System Requirements Version 3.3
for On-Premise

Perspective™ by PPM 2000

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.3.3, Perspective Integration Services™ V.3.3, Perspective DispatchLog® V.4.0, Perspective e-Reporting™ V.2.0, Perspective Focal Point™ V.1.2, Perspective Mobile™, Perspective Visual Analysis™ V.3.3 and Perspective Workflow™ V.1.0.

	Minimum	Recommended
Client Machine		
Processor Speed	1.5 GHz	3 GHz+
Memory	1 GB	2 GB+
Operating System	Windows® Vista SP 2	Windows® 7 SP 1
.Net Framework	Version 4.0	Version 4.0
Web Browser	Internet Explorer® 7.0	Internet Explorer® 9.0
Third Party Application	Adobe® Reader® 7.0.5+ Microsoft Office® 2007[1] Sun Java™ Runtime Environment 6.0 U7[2] QlikView™ Analyzer Plug-in for Internet Explorer®[3]	Adobe® Reader® 9.4.0+ Microsoft Office® 2010[1] Sun Java™ Runtime Environment 7 U15+[2] QlikView™ Analyzer Plug-in for Internet Explorer®[3]
Mobile Device[4]	See *Perspective Mobile™ Supported Device List*	See *Perspective Mobile™ Supported Device List*
Web Services Server[5,6]		
Available Disk Space[7]	1 GB	1 GB
Processor Speed	2 GHz	2 GHz multicore or better
Memory	2 GB	4 GB+
Operating System	Windows Server® 2008 SP 2 64 bit	Windows Server® 2008 R2 SP 1 64 bit
.Net Framework	Version 4.0	Version 4.0
IIS—Internet Information Services[8]	IIS 7.0	IIS 7.5
C++ Runtime Libraries	C++ 2010 SP1 Runtime Libraries (x64) 10.40219	C++ 2010 SP1 Runtime Libraries (x64) 10.40219
QlikView™ Server[9]	64 bit Version 9 SR 2	64 bit Version 9 SR 2
SQL Server® Machine[6]		
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[10]	SQL Server® 2008 Standard SP 1 or R2	SQL Server® 2012 Standard or Enterprise
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 Services' 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 to Perspective Visual Analysis.
3 This requirement only applies to Perspective Focal Point.
4 This requirement only applies to Perspective Mobile.
5 These requirements apply to Perspective, Perspective e-Reporting, Perspective Focal Point and Perspective Workflow.
6 These requirements are for systems with 5 to 25 concurrent users. For Perspective systems with less than 5 or more than 25 concurrent users, please contact your PPM 2000 account manager for a specific assessment of your needs.
7 Depending on the size of your Perspective database, more disk space may be required for Perspective Focal Point and Perspective Workflow.
8 Requires IIS 6 Management Tools installed.
9 This requirement only applies to Perspective Focal Point. A limited QlikView™ Server license is included with Focal Point.
10 SQL Server® 2008 Express is only supported for the Standard Edition of Perspective.

System Requirements Version 3.3

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 2000.

	Minimum	Recommended
Client Machine		
Processor Speed	1.5 GHz	3 GHz+
Memory	1 GB	2 GB+
Operating System	Windows® Vista SP 2	Windows® 7 SP 1
.Net Framework	Version 4.0	Version 4.0
Web Browser	Internet Explorer® 7.0	Internet Explorer® 9.0
Third Party Application	Adobe® Reader® 7.0.5+ Microsoft Office® 2007[1] Sun Java™ Runtime Environment 6.0 U7[2]	Adobe® Reader® 9.4.0+ Microsoft Office® 2010[1] Sun Java™ Runtime Environment 7+[2]
Mobile Device[3]	See *Perspective Mobile™ Supported Device List*	See *Perspective Mobile™ Supported Device List*
Web Services Server		
Provided by PPM 2000		
SQL Server® Machine		
Provided by PPM 2000		

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 to Perspective Visual Analysis.
3   This requirement only applies to Perspective Mobile.

PPM's Cloud Environment

Perspective Web Services Server, SQL Services Server and Reporting Services Servers are completely provided and managed by PPM 2000.

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.)