

REQUESTING SERVICE: CARDIOLOGY  
SHIP TO: VAMC PORTLAND  
V. A. Medical Center  
GENERAL WAREHOUSE  
3710 SW VETS. HOSP. RD.  
PORTLAND, OR 97239

REQUISITION: 648- B61027

Customer:

US Veterans Administration Med Ctr  
3710 SW US Veterans Hospital Rd  
PORTLAND OR 97239-2964  
UNITED STATES

Item	Article - type number/ description	Quantity	Unit
0010	DynaSuite Neuro 3 Access Anywhere Softwa	1.00	PCE
	Special Discount		
	Net Value w/out Exp Ship Chg		
	DynaSuite Neuro 3 Access Anywhere Software		
	DynaSuite Neuro 3 Access Anywhere is a single-concurrent user, client-server, software application. Any computer that meets the minimum software and hardware requirements can be used as a client. The Access Anywhere application allows unlimited clients to be installed but use is restricted to a single user at a time. Additional concurrent users can be purchased with the "DynaSuite Neuro 3 Additional Concurrent Users" option.		
	Clients throughout the enterprise have access to DynaSuite Neuro's advanced feature set including;		

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	<ul style="list-style-type: none"> <li>- Multi-vendor compatibility</li> <li>- Fully automated processing for streamlined workflow</li> <li>- fMRI analysis with time course graphs, motion analysis and color-coded results in 2D and 3D</li> <li>- Diffusion and diffusion tensor imaging with ADC and FA values, DTI color mapping and fiber tracking</li> <li>- Perfusion analysis with rCBV, rCBF, MTT, TTP calculations and color maps as well as leakage correction and dynamic susceptibility graphs</li> <li>- Smart Fusion display for integrated review of all advanced neuro datasets</li> <li>- 3D rendering with multiple overlays, variable opacity, cut planes and rotation for improved visualization and surgical planning</li> <li>- User customizable hangings for simplicity of use</li> <li>- Quality Control hangings for data inspection and study quality</li> <li>- Results image generation and integrated reporting tool for DICOM export to PACS</li> <li>- Results image generation and export to all major neuro surgical planning systems (Medtronic, BrainLAB and Stryker)</li> </ul> <p>DynaSuite Neuro server software requires one (1) virtual, rack-mount or tower computer hardware sold separately. Any customer supplied server (rack-mount or tower) must meet or exceed the following computer configuration:</p> <ul style="list-style-type: none"> <li>- OS: Microsoft Windows 2008 Server R2 or Windows 7, 64 bit</li> <li>- Processor: Quad Core CPU</li> <li>- RAM: 4 GB (8GB recommended)</li> <li>- Hard Drive: 250GB System, 500GB Data (SSD recommended)</li> <li>- DVD: DVD RW drive</li> <li>- Network: 100 Mbps and latency &lt;= 1 msec (1000 Mbps recommended)</li> <li>- Graphics Card: PCIe x16 OpenGL compatible (1GB recommended)</li> <li>- Display: Color 24" widescreen or larger with 1680 x 1050 minimum resolution</li> </ul> <p>NOTE: For processing servers (no GUI used), no dedicated graphics card or display is required.</p>		

