

Qty	Description
1	<p data-bbox="389 409 1502 451">Discovery CT750 HD System with Cardiac</p> <p data-bbox="389 462 1502 1113">The Discovery CT750 HD is the world's first head and whole body high definition Spectral CT system. It offers enhanced visual clarity and potential dose reduction when scanning all parts of the body and at all ages. The new FREEdom Edition is the foundation for the advanced Cardiovascular features of Snap Shot Freeze(1), Snap Shot Assist and Cardiac Spectral CT*. Snap Shot Freeze offers intelligent motion correction to enhance temporal resolution for coronary artery imaging. Snap Shot Assist provides assistance for the technologist for optimal cardiac protocol selection (Optional). Major sub-systems of the scanner have been re-engineered to improve imaging performance and reduce the radiation dose required for diagnostic studies. Powered by the Gemstone Detector, the Discovery CT750 HD offers the highest available cardiac spatial resolution in the industry at 18.2lp/cm* and features Gemstone Spectral Imaging, the 1st quantitative dual energy on the market. The Discovery CT750 HD output is a valuable medical tool for the diagnosis of disease, trauma, or abnormality and for planning, guiding and monitoring therapy. This configuration includes all cardiac acquisition capability including SnapShot Pulse for up to 83% dose reduction, Volume Shuttle for axial perfusion coverage up to 80 mm for stroke assessment. (1)Snap Shot Freeze requires CardIQ Xpress 2.0 Reveal on the AW or AW Server, (2) Based upon internal test data comparing Discovery CT750 HD cardiac half-scan spatial resolution to data from Advanced CT Scanners for Coronary Angiography, ImPACT Report CEP10043, March, 2010 available at <a href="http://www.impactscan.org">http://www.impactscan.org</a></p> <p data-bbox="389 1134 1502 1165">See More</p> <p data-bbox="389 1186 1502 1249">The Discovery CT750 HD delivers unparalleled image quality enabling the visualization of greater anatomical detail, for assessment and diagnosis.</p> <ul data-bbox="389 1260 1502 1606" style="list-style-type: none"><li data-bbox="389 1260 1502 1291">• up to 33% improvement in spatial resolution for body modes</li><li data-bbox="389 1302 1502 1375">• demonstrates best-in-class spatial resolution of 0.23mm (calculated using 0% MTF) over the full 2 meter scan range</li><li data-bbox="389 1386 1502 1417">• up to 47% improvement in spatial resolution for cardiac scan modes</li><li data-bbox="389 1428 1502 1522">• offers the highest available cardiac spatial resolution in the industry at 18.2lp/cm in z and 14.8lp/cm in x-y(2), (measured at 2% MTF) Accurate quantification of stenosis in coronary and vascular vessels.</li><li data-bbox="389 1533 1502 1606">• up to 40% improvement in low contrast detectability for greater soft tissue visualization, allowing improved visualization of smaller low contrast structures down to 2mm in size.</li></ul> <p data-bbox="389 1627 1502 1659">Know More</p> <p data-bbox="389 1680 1502 1743">VolumeShuttle (axial coverage) The VolumeShuttle axial imaging allows covering neuro volumes of 80 mm for neuro CT Angiography and Perfusion exams.</p> <p data-bbox="389 1764 1502 1797">This configuration does NOT include Gemstone Spectral Imaging or Volume Helical Shuttle.</p>

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	<p data-bbox="412 375 524 403">Less Dose</p> <p data-bbox="412 428 1487 785">The Discovery CT750 HD innovations continue with advances in reconstruction technology resulting in dramatic dose reduction opportunities in the entire body compared to predecessor CT systems. Adaptive Statistical Iterative Recon (ASiR);provides users with a new and innovative image reconstruction technology to reduce unwanted noise in diagnostic images. ASiR accurately models the noise in the raw data space and thereby removes the noise, allowing users to main image quality (pixel standard deviation) (4). (4) In clinical practice, the use of ASiR may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.</p> <p data-bbox="412 812 1479 1241">Low kV Scanning: The Discovery CT750 HD provides the ability to scan with energies as low as 80 kV. The physics of the k-edge absorption properties of Iodine at the lower energy inherently increases the image contrast. This is important for vascular studies. The Performix HD tube can deliver as much as 700mA at 80kVp. Both Veo and ASiR may be able to reduce image pixel standard deviation (noise) reduction and improve LCD(3). This is important for exams where good CNR (boost in contrast from lower kV, with potentially reduced noise from ASiR and Veo) is desired, such as liver studies (3 - In clinical practice, the use of ASiR and Veo may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practice. A Consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. ASiR and Veo may reduce image pixel standard deviation reduction and LCD improvement may vary. Consult with a radiologist and a physicist).</p> <p data-bbox="412 1266 776 1293">Discovery CT750 HD Technology</p> <p data-bbox="412 1318 1455 1379">The revolutionary clinical advances of the Discovery CT750 HD are achieved via technological leaps forward in the entire image chain including reconstruction hardware and algorithms.</p> <p data-bbox="412 1404 1474 1650">The key technological advancement is GE's proprietary Gemstone (TM) Detector enabling the improvements in spatial resolution, low contrast detectability, and spectral(multiple energy) imaging. The Gemstone detector is a garnet based CT scintillator was chosen for its highly efficient optical properties. Gemstone detector sets a new standard in CT scintillator performance supporting the next generation of CT imaging applications such as spectral imaging. This is the first new CT scintillator to be developed in the past 20 years and is designed to support high definition imaging.</p> <ul data-bbox="435 1661 1487 1808" style="list-style-type: none"> <li data-bbox="435 1661 727 1688">• 98% efficient at 120kV</li> <li data-bbox="435 1703 1487 1764">• Fastest primary speed in the industry, 100 times faster than available competitive scintillators</li> <li data-bbox="435 1778 1065 1808">• Support higher resolution with lower noise per image</li> </ul>

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	<ul style="list-style-type: none"> <li>• Isotropic gemstone garnet cubic structure</li> </ul> <p>System components: This whole body CT system includes a compact geometry premium gantry, table, Power Distribution Unit, high performance Xstream HD console with 2 high definition LCD's, customized keyboard, and graphical user interface design for efficient workflow with one technologist.</p> <p>Gantry: GE's compact gantry design and advanced 10G baud slip ring design continuously rotates the Performix HD tube, HD generator, Gemstone detector and Volara HD digital data acquisition around the patient. Exclusive VariSpeed allows short breath holds, more comfortable exams and the flexibility to customize protocols for unique patient needs.</p> <ul style="list-style-type: none"> <li>• Aperture: 70 cm</li> <li>• Rotational speeds: VariSpeed technology 360 degrees in 0.35, 0.375, 0.4, 0.475, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0 Seconds</li> <li>• Integrated breathing lights &amp; GE exclusive countdown timer</li> <li>• Integrated start scan button with countdown timer to indicate when x-ray will turn on</li> <li>• Tilt: +/- 30 degrees, speed: 1 degree/second</li> <li>• Remote tilt from operator's console</li> </ul> <p>Gemstone (TM) Detector: The GE proprietary Gemstone detector enables high definition CT. Ultimately the performance of every CT system begins with the detector, and Gemstone sets a new standard in scintillator primary speed, afterglow and performance supporting the next generation of high definition CT imaging applications such as single source spectral imaging. The proprietary Gemstone scintillator is the first new detector material developed in the past 20 years. The V-Res detector benefits are:</p> <ul style="list-style-type: none"> <li>• 98% efficient at 120kvp</li> <li>• Fastest primary speed in the industry</li> <li>• Best after glow performance in the industry</li> <li>• Higher resolution with lower noise per image</li> <li>• 20 times less radiation damage of the scintillator when compared to competitive detector materials (Gadolinium Oxysulfide)</li> <li>• Isotropic ceramic with a cubic structure</li> <li>• Consistent Image Quality from the use of GE's exclusive patented detector material</li> <li>• Backlit diode technology provides 100% active area</li> </ul> <p>Performix HD X-ray Tube: Performix HD metal-ceramic tube unit with it's unique electrostatic cathode collimator design allows the focal spot to be dynamically positioned and customized to the clinical protocol and patient. The anode heat storage capability and wide range of technique (10 ma to 835 ma, in 5 ma increments) give the technologist and physician the flexibility to tailor protocols for even the most demanding acute care and cardiac exams without tube cooling.</p>

