VAOPC/MARTINEZ B56016
V.A. Medical Center
150 MUIR RD
MARTINEZ, CA 94553

MANUFACTURER: GE HEALTHCARE
MODEL: SENOGRAPHE ESSENTIAL
SERIAL #: 1994MC3
ACQ DATE: 5/14/2007

P.O.# 612-B56016

Qty	Product Description
1	SELENIA DIMENSIONS MAMMOGRAPHY SYSTEM, 3D SELENIA DIMENSIONS TOMO WITH AWS 8000 Hologic 3D Mammography system with AWS 8000 Operator Console for screening and diagnostic imaging using 2D and 3D mammography. Includes: • X-Ray Gantry: • Generator: Fully integrated Constant Potential, High Frequency, Inverter Type • X-Ray Tube: Tungsten, Bi-Angular, High Speed, High Heat Capacity • X-Ray Filters: Rhodium, Silver, Aluminum • Anti-Scatter Grid: Auto-retracting HTC grid • Advanced Acquisition Workstation (AWS 8000): • Advanced ergonomic design; pull-out keyboard drawer • CPU – Multi-Core Intel-based CPU, 16 GB RAM min., 1 TB disk min., DVD +/- R/W, Win 7/64 • Operator Monitors • User Interface Display – 1.2 MP Color LCD Touch-Screen Display • Image Display – 3 MP Monochrome Medical Grade LCD Display • Monitor swing-arm • Biometric Fingerprint Reader for quick login • Selenia Dimensions Software, including: • User Access Control • Patient and Study Selection • Imaging Procedure Selection and Definition • X-Ray Parameter Control • Image Review and Acceptance/Rejection • Quality Control • Connectivity:

		• DICOM: Modality Worklist; Storage; Storage Commitment; Query/Retrieve; Print
		  • IHE Profiles: Scheduled Workflow, Patient Information Reconciliation, Mammography Image
		   • Selenia Dimensions Software Licenses, including:
		    • Selenia Dimensions System License
		    • Diagnostic Imaging License
		    • Dynamic Tube Head Motion License
		    • Tomosynthesis Imaging License
		    • Advanced Connectivity License Pack
		    • Notices License
		   • Keyboard
		
		Training Requirements (US):
		• FFDM accreditation is required: apply to the ACR or your State for FFDM certification.
		• Once FFDM accredited, contact the MSQA FFDM Certification Extension Program for Tomosynthesis at 301-796-5710.
		• Sites must obtain ACR or State FFDM accreditation before using the Tomosynthesis Modality.
		
		Necessary Training (Worldwide):
		• Hologic strongly recommends that radiologists attend the ICPME (www.icpme.us) webinar entitled "State of the Art Mammography: The Role of full Field Digital Imaging, Generated 2D images, and Digital Breast Tomosynthesis" prior to reading C-View. This one-hour, on demand webinar is available 24/7 at no charge. Physicians (US) can earn 1 CME. Existing Hologic C-View customers as well as new users are encouraged to attend this training.
		
		SecurView Recommendations:
		• If using SecurView, please contact your Hologic representative to confirm your SecurView workstations meet the minimum software and hardware requirements to support this Dimensions configuration.
		
		Warranty:
		• Standard One-Year Parts and Labor Warranty; Two-Year Prorated Manufacturer's Warranty on X-Ray Tube		

1		ACCESSORY KIT, 3D, SELENIA DIMENSIONS
		Hologic 3D Mammography accessory kit for Selenia Dimensions 3D AWS 8000 imaging systems.
		
		Includes:
		• X-Ray Shield and Mounting Kit
		• Standard Compression Paddles:
		  • 24 cm x 29 cm Screening Paddle
		  • 18 cm x 24 cm Screening Paddle
		  • Small Breast Paddle
		• Standard Diagnostic Paddles:
		  • 10cm Spot Contact Paddle, Frameless
		  • 10 cm Contact Paddle
		  • 7.5 cm Spot Contact Paddle
		  • 10 cm Contact Paddle, Magnification
		  • 7.5 cm Spot Contact Paddle, Magnification
		• Other Accessories:
		  • Face Shields: Fixed, for 2D Mammography; Sliding, for 3D Mammography
		  • Magnification Platform
		  • Flat-field Block Phantom and Case
		  • Tomosynthesis Geometry Calibration Phantom
		  • Dual-Function Gantry Footswitches (2)
		  • Dimensions Interconnect Cable Kit
		  • Documentation package:
		   • User Manual
		   • Service and Maintenance Manual
		   • Quality Control Manual		

