systems with more than 25 users, please contact your PPM account manager for a specific assessment of your needs.

5 Depending on the size of your Perspective database, more disk space may be required for Perspective Focal Point and the Workflow component.

6 This requirement only applies to Perspective Focal Point. A limited QlikView™ Server license is included with Focal Point.



System Requirements Version 4.0



for SaaS and Managed Hosted

The following requirements are for Perspective™ operating in PPM's cloud environment with the Web server and SQL servers managed by PPM.

	Minimum	Recommended
Client Machine		
Processor Speed	1.5 GHz	3 GHz+
Memory	1 GB	2 GB+
Operating System	Windows® Vista SP 3, Windows® 7 SP 1, Windows® 8	
.Net Framework	Version 4.0	
Web Browser – Launch Perspective	Internet Explorer® 7.0, Internet Explorer® 8.0, Internet Explorer® 9.0, Internet Explorer® 10.0	
Web Browser – Web Portal	Internet Explorer® 10.0, Chrome v29+, Safari iOS5.1+, Android Browser 4.2+	
Third Party Application	Adobe® Reader® 9.4.0+ Microsoft Office® 2007 ¹ , Microsoft Office® 2010 ¹ Sun Java™ Runtime Environment 7 U15+ ² QlikView™ Analyzer Plug-in for Internet Explorer® ³	
Mobile iOS App	iOS 5, iOS 6, iOS 7	
Web Services Server		
Provided by PPM		
SQL Server® Machine		
Provided by PPM		

Deployment Note: Perspective client is deployed as a ClickOnce application, launched from Internet Explorer®; it has a zero client footprint and does not require administrative rights to launch. Refer below for more details on ClickOnce.

- ¹ This requirement only applies if using Outlook® email integration.
- ² This requirement only applies if using the Visual Analysis component.
- ³ This requirement only applies to Perspective Focal Point.

PPM's Cloud Environment

Perspective Web Services Server, SQL Services Server and Reporting Services Servers are completely provided and managed by PPM. Cloud infrastructure and facilities include:

- 99% uptime guarantees for datacenter core services.
- 24x7x365 datacenter support services and security services team.
- No single points of failure.
- SSA 16 Type II and ISO 27001 certifications.

Convenient ClickOnce Deployment

Launch Perspective from the web with a zero client footprint! It's now easier to update and maintain your Perspective system. ClickOnce deployment overcomes three major IT challenges:

Difficulties in updating applications: With Microsoft® Windows® Installer deployment, whenever an application is updated, the user must reinstall the entire application; with ClickOnce deployment, you can provide updates automatically. Only those portions of the application that have changed are downloaded, then the full, updated application is reinstalled from a new side-by-side folder.

Impact to the user's computer: With Microsoft® Windows® Installer deployment, applications often rely on shared components, with the potential for versioning conflicts; with ClickOnce deployment, each application is self-contained and cannot interfere with other applications.

Security permissions: Microsoft® Windows® Installer deployment requires administrative permissions and allows only limited user installation; ClickOnce deployment allows non-administrative users to install and grants only those Code Access Security permissions necessary for the application.

With the convenience of ClickOnce, Perspective is easy to install on any computer—even temporarily. (Remember, no data ever resides on the client computers... it's all server-based.)

