

PM OLAP Specification

PM OLAP consists of PM OLAP 10 Server
PM OLAP Application Studio
PM OLAP Application Studio Webservices
Common Object Store SQL repository

Infor strongly recommend a dedicated machine for the Infor PM OLAP Server in order to ensure optimal stability and performance and lowest cost of ownership.

PM OLAP Server

Hardware recommendation 32 bit

Computer: 2-4 processor 3.0 GHz+ XEON
Memory: 2 to 4 GB DDR2 RAM
Hard Disks: Fast hard disk system
Network: The only supported protocol is TCP/IP.

With the release of I7 and DDR3 this should be the best performing hardware configuration.

Hardware recommendation for 64 Bit Version

Because the 32 bit Windows operating system allows each process only 2 GB or 3 GB of virtual memory, a 64 bit version of the Infor PM OLAP Server can give extra benefit to customers, especially in the ability to use more than 3 GB of RAM on a server process.

Computer: 2-4 64Bit processor
OS: E.g. Windows 2003 Server x64 Editions
Memory: 4 GB RAM or higher, expandable
64bit memory should be above 8gb to deliver best performance.
Hard Disk: Fast hard disk system
Network: The only supported protocol is TCP/IP.

NB RAM requirements are dependant on the Infor PM applications being built, and their population characteristics, both in the present and in the future. Any server must be capable of being upgraded to at least 4 GB of RAM.

Operating Software requirements

Windows Server 2003 SP1. Windows 2008 is supported. There is a separate document and readme files with additional software details.

Common Object Store SQL Repository

This contains user rights information and Application studio report definitions. **This requires an instance of SQL Server Enterprise edition** which can be installed as a new install on the PM OLAP Server or it can be run on a current installation of SQL on another server.

Disk Space

The size of the SQL databases on PM OLAP Server could be in the range of 150 MB to 5 GB or more.

The size of a PM OLAP model on disk is typically small in relation to the overall numbers calculated in memory. Only the base numbers are stored on disk. A larger cube can require around 100mb of disk space and in some models there may be one or more of these. It would be advisable to have a Data Drive in excess of 100GB of disk space. The program files require 0.5GB of disk space.

Additional space can be consumed if shared reports are saved on the PM OLAP Server.

File backup

All Infor PM Application data files and transaction logs should be backed-up on a daily basis.

Network/Protocol:

The only supported protocol is TCP/IP.

Application Studio

There are no additional server requirements for Application Studio

Application Studio WebService

The Application Studio WebServices machine serves as server machine for your web application. **This can reside initially on the same server as the PM OLAP Server.** On this machine a full Application Studio is installed, including the web components of Application Studio.

Hardware Minimum Requirements

A minimum of 70 MB free RAM is required per web instance.

200 MB hard disk space is required for the installation + additional disk space for temporary files

2 GHz

100Mbit connection to repository and application database

Hardware recommendation

Computer: 2-4 processor Dual or Quad Core 3.0 GHz

Memory: 2 GB RAM, better: Windows 2003 SP1 Enterprise Server with more GB (depends on number of concurrent user and size of instances)

Hard Disks: Fast hard disk system

Network: 1Gbit , The only supported protocol is TCP/IP.

Operating Software requirements

NB: These are in addition to the above software requirements.

Internet Explorer 6.0 SP1 (contains important operating system updates)

Windows 2000 SP4, Windows XP SP2 Professional, Windows 2003 SP1

IIS installed on an NTFS partition

Software recommendation

Operating System Windows 2003 SP1 Enterprise Server

Windows 2008 is supported.

For support purposes both internal and external CFMS recommend that a remote support protocol is used. This can be VNC or equivalent or involve terminal services access over a VPN etc.