1		TRADE IN - COMPETITIVE - DIGITAL MAMMOGRAPHY Trade-in allowance for a competitor (non-Hologic) digital mammography system. Does not apply to Hologic or Lorad brand digital mammography systems. Transfer of		

		Ownership to Hologic must be completed to guarantee pricing of the overall deal.		
1		**DIMENSIONS DETECTOR** Hologic 3D Mammography Digital Image Receptor for Selenia Dimensions 2D/3D imaging systems. Includes: • Digital Image Receptor 　• Amorphous Selenium, TFT 　• Structure – Single 24 cm x 29 cm Plate 　• Image Matrix Sizes – 2560 x 3328 (18 cm x 24 cm); 3328 x 4096 (24 cm x 29 cm) 　• Pixel Size – 0.070 mm 　• Limiting Spatial Resolution – 7.1 lp/mm		
1		**LICENSE KEY, DIMENSIONS 1.7 SYSTEM LICENSE** The Dimensions 1.7 System License enables the Selenia Dimensions system to run version 1.7 software. This license is required for proper operation of the system. NOTE: This license does not entitle the system to newer versions of 1.7 software; any such entitlement comes from the Dimensions or Avia system warranty or under the terms of the Hologic Service Contract covering the system.		
1		**LICENSE KEY, DIAGNOSTIC PROCEDURES** The Diagnostic Imaging Software License enables the Selenia Dimensions system to acquire images with paddles other than the 18x24, 24x29 and small breast paddles. It also enables the use of the magnifications stand and all interventional paddles.		
1		**LICENSE KEY, DYNAMIC TUBEHEAD MOTION** The Dynamic Tube Head Motion Software License enables the dynamic motion of the X-ray Tube Head for use on Dimensions systems. It allows the system to acquire X-ray exposures with the tube head at angles other than zero degrees relative to the breast tray. NOTE: This part number should not be ordered for Avia systems. In the case of Avia, the Dynamic Tube Head Motion Software Licenses is separately authorized for use in 2D biopsy and tomosynthesis imaging procedures.		
1		**LICENSE KEY, HOLOGIC 3D MAMMOGRAPHY IMAGING** The Hologic 3D Mammography Imaging License enables the Selenia Dimensions system to acquire 3D data sets in Tomo or Combo imaging modes. If configured with a C-View Software license (sold separately), the system can also acquire images in TomoHD and ComboHD imaging modes. If configured with an I-View Software license (sold separately), the system can additionally acquire images in CE2D Combo imaging mode. Training Requirements (US Only): • Sites must obtain ACR or State FFDM accreditation before using the Tomosynthesis Modality. • If your site has not yet been received FFDM accreditation, you must apply to the ACR or State for FFDM certification. Once that is received, you may contact the MSQA FFDM Certification Extension Program for Tomosynthesis at 301-796-5710. Necessary Training (Worldwide): • Hologic strongly recommends that radiologists attend the ICPME (www.icpme.us) webinar entitled "State of the Art Mammography: The Role of full Field Digital Imaging, Generated 2D images, and Digital Breast Tomosynthesis" prior to reading C-View. This one-hour, on demand webinar is available 24/7 at no charge. Physicians (US) can earn 1 CME. Existing Hologic C-View customers as well as new users are encouraged to attend this training.		
1		**DIMENSIONS 2D TRAINING, INITIAL, 3 DAYS, 1 SITE, MAX 5 TECHS** * Three (3) Consecutive days of Applications Training for up to 5 Technologists per site. * Applications must be completed within 12 months of equipment shipment * Please note: Cancellation must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees * Initial Applications Added Value: $5,100.00		
1		**DIGITAL BREAST TOMOSYNTHESIS FOR TECHS COURSE** The Digital Breast Tomosynthesis Essentials for Technologists course presents the essential principles, imaging strategies, and advances associated with digital breast tomosynthesis and can serve as a valuable companion to hands-on training in this modality. It is intended for medical imaging professionals who plan to practice digital breast tomosynthesis. The course consists of three comprehensive study modules in a convenient storage case. Each curriculum module is written in easy-to-follow text, with an abundance of illustrations, clinical images and summaries, written in the language of the radiological technologist.		