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	<ul style="list-style-type: none"> <li>• Heat storage capacity: 8.0 MHU</li> <li>• Maximum power: 100 kW (835mA)</li> <li>• Small focal spot power: 570mA at 120kv, standard resolution</li> <li>• Small focal spot power: 420mA at 120kv, high resolution</li> <li>• Beam collimated to 56-degree fan angle</li> <li>• Heat dissipation: -Anode (Max)&gt;2,100 KHU/min -Casing (cont) 648 KHU/min</li> </ul> <p>HD High Voltage Generator: The HD Generator is capable of switching energy at very high speed to support Gemstone Spectral Imaging (optional). High Frequency on-board generator allows for continuous high power demands required for acute care, cardiac and bariatric exams.</p> <ul style="list-style-type: none"> <li>• 100 kW Output Power</li> <li>• kVp: 80, 100, 120,140</li> <li>• Energy Switching Speed: up to 0.5 msec</li> <li>• mA: 10 to 835, in 5 mA increments Maximum mA for each kVp selection: <ul style="list-style-type: none"> <li>- kVp Max mA</li> <li>- 80 700</li> <li>- 100 800</li> <li>- 120 835</li> <li>- 140 715</li> </ul> </li> </ul> <p>Volara HD Digital DAS (Data Acquisition System): The Volara HD digital DAS is high-speed data acquisition system that dramatically improves image quality, especially spatial resolution, low dose exams, and artifact reduction.</p> <ul style="list-style-type: none"> <li>• up to 2,496 views per rotation for improvement in spatial resolution and improved image quality across the entire 50cm field of view</li> <li>• 7,131Hz maximum sample rate</li> <li>• 58,368 available input channels</li> <li>• 23 bit dynamic range, 8,000,000 to 1</li> </ul> <p>Integrated Laser Alignment Lights:</p> <ul style="list-style-type: none"> <li>• Defined internal and external scan planes to +/- 1 mm accuracy</li> <li>• Coronal light remains perpendicular to axial light as gantry tilts making visual readout easy from tableside or the operator console</li> </ul> <p>Patient Table:</p> <ul style="list-style-type: none"> <li>• Cantilever design for easy patient access, and stability</li> <li>• Vertical range: 43 cm to 99.1 cm, scannable: 78.5 cm to 99.1 cm</li> <li>• Horizontal range: 1700mm, (2000mm option)</li> <li>• Horizontal speed: up to 137.5 mm/sec</li> </ul>

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	<ul style="list-style-type: none"> <li>• Table automatically re-centers on scan plane with changes in vertical position</li> <li>• Helical pitches: 0.5:1, 0.9:1, 1.375:1, and cardiac pitches 0.16:1 to 0.24:1 for 0.35 sec cardiac scanning</li> <li>• Table capacity: 227kg(500lb) +/- 0.25mm positional accuracy</li> </ul> <p>Low Dose Cardiac Capabilities: The low dose cardiac capabilities allow the user to acquire cardiac images with the highest cardiac spatial resolution of 18.2lp/cm(2), with retrospective or prospective gated acquisitions utilizing 0.35 second rotation speed for excellent cardiac exams. The following features include:</p> <ul style="list-style-type: none"> <li>• SnapShot(TM)Pulse is a cardiac scanning technique that reduces patient dose up to 83%(5) and improves cardiac workflow,with uncompromised image quality. SnapShot Pulse uses prospectively triggered axial acquisitions synchronized by the patient heart rate, in which x-ray are turned on only during the required heart phase and turned off completely at all other times. Three to four snapshots are needed to complete a cardiac exam. Up to 300ms of padding is available with SnapShot Pulse imaging.</li> <li>• SnapShot imaging is designed to produce optimized cardiac images with minimum cardiac motion effects. Three different imaging acquisition techniques are available for the user with temporal resolution(TR) as low as 43ms. SnapShot Segment is a single sector mode with TR of 175ms, SnapShot Burst is a dual sector mode with TR of 87ms and SnapShot Burst Plus uses up to 4 sectors with TR as low as 43ms. For acute care, a triple rule out exam can be acquired with ECG-gating of the chest in a single breath hold in order to assist in the diagnosis of coronary artery disease, aortic dissection and pulmonary embolism.</li> <li>• Cardiac Trigger Monitor to synchronize R-Wave output with the CT system. Features include: ECG and Heart Rate Display, P-Lock Algorithm, Trigger Mark, Chart Recorder ECG Data Storage, ECG Notch Filter, System Interlock, and internal Universal Power Supply Designed exclusively to work with GE CT Scanners.</li> <li>• The ECG Editor allows the user to retrospectively modify trigger points identifying R-peaks on ECG trace as displayed on the console. The capability may improve successful cardiac acquisition rate by enabling users to perform the modification in the cases where there is irregular heartbeat or suboptimal triggers.</li> <li>• Cardiac enhancement filters may reduce noise (pixel standard deviation) while maintaining spatial resolution in a cardiac image with three different levels of image filtration while preserving the edge image detail.</li> <li>• ECG gated dose modulation reduces patient dose by modulating x-ray technique during acquisition based on heart phase.</li> </ul> <p>(5) Dose reduction comparing a SnapShot Pulse prospective gated axial acquisition with 75ms padding to a cardiac helical acquisition (40BPM) both with a 140mm scan coverage. In clinical practice, the use of Snap Shot Pulse may reduce cardiac CT patient dose depending on the</p>

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	<p>clinical task and patient heart rate. A consultation with a radiologist should be made to determine the appropriate acquisition mode and scan settings to obtain diagnostic image quality for the particular clinical task.</p> <p>Xtream(TM) HD Workflow: Xtream HD Workflow Platform built on the LINUX operating system for flexibility and security, the next evolution of GE's workflow and reconstruction architecture built to help you maximize productivity and lower dose with ASiR. The Split tabletop allows unrestricted patient viewing while supporting 2 - 19 inch color LCD monitors. Each work surface can be adjusted to accomodate a wide variety of operator preferences and site requirements.</p> <p>Adaptive Statistical Iterative Recon (ASiR) provides the users with a new and innovative image reconstruction technology to reduce unwanted noise in diagnostic images, allowing users to improve image quality at up to 50% less dose.</p> <p>Xtream HD Reconstruction breaks through existing limits on speed, image quality and flexibility to provide an optimized volumetric workflow solution from acquisition to final report.</p> <ul style="list-style-type: none"> <li>• Delivers up to 35 full fidelity images per second (ips) reconstruction</li> <li>• Up to 16 ips network transfer rates</li> <li>• DMPR (Direct Multiplanar Reformates) enables prospective 3D review of sagittal, coronal and oblique planes automatically</li> <li>• Exam Split delivers the capability to split a series of patient images into separate groups for networking</li> <li>• Data Export and Interchange that allows you to easily share images with referring physicians and patients</li> <li>• Complete set of clinically proven, low dose protocols and the ability to customize your own for a total of 8,460 programmable protocols. Xtream allows you to automate or build every task into protocols to increase throughput.</li> <li>• Image decomposition to: -Retrospective thin images from data sets where thicker images were initially reconstructed -Facilitates more detailed image &amp; analysis -Improves 3D and reformat visualization</li> <li>• Neuro 3D Filters provide users the capability to filter angiographic data using a specially designed and optimized 3D filter. May be prospectively applied with Application Auto-Launch.</li> <li>• VariViewer is an interactive axial review mode that can change the slice thickness reconstruction instantaneously</li> </ul> <p>Xtream HD Operator Console:</p> <ul style="list-style-type: none"> <li>• 803GB of total system storage</li> <li>• 250,000 uncompressed 512 image files storage capacity, and 2880 scan seconds of scan</li> </ul>

