



## U.S. Department of Veterans Affairs

Office of Information and Technology  
Enterprise Program Management Office

VistA Imaging ▶ Approved Equipment Configurations [All Items](#)

Created to document approved equipment for use with VistA Imaging.

Approval Number	Vendor	System Type	System Summary	Status	Date Submitted for Approval	Submitted by	Date Approved	Approved
VA-IT-NetApp-StorageGrid-06192013	NetApp	Tier 2 Storage	<ul style="list-style-type: none"> <li>NetApp StorageGrid               <ul style="list-style-type: none"> <li>See Attached -VISN-5 Install Validation Config Report (AS BUILT) CLIN 0002AC.PDF</li> <li>Object-based NetApp E-Series StorageGRID systems. The virtualized application will provide intelligent, object-based storage in a VISN grid configuration that can maintain duplicate copies of data and replicate data to other sites within the grid.</li> <li>42 U APC rack containing NetApp servers, Cisco servers, top of rack Cisco switches.</li> </ul> </li> </ul>	Approved	9/15/2012	NetApp Professional Services – US Public Sector Aron Klein Professional Services Consultant 443.838.2564 <a href="mailto:AronK@netapp.com">AronK@netapp.com</a>	10/22/2012	Roger Con Contractor Stewart Fr (VA Contr Scott Price Lary Carls
VA-IT-HP-VRad-06192013	HP	VistARad Workstation	<ul style="list-style-type: none"> <li>For DX Wrkstns:               <ul style="list-style-type: none"> <li>Z620 or Z820, single or dual processor, 8 or 16GB, 128 or 256GB SSD, DVD-ROM, Barco 2MP, 3MP, 4MP, 5MP, 6MP or 10MP display systems.</li> <li>All displays are available in color or grayscale except the 5MP an 10MP which are Grayscale only.</li> </ul> </li> <li>For Key Wrkstns:               <ul style="list-style-type: none"> <li>Z420 or Z620, single processor, 8GB, 128GB SSD, DVD-ROM, Barco 2MP, 3MP or 4MP typically.</li> </ul> </li> </ul>	Approved	6/19/2013	Eric Watson Solutions Architect for VistA Imaging HP Enterprise Services, U. S. Public Sector Consulting Hewlett-Packard Company  +1 410-971-6246 / Mobile +1 404-774-0443 / Office <a href="mailto:eric.c.watson@hp.com">eric.c.watson@hp.com</a> / Email	6/19/2013	Larry Carls
VA-IT-HP-DICOMGateway (IHS)-09202013	HP	DICOM Gateway	Virtualized DICOM Gateway P99 (IHS Usage) <ul style="list-style-type: none"> <li>Test Dates:               <ul style="list-style-type: none"> <li>Systems preparation completed - various dates early September</li> <li>Tests- Sept 16th, 2013</li> </ul> </li> <li>System Hardware:               <ul style="list-style-type: none"> <li>(1)HP Proliant Gen8 DL360 Server; 12 GB RAM; Xeon E5-2643 3.3 Ghz CPU</li> <li>Windows 2008R2 Host OS; Windows 2003 32b Guest OS (Hyper-V VM)</li> <li>One to One (Physical to Virtual) Configuration – MAG Storage Platform – IMM29/30 storage cluster (3PAR7200)</li> <li>WORM Archive – Optical Jukebox</li> </ul> </li> </ul>	Approved	9/20/2013	Eric Watson Solutions Architect for VistA Imaging HP Enterprise Services, U. S. Public Sector Consulting Hewlett-Packard Company  +1 410-971-6246 / Mobile +1 404-774-0443 / Office <a href="mailto:eric.c.watson@hp.com">eric.c.watson@hp.com</a> / Email	9/27/2013	Daniel Car (VistA Imz Regulatory Consultant Stuart Fra (technical approval) Roger Con Contractor Larry Carls Program Manager
VA-IT-HP-3PAR-06192013	HP	Tier 1 Storage	<ul style="list-style-type: none"> <li>HP 3 Par Tier 1 Storage System with Tape Library (See Attachment)               <ul style="list-style-type: none"> <li>(2) Proliant DL380 Gen8 servers; 8 GB RAM, 146 GB 6G SAS 15K local drives; Emulex 8 Gb FC HBA's (AJ762B)</li> <li>(2) HP 24A HV PDU I6-30R (252663-D72)</li> <li>KVM (AZ870A)</li> <li>(2) 8/8 SAN switches (AM866B)</li> <li>(1) Service Processor server (QR516A)</li> <li>(1) 3PAR 7200 2-N Storage Base (Dual Controller, (4) ports (QR482A)</li> <li>(24) 2.5" 900 GB 10K SAS Enterprise HDDs in(3) 2.5" 2U enclosures</li> <li>19.7 TB Capacity (FC; Fast Class)</li> <li>(24) 3.5" 2 TB 7.2K SAS NL HDDs in (2) 3.5" 4U enclosures</li> <li>43.3 TB Capacity (NL; Near Line)</li> <li>(R)quired and (O)ptional 3PAR Licenses</li> <li>Inform OS suite (R) v3.1.2</li> <li>Optimization Suite (O) – Optional Tests</li> <li>System Reporter (O) – Optional Tests</li> </ul> </li> </ul>	Approved	10/3/2013	Eric Watson Solutions Architect for VistA Imaging HP Enterprise Services, U. S. Public Sector Consulting Hewlett-Packard Company  +1 410-971-6246 / Mobile +1 404-774-0443 / Office <a href="mailto:eric.c.watson@hp.com">eric.c.watson@hp.com</a> / Email	10/3/2013	Daniel Car (VistA Imz Regulatory Consultant Stuart Fra (technical approval), Carlson Vi Imaging Program Manager
VA-IT-HP-DICOMGateway (VA)-10082013	HP	DICOM Gateway	Virtualized DICOM Gateway P99 (IHS Usage) <ul style="list-style-type: none"> <li>Test Dates:</li> </ul>	Approved	10/8/2013	Eric Watson Solutions Architect for VistA Imaging HP Enterprise Services, U. S. Public Sector Consulting	10/25/2013	Daniel Car (VistA Imz Regulatory Consultant Stuart Fra (technical