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	<p>Any customer supplied DynaSuite Neuro clients must meet or exceed the following computer configuration:</p> <ul style="list-style-type: none"> <li>- OS: Windows XP SP3 32-bit (Windows 7 64-bit recommended)</li> <li>- Processor: Quad Core CPU</li> <li>- RAM: 4GB (8GB recommended)</li> <li>- Free Hard Drive Space: 250GB (SSD recommended)</li> <li>- DVD: DVD RW drive</li> <li>- Network: 100 Mbps and latency &lt;= 1 msec (1000 Mbps recommended)</li> <li>- Graphics Card: PCIe x16 OpenGL compatible (1GB recommended)</li> <li>- Display: Color 24" widescreen or larger with 1680 x 1050 minimum resolution</li> </ul> <p>NOTE: OS Windows XP SP3 32-bit only supports studies with 3DT1 (real or interpolated) matrix sizes below 256 pixels in any direction. Due to memory constraints, complex workflows, like high numbers of DTI Tractography ROIs, may not be supported. This is generally not an issue for routine clinical applications.</p> <p>NOTE: Technical specifications, specific hardware configurations and software versions are subject to change without notice.</p> <p>Installation, Training, Warranty &amp; Service:</p> <ul style="list-style-type: none"> <li>- On-site installation and connection to DynaSuite client workstations (purchased from Invivo) and PACS systems</li> <li>- Two consecutive days on-site DynaSuite system training</li> <li>- Additional on-site training is available for purchase</li> <li>- One (1) year limited warranty and on-site service for computer hardware and associated peripherals</li> <li>- DynaSuite V3.X general software updates for one (1) year from date of installation</li> <li>- One (1) year remote system diagnostic and training support**</li> </ul> <p>** Requires access to high-speed Internet connection/Remote Access for service (not included)</p>		

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	<p>Clinical Solutions Applications Training - Cancellation Policy and Charges</p> <p>Invivo considers DynaSuite Neuro Applications Training an important service that it provides to its customers. It is important for a customer to understand that such training has certain costs and expenses. Therefore, in the event a customer schedules this training and then cancels its participation in this training, the customer agrees to pay the following cancellation charges:</p> <p>* If the customer cancels training more than 15 days prior to the Applications Training Date there is no cancellation charge;</p> <p>* If the customer cancels training within 15 days but not less than 8 days prior to the Applications Training Date, there is a flat cancellation charge of</p> <p>* If the customer cancels training within 7 calendar days prior to the Applications Training Date, there is a flat cancellation charge of</p> <p>Invivo and customer agree that the above charges are commercially reasonable cancellation charges and are due immediately upon the customer's receipt of Invivo's invoice for cancellation charges.</p>		
0020	<p>DSN3 Client Hdw w30"Dsply</p> <p>Special Discount</p> <p>Net Value w/out Exp Ship Chg</p> <p>DynaSuite Neuro 3 Client Workstation Hardware</p> <p>Part Number -</p> <p>The DynaSuite Neuro Workstation Hardware is designed to provide optimal performance for the DynaSuite Neuro 3.1 Access Anywhere client</p>	1.00	PCE

Item	Article - type number/ description	Quantity	Unit
	<p>application.</p> <p>Workstation Computer</p> <ul style="list-style-type: none"> <li>- (1) Dell Precision T3600</li> <li>- (1) Four Core Xeon Processor E5-1603, 2.8 GHz, 10MB Cache</li> <li>- (2) 4GB DDR3 ECC 1600 MHz Memory (8GB Total)</li> <li>- (1) nVIDIA Quadro 600 1 GB, 1DP + 1DVI Graphics card</li> <li>- (1) 250GB SATA 10K RPM Hard Drive</li> <li>- (1) DVD +/- RW drive</li> <li>- (1) Gigabit Ethernet network adapter</li> <li>- (1) Dell USB Keyboard and Optical Mouse</li> <li>- Windows 7 64-bit Ultimate Operating System</li> </ul> <p>Display</p> <ul style="list-style-type: none"> <li>- 30" Landscape monitor</li> <li>- 1980 x 1080 minimum resolution</li> </ul> <p>Technical specifications, specific hardware configurations and software versions are subject to change without notice.</p> <p>Installation, Warranty, Service and Support:</p> <p>On-site installation and connection to customer's MR, PACS and CAS systems*</p> <p>-One (1) year warranty on parts and labor</p> <p>Note:</p> <p>*Requires cabling to customer's computer network and 2 available 115VAC 60Hz outlet power (not included)</p>		
0030	DSN3 Rackmount Server	1.00	PCE
	Special Discount		
	Net Value w/out Exp Ship Chg		
	DynaSuite Neuro 3 Rack Mounted Server Hardware		