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	<p data-bbox="470 367 722 399">data storage capacity</p> <ul data-bbox="430 409 1388 441" style="list-style-type: none"> <li>• 4.7 GB DVD/CD-R for data interchange (not recommended as a long term archive)</li> </ul> <p data-bbox="406 462 1404 535">Scan: Xstream HD workflow allows simultaneous scanning, image reconstruction, display, processing and analysis, as well as networking, archival and filming</p> <ul data-bbox="430 535 1494 924" style="list-style-type: none"> <li>• Anatomical programmer allows quick and easy access to user programmable protocols. These are separate selector for adult and pediatric protocols</li> <li>• Protocols include preset scan time, kVp, mA, scan mode, image thickness and spacing, table speed, scan FOV, display FOV and center, recon algorithm, networking destination, archiving and special processing options like Direct MPR</li> <li>• AutoVoice: 3 preset (English) and 17 user defined messages automatically deliver patient breathing instructions, especially useful for multiple helical scanning</li> <li>• Trauma Patient mode: Allows patient scans and image display/analysis without entering patient data before scanning</li> <li>• Reconstruction Algorithms: Soft Tissue, Standard, Detail, Bone, Bone Plus, Lung and Edge</li> </ul> <p data-bbox="406 934 1494 1081">OptiDose Features: OptiDose management features: bowtie filters optimized for coronary angiography and pediatric exams, 3D dose modulation, Color coding for kids tracking collimator hardware and software for x-ray beam tracking, ECG dose modulation, to name a few of GE's dose optimization features, all based on the ALARA principle.</p> <ul data-bbox="430 1092 1494 1831" style="list-style-type: none"> <li>• 3D Dose modulation. Before the scan, clinicians can select the desired Noise/IQ: CT then tailored automatically exposure parameters, patient to patient and real-time x-y-z during each scan, resulting optimization for the selected noise index.</li> <li>• Tracking collimator hardware and software for x-ray beam tracking to minimize patient dose</li> <li>• Filtration of the x-ray beam is optimized independently for body and head applications</li> <li>• DLP (dose length product) and dose efficiency display and reports during scan prescription provides patient dose information to the operator and can be saved with each exam</li> <li>• DICOM Dose report included with each exam</li> <li>• Dose Check provides the user with tools to help them manage CT dose in clinical practice and is based on the standard XR-25-2010 published by The Association of Electrical and Medical Imaging Equipment Manufacturers (NEMA). Dose Check provides the following: <ul data-bbox="430 1564 1494 1831" style="list-style-type: none"> <li>• Checking against a Notification Value if the estimated dose for the scan is above your site established value</li> <li>• Checking against Alert Value where the user needs specific authority to continue the scan at the current estimated dose without changing the scan parameters if the estimated dose exceeds the Alert Value</li> <li>• The ability to define Alert Values for Adult and Pediatric with age threshold</li> <li>• Audit logging and review capabilities</li> </ul> </li> </ul>

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	<ul style="list-style-type: none"> <li>• Protocol Change Control capabilities</li> </ul> <p>Volumetric Image Space Reconstruction (VISR) are 3D filters that reduce image noise (standard deviation) without compromising spatial resolution to provide clear visualization in neuro and cardiac imaging.</p> <p>Dynamic Z-Axis Tracking provides automatic and continuous correction of the x-ray beam position to block unused x-ray at the beginning and end of a helical scan to reduce unnecessary radiation.</p> <p>Image Networking: Exams can be selected and moved between the Discovery CT750 HD System and any imaging system supporting the DICOM 3.0 protocol for network send, receive and pull/query.</p> <ul style="list-style-type: none"> <li>• Standard Auto-configuring Ethernet</li> <li>• Direct Network Connection</li> <li>• Supports 1GB or 10/100 BaseT</li> <li>• Supported Protocols -DICOM 3.0 Network -Advantage Net -InSite Point-to-Point -TCP/IP (for System Administration)</li> </ul> <p>DICOM Conformance:</p> <ul style="list-style-type: none"> <li>• DICOM 3.0 Storage Service Class</li> <li>• Service Class User (SCU) for image send</li> <li>• Service Class Provider (SCP) for receive</li> <li>• DICOM 3.0 Query/Retrieve Service Class</li> <li>• DICOM 3.0 MOD Media Service Class</li> <li>• DICOM 3.0 Storage Commitment Class Push</li> <li>• DICOM 3.0 Modality Worklist (incl:Performed Procedure Step through ConnectPro option)</li> <li>• DICOM 3.0 Print</li> </ul> <p>InSite Broadband included: All hardware and software required to connect this CT system to GE's InSite On-Line Center via secure VPN high-speed internet connection. Enables customer to access services designed to: reduce downtime, improve quality, enhance performance, increase productivity, and expand imaging capabilities, and increased privacy and security of data transmissions.</p> <p>128i provides 128, 0.625mm images, per axial rotation allowing increased image-space sampling and enables improved visibility of small objects.</p> <p>Enter the world of HD CT with the world's first High Definition CT scanner, the GE Discovery CT750 HD.</p> <p>Warranty: The published Company warranty in effect on the date of shipment shall apply. The Company reserves the right to make changes. All specifications are subject to change.</p>

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	<p>Regulatory Compliance: This product is designed to comply with applicable standards under the Radiation Control for Health and Safety Act of 1968.</p> <p>Laser alignment devices contained within this product are appropriately labeled according to the requirements of the Center for Devices and Radiological Health.</p> <p>This product complies with the performance standards of 21 CFR, sub-chapter J, and the applicable IEC 60601-1 series.</p> <p>This product is a CT-compliant device, which satisfies regulations regarding Electro-Magnetic Compatibility (EMC) and Electro-Magnetic Interference (EMI), pursuant to IEC-60601-1-2.</p> <p>Siting Considerations: See the Pre-Installation manual for details of the siting requirements for GE Discovery CT750 HD.</p>
1	<p>English keyboard and Label Kit</p> <p>English Keyboard (Black) for CT systems and system labels</p>
1	<p>Discovery CT750 Standard Cable set</p> <p>Standard length cable set for CT750 HD</p>
1	<p>VT2000x table for Discovery CT750 HD</p> <p>The VT 2000x High Capacity Table enables volume scanning with increased weight capacity. Key features of the VT2000x table include: 675 lb. (306kg) weight capacity, 2000mm scannable range, 137.5mm/sec travel time, real-time position control to support advanced application such as SnapShot Pulse, VolumeShuttle, and Volume Helical Shuttle.</p> <p>The VT2000x is an option only available with Discovery CT750 HD.</p>
1	<p>AW VolumeShare 5 with Two Flat Panel Monitors and 6GB of RAM</p> <p>AW VolumeShare 5 with Two Flat Panel Monitors and 6GB of RAM.</p> <p>AW VolumeShare 5 is a multi-modality image review, comparison and post processing workstation built with simplicity and power at its core. Powerful software is optimized to take advantage of state of the art 64 bit technology and multiple cores to ensure leading edge performance.</p> <p>AW VolumeShare 5 features include:</p> <p>Hardware:</p> <ul style="list-style-type: none"> <li>• HP Z800 Workstation with Intel x5650 Six Core Xeon 2.66 GHz CPU with 8MB Shared L2 Cache / 1333 MHz Dual FSB</li> <li>• 6GB DDR-3 1333 ECC DIMM</li> </ul>

