

Hardware Specifications

for Supporting Vital Images Products



Vitreia® Enterprise Suite Thin-Client Specifications

Recommended Hardware

- 1 GHz 32-bit (x86) or 64-bit (x64) processor
- 1GB of system memory with at least 500 MB available for the thin-client
- 40GB hard drive
- DirectX 9 graphics support

Recommended Operating Systems

- Microsoft® Windows® XP Professional x64 Edition with SP2
- Microsoft® Windows® XP Professional Edition with SP2
- Windows® Vista 32-bit/64-bit Business Edition with SP1

Prerequisite Applications

- Microsoft® Internet Explorer® v6.0 or higher

Vitreia Enterprise Suite Powered Workstation Specifications

Minimum Hardware Specifications

- (2x) Quad-Core Intel® Xeon® Processor E5520 2.26GHz 8MB Socket 1066 CPU
- 8GB (4x2 GB) DDR3-1333 ECC RAM
- 40GB hard drive
- NVIDIA® FX1800 or better is recommended
- 1280 x 1024 resolution is required; 1600 x 1200 is recommended

Recommended Operating Systems

- Microsoft® Windows® XP Professional x64 Edition with SP2
 - Visual Effects must be configured for best performance
- Microsoft® Windows® Vista 32-bit/64-bit Business Edition with SP1
 - Microsoft® User Account Control (UAC) should be disabled
 - Microsoft® Windows® Aero must be disabled
- Vital Optimized Operating System VPMC-09392D for HP z600, z800, xw4600, xw6400, xw6600 and xw8600 workstations

Prerequisite Applications

- Microsoft® Internet Explorer® v6.0 or higher

Available Vital Optimized hardware configuration

- HP z600 Workstations with NVIDIA FX1800 graphics card running Vital Optimized Operating System VPMC-09392D or newer. Use HP SKU YG698UC when ordering.

Vitreia Core Rendering Specifications

HP ProLiant DL160 Generation 6

- (2x) Quad-Core Intel® Xeon® Processor E5520 2.26GHz, 8 M Cache, 80 Watts 1066MHz CPU
- HP 8GB PC3-10600E (4x2)GB 2 Rank Memory. Vitreia will use all available memory
- (2x) HP 160GB 3G SATA Non-Hot Plug 7,200rpm 3.5" ETY Hard Drive
- NVIDIA® Quadro® FX3700 graphics card running Vital Optimized Operating System VPMC-11627A
- Use HP SKU AW696A when ordering

Vitrea® Advanced Server Specifications

HP ProLiant DL160 Generation 6

- (2x) Quad-Core Intel® Xeon® Processor E5520 2.26GHz, 8 M Cache, 80 Watts 1066MHz CPU
- HP 8GB PC3-10600E (4x2)GB 2 Rank Memory. Vitrea will use all available memory
- (2x) HP 160GB 3G SATA Non-Hot Plug 7,200rpm 3.5" ETY Hard Drive
- NVIDIA® Quadro® FX3700 graphics card running Vital Optimized Operating System VPMC-11627A
- Use HP SKU AW696A when ordering

Please see Domain Setup Guide for Organization Unit Recommendations and Group Policy Settings.

Vital Image Management System (VIMS) Specifications

Minimum Hardware

- HP ProLiant DL380 Generation 6
 - (2x) Quad-Core Intel® Xeon® Processor X5550 2.66GHz, 8M Cache, 95 Watts, 1333MHz
 - HP 12GB PC3-10600E (6x2)GB 2Rank Memory
 - (2x) 72GB 15,000 RPM SAS hard drives in RAID 1 for Operating System
 - (4x) 146GB 10,000 RPM SAS hard drives in RAID 10 for DICOM Receive temporary files
 - (2x) 146GB 10,000 RPM SAS hard drives in RAID 1 SQL Server Data and SQL Logs
 - Embedded P410i (SAS Array Controller)

Recommended Operating Systems

- Microsoft® Windows® Server 2003 R2 Standard x64 Edition
 - NTFS Indexing Service should be disabled on disks
 - Windows® Indexing Search Service should be disabled or uninstalled
 - Windows® Page File should be on a different drive than Windows® OS
 - Tracking of "last accessed/update" file time should be disabled
 - TCP/IP and Network packet processing should be optimized

See VIMS Installation and Administration Guide for instructions.

- Vital Optimized Operating System VPMC-11629A

Prerequisite Applications

- Microsoft® Internet Information Services 6.0
- Microsoft® .NET Framework 2.0 SP1 (needed before SQL Server)

Recommended Vital Optimized hardware configuration

- HP ProLiant DL380 Generation 6 running Vital Optimized Operating System VPMC-11629A.
Use HP SKU AW695A when ordering.

Network Attached Storage Recommendations

Vital Images has partnerships with industry leading storage providers. Please contact Vital Images Sales Operations Team for site-specific recommendations.