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	<p>Server Hardware</p> <p>HP Proliant DL380p G8 Rack Mount Server (2U form factor)</p> <p>(1) 6-Core Intel Xeon Processor E5-2640, 2.5GHz, 15MB Cache</p> <p>(2) 4GB DDR3 1333MHz, PC3-10600R Memory (8GB total)</p> <p>(2) 146GB SAS 15,000 RPM Hard Drives (RAID 1+0, total cap.</p> <p>Applications</p> <p>(6) 146GB SAS 15,000 RPM Hard Drives (RAID 5, total cap.</p> <p>Data Storage</p> <p>(2) BCM5709C Multifunction dual-port Gigabit Network Adapters (4 total)</p> <p>(1) Integrated ATI ES 1000, 32MB Video</p> <p>(1) DVD-RW Optical Disk Drive</p> <p>(2) Redundant 460W Power Supplies / cooling fans</p> <p>Microsoft Windows Server 2008 R2 SP1 Standard Edition</p> <p>Technical specifications, specific hardware configurations and software versions are subject to change without notice.</p> <p>Installation, Warranty, Service and Support:</p> <ul style="list-style-type: none"> <li>- On-site installation and connection to customer's MR, PACS and CAS systems*</li> <li>- DynaSuite Neuro Remote Software Updates** for one (1) year from date of installation</li> <li>- One (1) year Remote system diagnostic and training support**</li> <li>- One (1) year warranty on parts and labor</li> </ul> <p>Note</p> <p>*Requires cabling to customer's computer network and available 115VAC 60Hz outlet power (not included)</p> <p>** Requires access to high-speed Internet connection/Remote Access for service (not included)</p> <p>Customer supplied clients must meet or exceed the following computer configuration:</p> <ul style="list-style-type: none"> <li>- Processor: Multi Core 2.5 GHz or greater</li> <li>- Operating System: Microsoft Windows XP with Service Pack 3 for</li> </ul>		

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	<p>studies with 3DT1 data (real or interpolated) below 256 x256 x 1.2mm.</p> <p>Windows 7, 64 bit for studies with 3DT1 data with higher resolution (real or interpolated) above 256 x256 x 1.2mm</p> <ul style="list-style-type: none"> <li>- RAM: 4 GB or more</li> <li>- Free Hard Drive Space: 100 GB</li> <li>- DVD: DVD RW drive</li> <li>- Graphics Card: NVidia Quadro 600 or greater with 1GB</li> <li>- Network Card: 100/1000 Mbps network card</li> <li>- Color Monitor: 24" widescreen or larger with 1680 x 1050 or 1600 x 1200 minimum resolution</li> </ul> <p>Technical specifications, specific hardware configurations and software versions are subject to change without notice.</p> <p>* If the customer cancels training within 15 days but not less than 8 days prior to the Applications Training Date, there is a flat cancellation charge of</p> <p>* If the customer cancels training within 7 calendar days prior to the Applications Training Date, there is a flat cancellation charge of</p>		

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	<p>presentation for the patient during an fMRI exam. Portable display may be positioned at either end of the magnet bore and virtually anywhere in the MR room. System includes 32 inch HD Patient Display and Cart, SensaVue Operator Console, Dell T3600 CPU and Samsung Flatscreen Monitor, Keyboard and Mouse, Stereo headphones, Patient Microphone, Button Response Unit and Operator's Manual. It includes installation, applications, and a 1 year warranty.</p> <p>Also included:</p> <ul style="list-style-type: none"> <li>· (1) SensaVue Software including 10 pre-programmed clinically proven fMRI experiments</li> </ul> <p>This system also includes SensaVue HD, a complete MRI Compatible In-Room Entertainment System provides high definition in-magnet room audio and visual presentation for the enjoyment of the patient during an MR exam. SensaVue HD includes 2 auxiliary audio/visual inputs for expanded capabilities (3.5mm stereo/Digital DVI-D non-HDCP).</p> <p>INSTALLATION AND TRAINING:</p> <ul style="list-style-type: none"> <li>· (1) Day of installation; (1) Day of on-site applications training.</li> </ul> <p>* Delivery - 90 Days ARO</p> <p>Clinical Solutions Applications Training - Cancellation Policy and Charges</p> <p>Invivo considers SensaVue Applications Training an important service that it provides to its customers. It is important for a Customer to understand that such training has certain costs and expenses. Therefore, in the event a Customer schedules this training and then cancels its participation in this training the Customer must pay a cancellation charges to cover Invivo's costs and expenses. Customer agrees to pay the following cancellation charges:</p> <ul style="list-style-type: none"> <li>* If the Customer cancels training more than 15 days prior to the Applications Training Date there is no cancellation charge;</li> </ul>		