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	<ul style="list-style-type: none"> <li>• 300GB SAS 15,000rpm Hard Disk for OS and Apps.</li> <li>• 600GB SAS 15,000rpm Hard Disks for Image Data</li> <li>• 2 x 19" EIZO MX191 Monitors</li> </ul> <p>Software:</p> <ul style="list-style-type: none"> <li>• Fast access to information you need through optional RIS integration &amp; priors post-fetch</li> <li>• Efficient workflow through dynamic load, end review and Key Image Notes features</li> <li>• Optional productivity package to pre-process exams and allow up to 8 simultaneous sessions</li> <li>• Applications usage monitor to track usage of your system</li> <li>• Smart layouts with Volume Viewer General review protocol that optimizes comparison and single exam layouts</li> <li>• Enhanced multi-modality contouring tool with support for PET SUV's</li> <li>• Support for external DICOM USB media and preference management tool to exchange preferences across users</li> <li>• Support for optional, broad suite of multi-modality advanced applications</li> </ul>
1	<p>VS5 S/W ONLY UPGR.F/XW840</p> <p>VolumeShare 5 Software Only Upgrade</p>
1	<p>Productivity Package with 24GB of RAM</p> <p>AW VolumeShare5 Productivity Package with 24GB of Additional RAM.</p> <p>Requires HP Z800 Hardware</p> <p>AW VolumeShare5 with Productivity Package Represents:</p> <ul style="list-style-type: none"> <li>• More Capacity to Load Multiple Large Dataset with at least 24GB of RAM.</li> <li>• Instantaneous Display of Exams with AutoLaunch.</li> <li>• Instantaneous Access to the Segmented Vessel Volume with Preprocessing.</li> </ul> <p>Productivity Package makes full use of the 64 bit Technology as well as the Dual Screen z800 Hardware of the AW workstation. It Runs 12 to 24 GB of RAM giving the Ability to Load simultaneously up to 15,300 Images.</p> <p>AutoLaunch Loads Automatically Multiple Cases as soon as they are Transferred to the AW. A Single Click in the AutoLaunch Window Raises Instantly in the Case in Volume Viewer. Interaction with the Data is Immediately Possible as they are Preloaded and Ready to Use. AutoLaunch is compatible with CT, MR and PET Single Volume Protocols of Volume Viewer.</p> <p>One-Touch Links provide the Ability to Automatically Launch the best Protocol for each Exam based upon DICOM Image Acquisition Elements. An Intuitive User Interface in the Protocol</p>

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1	<p data-bbox="412 365 1386 392">Launcher provided an Easy Configuration of One Touch Links by Clicking the Hand Icon.</p> <p data-bbox="412 417 1474 590">When combined with Optional AutoBone Xpress, the Productivity Package will also Provide the Automatic Preprocessing of the Bone Removal. Raising CTA Exams Located in the AutoLaunch Window will give Instantaneous Access to the Vessel Volume Resulting from the 0-Click Bone Removal. There is No More Waiting Time between the Exam Selection and the Ability to interact in 3D with the Segmented Vascular Volume.</p> <p data-bbox="412 625 691 653"><b>CardIQ Xpress 2.0 Reveal</b></p> <p data-bbox="412 678 1330 741">CardIQ Xpress Reveal is an integrated post processing image analysis software for Cardiovascular CT on GE's Advantage Workstation.</p> <p data-bbox="412 766 1479 938">The optional CardIQ Xpress Reveal software can be used to effectively display, reformat and analyze 2D, 3D, and GSI CT images for qualitative or quantitative assessment of the anatomy of the heart and coronary artery vessels from single or multiple cardiac phase image data sets. When used with CardIQ Function, CardIQ Xpress Reveal can also provide functional assessment including relative perfusion information.</p> <p data-bbox="412 963 1474 1100">CardIQ Xpress Reveal can be launched directly or from within Volume Viewer applications using axial, helical or GSI CT images; including images created using the SnapShot Freeze intelligent motion correction option. It provides the user with both single and multiple cardiac phase analysis protocols for single energy and spectral energy CT images.</p> <p data-bbox="412 1125 1479 1367">The software includes a variety of different 2D, 3D or reformatted protocols including: display of the coronary vessel tree, angiographic view, 2D and 3D rendering of single or multiple coronary artery vessels or grafts, automatic reformation of cross sectional cardiac images into planes along short or long axis of the heart, one-touch cath views for 3D or reformatted images, 3D angiographic view phase registration, color mapped plaque density measurements, IVUS-like views, 3D ejection fraction, 4D aortic and Mitral valve views, relative perfusion, transparency views and beating heart images from single or multiple cardiac phase image data sets.</p> <p data-bbox="412 1392 1479 1493">Clinical applications include: imaging of cardiac morphology, coronary artery imaging and assessment of relative perfusion, assessment of plaque, bypass graft patency, post intervention follow-up and functional assessment.</p> <p data-bbox="412 1518 1479 1581">CardIQ Xpress Reveal combines simplified user workflow with SnapShot Freeze inelegant motion correction imaging.</p> <ul data-bbox="433 1606 1458 1801" style="list-style-type: none"> <li>• Pre-processing the images &amp; models including SnapShot Freeze exams, for faster review</li> <li>• Loading images into the auto launch area area for real-time review of multiple exams</li> <li>• Easy switching from one protocol to the other without exiting the application</li> <li>• Single click one-touch cath views</li> <li>• Batch movie output within cardiac reformat</li> </ul>

Qty	Description
	<ul style="list-style-type: none"> <li>• User defined layouts within vessel analysis for simplified viewing and filming</li> <li>• Multi-phase load to single phase review</li> </ul> <p>The CardIQ Xpress reveal option allows the user to:</p> <ul style="list-style-type: none"> <li>• Rendering and display of 2D/3D coronary vascular tree images with automatic vessel tracking &amp; labeling with single click of a protocol. Images can be reviewed in axial, reformat, curved, oblique MPVR, and cross section views</li> <li>• Measurements of coronary arteries including stenosis and stenosis length, and density</li> <li>• PlaqlD to color code non-calcified and calcified plaque with volume measurements.</li> <li>• 2D reformat review with predefined views to review all coronary vessels.</li> <li>• Color enhanced relative perfusion defect pattern recognition for detection of ischemic heart disease with 4 color patterns</li> <li>• Automatically render data for streamlined reading to include: 3D rendered heart, angiographic view, tree VR, and ejection fraction.</li> <li>• Reformat standard axial CT images of single or multiple cardiac phases automatically into short, long and two chamber long axis of the heart for easy review</li> <li>• Perform functional evaluation of the heart and cine capabilities for multiphase beating heart images with one easy click</li> <li>• Extraction of the left ventricle and automated ejection fraction and volume measurements</li> <li>• 4D aortic valve and mitral valve views with one touch</li> <li>• Ability to select different protocols without exiting the application</li> <li>• Pre-defined VR IVUS-like views for virtually determining plaque compositions</li> <li>• One touch angiographic view protocol display coronary vessel tree and myocardium with automatic removal of heart chambers for cath comparative view</li> <li>• Heart transparency model allowing for full visualization of coronaries in relations to the heart chambers with the ability to fade out the chambers of the heart</li> <li>• Oblique reformat views in the standard cath angles for easy analysis of the coronary vessels</li> <li>• Load multi-phase images, review the data and decide which phase or phases will be reviewed for further processing by dropping the non-essential phases</li> <li>• Phase registration - ability to register images from different cardiac phases into a unique data set. The data set can then be saved as a 3D object and/or used for further analysis</li> </ul> <p>System requirements:</p> <ul style="list-style-type: none"> <li>• AW Workstation with VolumeShare6 on HP 8400 or later with a minimum of 16GB RAM or a HP Z800 with 24GB of RAM</li> <li>• Auto Launch and Preprocessing Option</li> </ul>