				<ul style="list-style-type: none"><li>▪ Systems preparation completed - various dates early September</li><li>▪ Tests- Sept 16th, 2013</li><li>◦ System Hardware:<ul style="list-style-type: none"><li>▪ (1)HP Proliant Gen8 DL360 Server; 12 GB RAM; Xeon E5-2643 3.3 Ghz CPU</li><li>▪ Windows 2008R2 Host OS; Windows 2003 32b Guest OS (Hyper-V VM)</li><li>▪ One to One (Physical to Virtual) Configuration</li><li>▪ MAG Storage Platform – IMM29/30 storage cluster (3PAR7200)</li><li>▪ WORM Archive – Optical Jukebox</li></ul></li></ul>			<p>Hewlett-Packard Company</p> <p>+1 410-971-6246 / Mobile +1 404-774-0443 / Office <a href="mailto:eric.c.watson@hp.com">eric.c.watson@hp.com</a> / Email</p>		<p>approval) Roger Con Contractor Carlson (' VistA Ima project Ma</p>
	VA-IT-HP-DICOMGateway-06092014	HP	DICOM Gateway	<p>This is a modification to VA-IT-HP-3PAR-06192013</p> <ul style="list-style-type: none"><li>• Durham Virtual Gateway Cluster POC (Email attached with results – 6/9/14)<ul style="list-style-type: none"><li>◦ Section 7 states recommendation for Pilot Site implementation in N. Chicago</li><li>◦ N. Chicago Pilot Request (Email Request 5-13-14)</li><li>◦ Follow up call with Larry and VA staff from Chicago/R2 on Pilot; Verbal approval given.</li><li>◦ N. Chicago Purchase of the VGC option (Sept 2014) This hardware (plus 3PAR cluster) is scheduled for N. Chicago delivery on 11/7 and deployed soon after Awaiting site power confirmation, but projected late Nov/early Dec '14 install.</li><li>◦ Config details and results will be provided post install Monthly Enterprise call discussions on status of Pilot (N. Chicago)</li><li>◦ A mock VGC environment is being configured in the HP lab to run through the configuration to be utilized in N. Chicago in advance of install</li><li>◦ POC<ul style="list-style-type: none"><li>▪ The following hardware configuration was available and utilized for POC:<ul style="list-style-type: none"><li>▪ (2) HP Proliant DL380 G5 (BIOS - 5/11)</li><li>▪ 4 GB RAM</li><li>▪ 2 x Intel Xeon CPU (dual core @ 3.00 Ghz)</li><li>▪ (2) Gb network adaptors</li><li>▪ Dual HBA's per server</li><li>▪ Fresh install of Windows 2008 R2 64b (fully patched)</li><li>▪ Configured as a Failover Cluster (VHADURCLU3)</li><li>▪ HP EVA 6400 storage array (30TB Capacity)</li><li>▪ 100 GB Quorum/Witness Volume</li><li>▪ 1 TB Hyper-V CSV Volume</li><li>▪ FC attached via redundant switches</li></ul></li></ul></li></ul></li></ul>	Field Test Entry Approval	5/13/2014	<p>Eric Watson Solutions Architect for Vista Imaging HP Enterprise Services, U. S. Public Sector Consulting Hewlett-Packard Company</p> <p>+1 410-971-6246 / Mobile +1 404-774-0443 / Office <a href="mailto:eric.c.watson@hp.com">eric.c.watson@hp.com</a> / Email</p>	9/10/2014	Larry Cals