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	<p>* If the Customer cancels training within 15 days but not less than 8 days prior to the Applications Training Date there is a flat cancellation charge of</p> <p>* If the Customer cancels training within 7 calendar days prior to the Applications Training Date there is a flat cancellation charge of</p> <p>Invivo and Customer agree that the above charges are commercially reasonable cancellation charges and are due immediately upon the Customer's receipt of Invivo's invoice for cancellation charges.</p> <p>Invivo and Customer agree that the only exception to the payment of such cancellation charges is the Customer's written agreement to waive the scheduled training, reschedule training in the future and Customer's agreement that Invivo may issue its product invoice and Customer agrees to accept, such invoice immediately upon Customer's written agreement.</p>		
0050	License, Paradigm Studio	1.00	PCE
	Special Discount		
	Net Value w/out Exp Ship Chg		
	Paradigm Studio Software		
	<p>Paradigm Studio software enables users to add and edit paradigms within the SensaVue fMRI system.</p> <p>A SensaVue option includes (1) Paradigm Studio license and (8) hours of virtual training. Periodic training sessions will be offered by Invivo and multiple users from customer's site may participate.</p> <p>Invivo will supply training on the tools and support of Paradigm Studio, services include teaching required skill sets to allow the end user the ability to convert and save existing paradigms in .bpdL Paradigm Studio format.</p>		

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	<p>A Paradigm Studio license is a per-seat license. The license entitles you to use the software on the machine for which the license has been purchased. Any number of users may use the software from the same machine at different times.</p> <p>Package includes:</p> <p>Windows installation file (.msi) to install Paradigm Studio on your PC</p> <p>License file that will allow you to run Paradigm Studio on your system</p> <p>Platform Specification</p> <p>Standard off-the-shelf PC (Intel-based or AMD-based) running Windows 7 that is equipped with at least:</p> <p>1.8 GHz Pentium 4 or equivalent AMD processor</p> <p>1024 Mbytes RAM</p> <p>DirectX 9c capable video card with 128 Mbytes or greater video memory</p> <p>Stereo sound card</p> <p>SensaVue fMRI by Invivo is a Medical Device. Paradigm Studio 3.0 or other user software may not installed on its operating system.</p> <p>Invivo takes no responsibility for the clinical efficacy of any additional or altered paradigms created by the end user.</p>		
0060	<p>NQ UNLIMITED ANNUAL ALL 5 MRI</p> <p>Special Discount</p> <p>Net Value w/out Exp Ship Chg</p> <p>NeuroQuant License - Annual unlimited studies on all NeuroQuant Report on up to 5 scanners.</p> <p>NeuroQuant® is automated quantitative image analysis software that can make quantitative MRI measurement a routine part of clinical practice by providing that provides accurate and consistent volumetric information</p>	1.00	PCE