Qty	Description
1	<ul style="list-style-type: none"> <li>• 2 monitor configuration</li> <li>• Color Landscape monitor</li> </ul> <p>CT Perfusion 4D Neuro Package</p> <p>CT Perfusion 4D Neuro Package is an image analysis software package that allows the evaluation of dynamic CT data following an injection of a compact bolus of contrast material, generating information with regards to changes in image intensity over time. The software provides a quick and reliable assessment of the type and extent of cerebral perfusion disturbances by providing qualitative and quantitative information on various perfusion related parameters, which may be related to acute stroke, brain tumor angiogenesis and treatment thereof. The key perfusion parameters that CT Perfusion 4D Neuro Package generates are:</p> <ul style="list-style-type: none"> <li>• Regional Blood Volume (BV; ml/100g)</li> <li>• Regional Blood Flow (BF; ml/min/100g)</li> <li>• Regional Mean Transit Time (rMTT;s)</li> <li>• Capillary Permeability Surface Area Product (PS)</li> <li>• Time of Arrival (IRF T0)</li> <li>• Transit Time to IRF Peak (Tmax;sec)</li> </ul> <p>The user now has the ability to visualize all the information in true volumetric form.</p> <p>Additional elements of Perfusion 4D include Smart Map, a new algorithm that improves the image quality of the functional maps in the presence of noise.</p> <p>Perfusion 4D also includes a new streamlined workflow for Tissue Classification. Tissue Classification may aid the clinician in determining the status of the tissue based on blood volume and one of blood flow, mean transit time, or Tmax.</p> <p>Productivity is enhanced through the protocol driven design of the user interface. An example of this is the Brain Stroke Protocol (Automatic) that completes the processing with one touch reducing the time required to process the exam and to enhance repeatability.</p> <p>Perfusion 4D is compatible with AW VolumeShare5.</p>
1	<p>SmartScore 4.0 Software - for AW 4.2P and Higher</p> <p>SmartScore 4.0 Software Kit Only for AW 4.2P and Higher.</p> <p>B79971JH SmartScore 4.0 is for the Advantage Windows Workstation. New features include: Mass score, automatic highlighting of the calcium, new mouse modes &amp; improvements to patient report. Images from GE LightSpeed, BrightSpeed or Xi product lines with either prospective or retrospective gating data can be used with the SmartScore software.</p>
1	<p>VESSELIQ &amp; AUTOBONE</p>

Qty	Description
	<p data-bbox="410 373 805 405">VessellQ Xpress &amp; AutoBone Xpress</p> <p data-bbox="410 426 1138 457">CT VessellQ Xpress and Autobone Xpress is for AW VolumeShare5</p> <p data-bbox="410 478 1463 579">VessellQ Xpress provides an optimized non-invasive application to analyze vascular anatomy and pathology and aid in determining treatment plans from a set of CTA images. This software supports the physician in:</p> <ul data-bbox="431 590 1490 1234" style="list-style-type: none"> <li data-bbox="431 590 1490 730">• Assessment of aneurysms with or without thrombus (false lumen) for size and volume measurements with the capability to track the size and volume over time, stenosis analysis, pre/post stent and surgical planning and directional vessel tortuosity visualization.</li> <li data-bbox="431 741 1490 842">• Automatic tools for the segmentation of bony structures in the brain and neck and other vascular areas for accurate identification of the vessels, single or double click vessel analysis.</li> <li data-bbox="431 852 1490 953">• Sizing the vessel, analyzing calcified and non-calcified plaque to determine the densities of plaque within a vessel, measure areas of abnormalities within a vessel (like stenosis, plaque, thrombus, dissection or leakage).</li> <li data-bbox="431 963 1490 1035">• Semi-automated detection and segmentation of thrombus for subsequent measurements within the application.</li> <li data-bbox="431 1045 1146 1077">• Dedicated anatomy based protocols for improved workflow.</li> <li data-bbox="431 1087 1490 1159">• Compare a patient's previous exam to their current exam in order to measure and track any changes over time of their vascular structures.</li> <li data-bbox="431 1169 1490 1234">• After review of the exams, there are multiple ways to film, archive and capture information for future review.</li> </ul> <p data-bbox="410 1255 662 1287">System Requirements:</p> <ul data-bbox="431 1297 683 1329" style="list-style-type: none"> <li data-bbox="431 1297 683 1329">• AW VolumeShare5</li> </ul> <p data-bbox="410 1350 1344 1381">Note: All software are Non-Transferable to other hardware and are Non-Returnable.</p>
1	<p data-bbox="410 1413 805 1444">GemStone Spectral Imaging Option</p> <p data-bbox="410 1465 1490 1749">Gemstone Spectral Imaging is an innovative dual energy scan mode that uses two nearly simultaneous scans at two different energy levels to generate material characterization information. The LightSpeed CT750 HD Performix HD tube and HD generator are capable of switching energy at very high speeds. By acquiring this multiple energy scan data, patient data with different attenuation values corresponding to the energy levels is generated. These scan data are utilized to help identify material-specific differences in attenuation in terms of Water &amp; Iodine, Water &amp; Calcium, and Iodine &amp; Calcium basis-pair images, allowing mono-chromatic image representations via the Gemstone Spectral Imaging viewer.</p> <p data-bbox="410 1770 1490 1831">Gemstone Spectral Imaging option enables the LightSpeed CT750 HD system to switch the kV from high to low at a very fast switching rate of up to 4.8kHz and utilizes the fast response of the</p>

Qty	Description
	<p>GE Gemstone Detector to capture the spectral imaging data sets that are registered to within micro-seconds. This fast switching reduces the registration artifacts generated by some dual energy methods. Gemstone Spectral Imaging has the following image quality benefits and capabilities:</p> <ul style="list-style-type: none"> <li>o registers energies more than 165 times faster than a dual source CT system at 0.35 second rotation speed.</li> <li>o generates derived images over a 50cm SFOV for the separation of materials such as calcium, iodine and water.</li> <li>o provides derived monochromatic spectral images at 101 user selectable energy levels for image contrast optimization.</li> <li>o reduces beam hardening artifacts due to bone, metal, and other high contrast material (example: iodine) up to 50%</li> <li>o can detect iodine concentrations as low as 0.5% in density</li> </ul> <p>The LightSpeed CT750 HD system with Gemstone Spectral Imaging can acquire CT images using kV levels of the same anatomical region of a patient in a single rotation from a single source. The differences in the energy dependence of the attenuation coefficient of the different materials provide information about the chemical composition of body materials. This approach enables images to be generated at energies selected from the available spectrum to visualize and analyze information about anatomical and pathological structures.</p>
1	<p>14 KVA 3-Phase Partial UPS for VCT</p> <p>3 Phase 14 KVA Partial UPS for Lightspeed VCT, Discovery ST - HP and Lightspeed Pro32.</p> <p>The 14KVA Partial UPS has been specifically designed to coordinate with GE Healthcare CT &amp; PET/CT scanners. In the event of a power outage a partial system UPS provides continuous backup power to the scanner host and control computers, thus assuring no loss of usable scan data. In addition, critical circuits in the gantry and table remain powered which facilitate the safe removal of the patient from the scanner. If power is restored within the battery hold-up time, the operator can continue scanner operations without the need to reboot the system. When longer power outages are anticipated, the UPS provides time for the operators to safely remove the patient and complete an orderly shutdown of the system software.</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li>• True double-conversion, online technology provides reliable operation &amp; uninterrupted glitch free power</li> <li>• Automatic voltage and frequency selection eases startup, i.e., 50 or 60 Hz compatible</li> <li>• Integral Manual Bypass switch facilitates continued scanner operation while UPS is being serviced</li> <li>• Single input connection utilized for both UPS input and static switch</li> <li>• Maintains system electronics and allows critical scanner operations to continue for &gt; 10 minutes (typical) after loss of power</li> <li>• Protects electronics from under voltage, brownouts, line sags, over voltage and transients</li> <li>• Advanced Battery Management (ABM) software monitors / indicates battery health and</li> </ul>

Qty	Description
	<p data-bbox="470 367 792 403">improves battery service life</p> <p data-bbox="409 420 592 451">SPECIFICATIONS</p> <ul data-bbox="430 478 1026 718" style="list-style-type: none"> <li>• Dimensions (H x W x D): 49" x 12" x 32"</li> <li>• Weight: 620 lbs.</li> <li>• Rating: 14.4 kVA</li> <li>• Input Voltage Range: Three-Phase; 102-132V / ph</li> <li>• Input Frequency Range: 45-65 Hz</li> <li>• Output Frequency: 50 or 60 Hz, auto-sensing</li> </ul> <p data-bbox="409 739 579 766">COMPATIBILITY</p> <ul data-bbox="430 793 1485 861" style="list-style-type: none"> <li>• CT LightSpeed Pro 32, Lightspeed VCT, CT 750HD, PET Discovery ST &amp; ST-HP, PET Discovery VCT, PET Discovery 600/690</li> </ul> <p data-bbox="409 882 495 909">NOTES:</p> <ul data-bbox="430 936 1485 1010" style="list-style-type: none"> <li>• Customer is responsible for rigging and arranging for installation with a certified electrician</li> <li>• ITEM IS NON-RETURNABLE AND NON-REFUNDABLE</li> </ul>
1	<p data-bbox="409 1045 779 1073">125A Main Disconnect Panel (US)</p> <p data-bbox="409 1094 1023 1121">CT Main Disconnect Panel - 125 Amp with Auto Restart</p> <p data-bbox="409 1142 641 1169">FEATURES/BENEFITS</p> <ul data-bbox="430 1197 1485 1619" style="list-style-type: none"> <li>• Custom panel serves as the main power disconnect between the CT system and the facility 400-480V power source Panel provides short circuit, overload, undervoltage release, automatic restart, and emergency shut down for the CT system</li> <li>• Reduces installation time and cost by providing a single-point power connection eliminating the need to mount and wire a number of individual components</li> <li>• Standardized design and testing assures high product quality and system reliability</li> <li>• On systems where the optional 12.5 kVA partial system UPS is ordered, the Main Disconnect Panel also provides mandated emergency power off control via a UPS output disconnect function included in the panel design</li> <li>• Provides a standardized platform for future UPS or other GE engineered modifications or upgrades</li> </ul> <p data-bbox="409 1640 592 1667">SPECIFICATIONS</p> <ul data-bbox="430 1694 912 1808" style="list-style-type: none"> <li>• Dimensions (H x W): 30.24 in. x 19.78 in.</li> <li>• Enclosure Depth: 7.05 in.</li> <li>• Handle Depth: 10.3 in.</li> </ul>

Qty	Description
	<ul style="list-style-type: none"> <li>• Weight: 110 lbs.</li> <li>• UL, cUL and CE labeled</li> <li>• Panel disconnect provides OSHA lockout/tagout provisions</li> <li>• Surface or semi-flush mounting</li> <li>• Partial system UPS sold separately (E4502F)</li> </ul> <p>COMPATIBILITY</p> <ul style="list-style-type: none"> <li>• CT LS Pro 16, LS Pro 32, RT Systems, LS VCT, CT 750HD, Discovery 690 VCT</li> </ul> <p>NOTES:</p> <ul style="list-style-type: none"> <li>• Customer is responsible for rigging and arranging for installation with a certified electrician</li> <li>• ITEM IS NON-RETURNABLE AND NON-REFUNDABLE</li> </ul>
1	<p>Medrad Stellant D Dualflow Pedestal Mount - Integrated Injector ISI Ready</p> <p>Medrad Stellant Integrated Injector - ISI 900</p> <p>The Imaging System Interface (ISI 900) is an option that allows a Stellant CT Injection System to interface with a CT scanner. It interacts with an injector and scanner through direct cable connection.</p>
1	<p>Medrad P3T Abdomen Option</p> <p>Medrad P3T Abdomen Option</p>
1	<p>CT Table Slicker with Cushion - VCT 1700 Systems (2-pc Set)</p> <p>Slicker - CT HD750 and VCT w/GT 1700 Table (2 Piece Set)</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li>• Two-piece, sealed slicker cushion set has comfort pads enclosed inside the slicker cover and extender cover</li> <li>• Durable, clear PVC plastic cover facilitates faster, more thorough cleanup of blood and fluids</li> <li>• Increase system uptime by protecting table from spills and particulate contaminants</li> <li>• Thermo-sealed seams and flaps prevent contaminate buildup in hard to clean areas</li> </ul> <p>COMPATIBILITY</p> <ul style="list-style-type: none"> <li>• VCT with GT 1700 Table, CT HD750</li> </ul>
1	<p>CT Footswitch Slicker - VCT 2000 &amp; 1700 Systems</p> <p>Footswitch Slicker for CT HD750 and VCT Systems</p>

Qty	Description
1	<p>The footswitch slicker for CT VCT 2000 and 1700 systems is made of durable, clear PVC plastic that protects the footswitch and facilitates faster, more thorough cleanup of contamination caused by blood and other body fluids. Cover is held securely in place with Velcro...H</p>
1	<p>VCT Straps, Narrow (2) 540mm, 1060mm</p> <p>VCT Straps - Narrow (Width 60mm/2.36 in.) 1 side measures 21.25 in (540mm), other side measures 41.73 in (1060mm). Both straps with Velcro. Warranty Code: H</p>
1	<p>VCT Straps, Medium (2) 540mm, 1060mm</p> <p>VCT Straps - Medium (Width 150mm/5.90in.) 1 side measures 21.25 in (540mm), other side measures 41.73 in (1060mm). Both straps with Velcro. Warranty Code: H</p>
1	<p>VCT Straps, Wide (2) 540mm, 1060mm</p> <p>VCT Straps - Wide (Width 370mm/14.56 in.) 1 side measures 21.25 in (540mm), other side measures 41.73 in (1060mm). Both straps with Velcro. Warranty Code: H</p>
1	<p>3-day Cardiac CTA Advanced Masters Course for Physicians</p> <p>This 3 day course is designed for physicians who have already attended an introductory course and are ready to start interpreting cardiac studies. Course includes observation and interpretation of live case studies, hands-on AW workstation experience, overreads of case studies and and mentoring by expert physicians.</p> <p>Course description, agendas and registration information are listed on the GE HEalthcare website at: <a href="http://www.gehealthcare.com/gectmasters">www.gehealthcare.com/gectmasters</a></p> <p>Courses are scheduled at various times throughout the year and are subject to change.</p> <p>Price includes tuition only and is non-discountable. Travel and Living are Not included.</p> <p>This training program must be scheduled and completed within 12 months after the order install date. Unused training after the expriation date is non-refundable.</p>
1	<p>Interpreting the Heart: A Visual Guide Using CardIQ Xpress Educational Toolkit</p> <p>Interpreting the Heart: A Visual Guide Using CardIQ (TM) Xpress Educational Toolkit</p> <p>Interpreting the Heart: A Visual Guide Using CardIQ (TM) Xpress is a product intended for radiologists and cardiologists who want to learn how to interpret cardiac CT angiography images using the CardIQ software on the AW workstation.</p> <p>Based on the criteria established by the Society of Cardiac Computed Tomography (SCCT), these 50 cardiac CTA cases can be used towards Level 1 and Level 2 Cardiac CT credentials.</p> <p>This guide contains 50 cardiac CTA case studies, packaged in 2 binders. The first binder consists</p>