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	<p>of subcortical brain structures. The resulting reports provide absolute and relative brain structure volume information. The brain segments are color coded and also available in a coronal loop video. Longitudinal studies allow for the assessment of regional atrophy in the same patient at multiple scan intervals.</p> <p>NeuroQuant provides volumetric quantification of key neuro structures including the Hippocampus, Amygdala, Ventricles and more for ages 3 to 100. Purchase includes a time and volume limited NeuroQuant software license, installation, applications and a 1-year warranty. A computer with specification below for NeuroQuant image processing and a DICOM viewing environment, such as DynaSuite Neuro or a PACS system, must be supplied by the customer.</p> <p>NeuroQuant license for 1 year and may only receive input from up to 5 MRI scanners.</p> <p>Includes:</p> <p>NeuroQuant Software</p> <ul style="list-style-type: none"> <li>- NeuroQuant release 2.0 or later with a software License good for 1 year from the date of installation with an unlimited number of studies-Automatic processing of high res 3D dataset</li> <li>- Automatic volumetric quantification of key neuro structures</li> </ul> <p>ALL NeuroQuant Reports with normative database and graphical results</p> <ul style="list-style-type: none"> <li>- Age Related Atrophy: Hippocampal and ventricle volume measurements compared to age and gender norms</li> <li>- Hippocampal Volume Asymmetry: Hippocampal volume measurements and left/right asymmetry compared to age and gender norms</li> <li>- Multi Structure Atrophy: Total brain volume, white and gray matter, thalamus and more volume measurements compared to age and gender norms</li> <li>- Triage Brain Atrophy: Left and right values for 39 lobe and brain structure volume measurements compared to age and gender norms and by Z-score</li> <li>- Brain Development: Forebrain parenchyma and lateral ventricle volume measurements compared to age and gender norms</li> <li>- Included with each report: General Morphometry Report with hemispheric volumes and asymmetry index</li> </ul> <p>Technical specifications, specific hardware configurations, and software</p>		

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	versions are subject to change without notice.		
	Minimum Hardware and Software Requirements (Must be customer supplied)		
	<ul style="list-style-type: none"> <li>- Intel Core2 based Mac</li> <li>- Mac OS system versions 10.9 through 10.11</li> <li>- 2.0 GHz or better CPU</li> <li>- 2 GB RAM per CPU core</li> <li>- 500 GB or larger internal disk (larger is better)</li> <li>- Remote connectivity for software download and remote service</li> </ul>		
	<ul style="list-style-type: none"> <li>- Intel Core2 based windows</li> <li>- Windows server systems 2008 R2, 2012 R2, 8.1 Pro, 7 SP1 Professional, 10 Professional</li> </ul>		
	<ul style="list-style-type: none"> <li>- 2.0 GHz or better CPU</li> <li>- 2 GB RAM per CPU core</li> <li>- 500 GB or larger internal disk (larger is better)</li> <li>- Remote connectivity for software download and remote service</li> </ul>		
	<ul style="list-style-type: none"> <li>- Intel Core2 based Linux</li> <li>- Linux Ubuntu 14.04.1 LTS</li> <li>- 2.0 GHz or better CPU</li> <li>- 2 GB RAM per CPU core</li> <li>- 500 GB or larger internal disk (larger is better)</li> <li>- Remote connectivity for software download and remote service</li> </ul>		
	Installation, Warranty, Service and Support:		
	<ul style="list-style-type: none"> <li>- On-site installation if purchased and installed concurrently with DynaSuite Neuro</li> <li>- Remote Installation if DynaSuite Neuro is already on site or if purchased independently from DynaSuite Neuro</li> </ul>		
	<ul style="list-style-type: none"> <li>- Connection to customer's MRI and DICOM viewer must be via high speed network</li> <li>- 1 Hour Remote Applications Training unless concurrent with DynaSuite Neuro installation and training (on-site) **</li> <li>- One (1) year warranty on NeuroQuant software only</li> <li>- NeuroQuant Software Updates** for one (1) year from date of</li> </ul>		

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installation

- One (1) year Remote system diagnostic and training support (7am - 7pm CST)\*\*

Note

- \*\* Requires access to high-speed Internet connection (not Included)