Qty	Description
	<p>of 30 cardiac CTA case studies, which have a correlating cardiac catheterization exam. All 30 cases have multiphase image data to evaluate coronary function; 25 of these cases have non-contrast image data to obtain a calcium score.</p> <p>The second binder contains 20 cardiac CTA case studies without cardiac catheterization correlation. All case studies include cardiac CTA impressions as well as a detailed description of findings under each reference image by an expert interpreter.</p> <p>All cases can be loaded and reviewed on your Advantage Workstation (TM).</p> <p>Other features include:</p> <ul style="list-style-type: none"> <li>• Blank reporting forms for note-taking during case reviews for both cardiac CTA and cardiac catheterization cases</li> <li>• Blank log sheet for SCCT credentialing</li> </ul> <p>This product is available for sale with VCT, VCT XT and HD scanners.</p>
2	<p>6 Day CT TiP Onsite System Training</p> <p>6 Day CT TiP Onsite System Training</p> <p>CT Onsite Training for a new CT system</p> <ul style="list-style-type: none"> <li>• One 4 day onsite visit to coincide with system start-up.</li> <li>• One 2 day onsite follow-up visit 6-8 weeks post system start up.</li> </ul> <p>During the first visit, the applications specialist will work with the medical and technical staff on system operation and patient procedures. The training produces the best results when a dedicated core group of 2-4 CT technologists complete the session with a modified patient schedule. It is suggested that key physicians are available to participate in the protocol implementation and image quality review sessions. By the end of this visit, the core group should be able to perform the routine patient procedures.</p> <p>The 2 day revisit is suggested after the staff has run the system for 6-8 weeks, however this is flexible based on the site needs. The training will focus on the intermediate and advanced functions of the system or special needs of the customer. The training produces the best results when the same dedicated core group of 2-4 CT technologists from the initial visit complete the session with a modified patient schedule.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
1	<p>TiP CT Basic Training 6 Days Onsite 10 Hours TVA</p> <p>TiP CT Basic Training 6 Days Onsite 10 Hours TVA</p> <p>TiP Applications CT Basic Training for LightSpeed, LightSpeed VCT and BrightSpeed Systems</p>

Qty	Description
	<p>includes:</p> <ul style="list-style-type: none"> <li>• 6 onsite days covered in two site</li> <li>• 10 hrs. TVA</li> </ul> <p>All elements of the programs are completed within 36 months post installation. Onsite training and TVA are delivered Monday through Friday between 8AM and 5PM. T&amp;L expenses are included.</p>
1	<p>TiP Applications VCT Dose/IQ Protocol Optimization &amp; Introduction to New Cardiac Features</p> <p>TiP Applications VCT Dose/IQ Protocol Optimization &amp; Introduction to New Cardiac Features</p> <p>TiP Applications VCT console upgrade training includes 3 onsite days covered in one site visit and 6 hours of TiP Virtual Assist. Training includes ASIR, protocol optimization, workflow enhancements, ECG Viewer, ECG Editor, Adaptive Gating (SSP), and VHS (where applicable).</p> <p>Training is provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses.</p> <p>This training program must be scheduled and completed within 36 months after the date of product delivery.</p>
1	<p>1 Day CT TiP Onsite Training</p> <p>1 Day CT TiP Onsite Training</p> <p>One Day CT Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
2	<p>TiP HQ Class Discovery CT750 HD - Full Service</p> <p>TiP HQ Class CT750HD - Full Service</p> <p>3.5 day CT course held in the Milwaukee area. Includes travel and modest living expenses.</p> <p>This course is designed to introduce the technologist to the CT750HD system.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
1	<p>TiP Training Package 3 Onsite Days Plus 6 Hrs TVA</p> <p>TiP Training Package 3 Onsite Days Plus 6 Hrs TVA</p> <p>TiP Applications training package includes 3 days onsite delivered in one visit and 6 hours TiP Virtual Assist</p>

Qty	Description
1	<p>Training is provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses.</p> <p>This training program must be scheduled and completed within 36 months after the date of product delivery.</p> <p>TiP Training Package 4 Onsite Days Plus 10 Hrs TVA</p> <p>TiP Training Package 4 Onsite Days Plus 10 Hrs TVA</p> <p>TiP Applications training package includes 4 days onsite delivered in one visit and 10 hours TiP Virtual Assist</p> <p>Training is provided from 8AM to 5PM, Monday through Friday. Includes T&amp;L expenses.</p> <p>This training program must be scheduled and completed within 36 months after the date of product delivery.</p>
1	<p>CT LIGHTSPEED PRO ADV SER</p> <p>The LightSpeed Pro Advanced course is intended for engineers servicing LightSpeed Pro 16, LightSpeed RT, and forward production LightSpeed 16/Ultra/Plus (starting in 2004) systems. This course must be taken within 2 years from the purchase date.</p>
1	<p>CT LightSpeed VCT Upgrade Service Training Class</p> <p>CT LightSpeed VCT Upgrade Service Training Class</p> <p>The LightSpeed VCT package is intended for customers who have a LightSpeed VCT (32 or 64 slice) and are already trained on LightSpeed Pro. The Class/Lab course provides the instructional and hands-on opportunities for the student to acquire the fundamental competencies to effectively and safely service a LightSpeed VCT scanner. This course must be taken within 2 years from the purchase date.</p>
1	<p>CT VCT HD UPGRADE</p> <p>CT LightSpeed VCT HD Upgrade Service(Class/Lab)</p> <p>This course will teach the engineer how to service the new High Definition CT scanner. The HD system builds off of the VCT technology and footprint. New Service features include: a bleeder-less kV check, streamlined tube alignment process, and a System Health Monitor. This course must be taken within 2 years from the purchase date.</p>
15	<p>Meals And Lodging Expense</p> <p>Meals and Lodging Expense has been developed to allow the customer the convenience of prepaying for their meals and lodging expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI.</p>

Qty	Description
	<p>The price of this convenience is based on a per day basis. Thus a quantity of 1 is equal to 1 day's meals and lodging expense. When purchasing the meals and lodging expense please be mindful of weekend days during the training stay and include 2 days to cover a weekend in the purchase quantity.</p> <p>Examples: A 5-day course needs a quantity of 5. Any course longer than 5 days should include 2 days to account for the weekend stay. Any course longer than 10 days will require an additional 4 days of the meals and lodging expense to cover the 2 weekends of the stay. Thus a 15-day course would have a quantity of 19 days to cover the 2 weekends of the stay. This expense must be used within 2 years from the purchase date.</p> <p>Three meals a day Monday thru Thursday, 2 meals on Friday, plus breaks are provided in the onsite cafeteria. The GE Healthcare Institute cafeteria closes Friday after lunch and reopens Monday morning for breakfast. Weekend meals are the responsibility of the customer.</p> <p>Only for In-resident courses to be taken at the GE Healthcare Institute.</p>
1	<p>Airfare Expense</p> <p>The AIRFARE EXPENSE has been developed to allow the customer the convenience to prepay their roundtrip Airfare expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI. To be used for engineers attending In-Resident Class/Lab courses for Diagnostic Imaging.</p> <p>Customer will make their Airfare arrangements thru the GE Travel Center. Specific directions will be provided to the customer upon confirmation of class. Please note that this expense must be used within 2 years of the purchase date</p>
2	<p>Lodging Weekend Expense</p> <p>Lodging Weekend Expense</p> <p>Weekend Lodging Expense is to cover Saturday and Sunday lodging expenses for those engineers who are staying at the Rivers Edge Condos while attending Diagnostic Imaging Biomed training at the Healthcare Institute. Please note that there are no meals included on the weekend. Must be used within 2 years from the purchase date.</p>
1	<p>CT Basic Physics/Instrumentation (web)</p> <p>CT Basic Physics/Instrumentation (Web)</p> <p>The CT Fundamentals Course is Designed for Service Engineers who have Little or No Familiarity with CT Systems. The Course Teaches General Processes, Concepts, and Equipment Used in CT Scanning. This Course is Delivered Via the internet as an online training course. This course must be taken within 2 years from the purchase date.</p>

Qty	Description
1	<p>CT LIGHTSPEED PRO ADV SVC</p> <p>CT Lightspeed Pro Advanced Service (Web)</p> <p>Web course is 8 hours long</p> <p>Sales Description:</p> <p>Introduction to CT LightSpeed Pro system theory and subsystems</p> <p>Executive Summary:</p> <p>This is a computer-based training course intended to prepare Service Engineers on basic system theory for the LightSpeed Pro product line.</p> <p>Course Competencies:</p> <p>The curriculum builds on concepts taught in CT Basic Physics and is a prerequisite for the CT LightSpeed Pro and Discovery ST in-resident training classes at the GE Healthcare Institute.</p> <p>Special Considerations:</p> <p>A functioning laptop computer with a CD-ROM reader, network card and a modem card is required for use during this course. The browser on the computer must be IE4 or Netscape 4.5 or higher. Minimum system requirements include 133 MHz Windows 95, NY 4.0 or higher 32 MB of RAM 16-bit color display adapter. Proof of completion of this eLearning course is necessary prior to attending any subsequent GE Healthcare In-Resident training. This course contains proprietary content. For customers attending this course, special paperwork is required to take this course. Please see the registration page for details on the enrollment process. This course must be taken within 2 years from the purchase date.</p>
1	<p>GLOBAL OPERATOR CONSOLE</p> <p>CT GLOBAL OPERATORS CONSOLE 3,4,&amp; 5</p> <p>The Global Operators Console can be referred to as the Xtreme console as well. This is the current operator console for the CT LightSpeed and PET Discovery ST systems. This course must be taken within 2 years from the purchase date.</p>
1	<p>CT GLOBAL OPR CONSOLE 6</p> <p>CT LightSpeed Global Operators Console 6</p> <p>This course will prepare the GE Field Engineer and In House engineers for servicing the new Global Operators Console 6 (GOC6). This course must be taken within 2 years from the purchase date.</p>
1	<p>Troubleshooting Basics Service (web)</p> <p>Troubleshooting Basics Service (Web)</p>

Qty	Description
1	<p data-bbox="412 375 1487 583">This Course is Intended for Individuals Involved in Servicing Medical Equipment. By Taking This Course, You will Learn a Proven Process for Troubleshooting Problems with Medical Equipment. You will Also Learn How to Use Various Tools in a Troubleshooting Situation and How to Interpret Error Messages. This Course Does Not Address How to Troubleshoot Specific Products. It is Recommended That you Have Fundamental Training in a Modality Prior to Taking This Course. This course must be taken within 2 years from the purchase date.</p> <p data-bbox="412 621 748 648"><b>NETWORKING &amp; DICOM BASIC</b></p> <p data-bbox="412 674 959 701">Networking and Dicom Basic for DI Service (Web)</p> <p data-bbox="412 726 1433 825">Training will prepare engineers on configuring and troubleshooting networks, which use the DICOM protocol for transferring patient data and how to read and use DICOM Conformance Statements.</p> <p data-bbox="412 850 776 877">This course covers the following:</p> <ul data-bbox="431 903 1325 1098" style="list-style-type: none"> <li data-bbox="431 903 1297 930">• Introduction to 7 layer OSI and 5 layer TCP/IP protocols (Basic model only)</li> <li data-bbox="431 947 894 974">• Identify hardware used in networking</li> <li data-bbox="431 991 1325 1018">• Review of the most used networking devices, cables, NIC, switch and routers</li> <li data-bbox="431 1035 992 1062">• Simple network connection with 2 to 5 devices</li> <li data-bbox="431 1079 959 1106">• Dicom definitions, theory and configuration</li> </ul> <p data-bbox="412 1123 1143 1150">This course must be taken within 2 years from the purchase date.</p>
1	<p data-bbox="412 1188 959 1215"><b>Xtream Integrated Injector Interface Kit - Class IV</b></p> <p data-bbox="412 1241 1458 1339">Xtream Injector provides one handed synchronized start of the scan and injection from the CT Operators console or from the scan room providing consistent simultaneous start of contrast injection and scan acquisition protocols.</p> <p data-bbox="412 1365 1248 1392">It utilizes the CiA Class 4 functionality which includes the following benefits:</p> <p data-bbox="412 1417 1442 1516">Up to a 50% reduction in the number of user interface selections needed when compared to systems not utilizing the Xtream Injector. The 50% reduction comes from the fact that users select one button to start the scan acquisition and injection.</p> <ul data-bbox="412 1541 1458 1705" style="list-style-type: none"> <li data-bbox="412 1541 1458 1598">o Better control of contrast enhancement by synchronizing start time of the contrast injection and CT scan</li> <li data-bbox="412 1602 1458 1659">o Improved workflow by enabling single-button start of both the injector and scanner from the scanner</li> <li data-bbox="412 1663 1458 1719">o Injection parameter preview from the scanner console prior to beginning the scan</li> <li data-bbox="412 1724 1458 1780">o Post-study review of injection results from the scanner console</li> <li data-bbox="412 1785 1458 1841">o Automatic documentation of injection results in PACS</li> </ul>

## Options

(These items are not included in the total quotation amount)

Qty	Description
1	<p>Vevo Reconstruction Option</p> <p>Vevo is the industry's first model-based iterative reconstruction which provides a new benchmark for CT image quality at lower dose. This breakthrough is changing the way physicians use CT imaging, delivering a combination of high-quality images and low dose that was previously unthinkable.</p> <p>Available with the Discovery CT750 HD, Vevo is a powerful new approach to CT image reconstruction which may provide improved Image Quality (LCD, spatial resolution &amp; pixel standard deviation) with less dose than ASiR (TM) or FBP reconstruction(1), opening possibilities for further dose reduction in clinical practice.</p> <p>Vevo Image Quality benefits may include:</p> <ul style="list-style-type: none"><li>o Extraordinary resolution with thin slice detail</li><li>o Improved low contrast detectability</li><li>o Less noise(2) with fewer artifacts when compared to traditional image reconstruction approaches</li></ul> <p>Along with unmatched image quality VEO also may allow you to image under 1mSv, this benefit is significant, especially for the most radio-sensitive patients including pediatric, young women, and those requiring regular follow-up and monitoring. With lower dose the opportunity to dramatically reduce cumulative dose in patients who require regular follow-up exams is also possible.</p> <p>Included with the package:</p> <ul style="list-style-type: none"><li>• Quad-Core Multi BladeCenter computing platform, capable of simultaneously processing multiple reconstructions</li><li>• Intel (R) Xeon Dual-Processors 2.53Ghz (2 per blade)</li><li>• 168GB of RAM</li></ul>

Qty	Description
1	<p>1 - In clinical practice, the use of Veo may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.</p> <p>2 - Noise as measured as pixel noise standard deviation.</p> <p>Veo 42U Storage Cabinet</p> <p>This robust 42U industry-standard 19" rack is designed to safely, and securely house the Veo BladeCenter* (9U), monitor (1U), and PDU (1U), optional UPS (6U) with additional space for future expansion.</p> <p>This storage rack features:</p> <ul style="list-style-type: none"> <li>• Perforated front &amp; rear doors for maximum airflow</li> <li>• Split rear door design to decrease the rear clearance required</li> <li>• Lockable doors and side walls provide a more secure environment for equipment and data</li> <li>• External dimensions (HxWxD): 200cm x 60.5cm x 100cm (79" x 24" x 39")</li> </ul>
1	<p>Un-interruptible Power Supply for Veo BladeCenter</p> <p>Uninterruptible power supply (UPS) is designed to meet customer requirements for high-density, cost-effective power management to avoid data corruption during power outage. This unit provides 10KVA/8KW of power protection for 17 minutes of extended operations at full power with loss of input power.</p> <p>This UPS also provides:</p> <ul style="list-style-type: none"> <li>• Full-time surge suppression</li> <li>• Automatic voltage regulation and noise filtering</li> <li>• Hot-swappable batteries to help maximize uptime and availability</li> </ul>

\*BladeCenter is a registered trademark of IBM

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