		Topics: • Getting to Know Digital Breast Tomosynthesis • DBT Hardware and System Operation • DBT in Clinical Practice
1		DIMENSIONS 3D TRAINING, INITIAL, 2 DAYS, 1 SITE, MAX 5 TECHS * Three (3) Consecutive days of applications Training. 2 days for Technologists up to 5 techs per site and 1 day of training for Radiologists training up to 3 Rads per site. * Applications must be completed within 12 months of equipment shipment. This training cannot be performed until FFDM certification extension is received for Tomosynthesis. * Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees. * Initial Applications Added Value: $5,100.00
1		DIMENSIONS 3D EDUCATION MEDPHYS, INITIAL, 8 HOURS, 1 SITE, MAX 2 PHYSICISTS Included in the price are 8 hours of Hologic tomosynthesis educational training for up to 2 physicists. This consists of 3 hours of Online training; and, 5 hours of QC training with a Hologic Field Engineer. Education must be completed within 12 months of equipment shipment. Visit www.hologic.com/medical-professionals for a list of Hologic educational opportunities. Added Value: $1,500.00
1		DIMENSIONS 3D EDUCATION RAD, INITIAL, 8 HOURS, 7 RADIOLOGISTS, MAX 2 RAD PER SVDX Tomo Modality – Radiologist Included in the price of your system are 8 hours of Hologic Tomosynthesis educational training for up to 7 radiologists. Radiologists can either participate in Essentials of 3D Breast Tomosynthesis Interpretation (virtual course), live Hologic hosted, or a live online course streamed via WebEx. The virtual course is streamed through the internet on a standard computer with 24/7 access. The WebEx training requires a SecurViewDX workstation (licensed for Tomosynthesis) and a separate computer with internet connection; ONLY two radiologists per SecurViewDX workstation. Please refer to SecurView hardware/software Minimums. Education must be completed within 12 months of equipment shipment. Excludes travel and expenses. Visit www.hologic.com/training for a list of Hologic educational opportunities. Added Value: $5,250.00
1		PRODUCT, MAMMOPAD, MP301, DEMONSTRATION PRODUCT, QTY 25 Starter supply of twenty-five (25) 29 x 30 cm MammoPad Breast Cushions MammoPad Initial Order Form
1		MAMMOPAD MARKETING PACKET Educational Information: "Technical Analysis of Radiolucent Breast Cushions" "Marketing Digital Mammography and a Mammography Breast Cushion to Increase"
1		PINK RIBBON FACILITY FIELD GUIDE A comprehensive business development guide, provided by Hologic, full of proven marketing materials and communication strategies to support your individual business-building efforts. Value Added List Price: $5,000.00
1		SERVICE FLAG, SITE'S FIRST TOMO SYSTEM
1		SERVICE FLAG, INSTALLATION
1		SDM, MODALITY PERFORMED PROCEDURE STEP (MPPS) LICENSABLE OPTION Software License enables use of DICOM Modality Performed Procedure Step (MPPS) transactions. It allows the Dimensions or Avia system to communicate completed procedure steps to the RIS system as soon as they have occurred. Includes: • MPPS Software License Note: Although, MPPS may be used to transfer dose information related to the procedure back to the RIS system, MPPS is no longer the preferred method for communicating X-ray Radiation Dose Information. Consider DICOM Radiation Dose SR as an alternative.
1		SDM, BI-DIRECTIONAL COMMUNICATION LICENSABLE OPTION Software License enables bi-directional communications between the technologist at the Dimensions 8000, Dimensions 5000 or Avia operator's console and the radiologist at the SecurView workstation. This software license also supports seamless operation with the Advanced Workflow Manager, sold separately. Includes: • Bi-Directional Communications Software License

1		DIMENSIONS C-VIEW SOFTWARE LICENSE AND KIT Enables creation of C-View Generated 2D images on Selenia Dimensions systems configured with Hologic 3D Mammography Imaging. The C-View software license adds the ability to create low-dose tomosynthesis studies in TomoHD (3D + C-View) and ComboHD (3D + 2D + C-View) imaging modes. Includes: • C-View Generated 2D Imaging Software License Requires: • Selenia Dimensions system with Tomosynthesis License • Selenia Dimensions system with AWS computer capable of running C-View software • Supply Selenia Dimensions serial number at time of order Necessary Training (Worldwide): • Hologic strongly recommends that radiologists attend the ICPME (www.icpme.us) webinar entitled "State of the Art Mammography: The Role of full Field Digital Imaging, Generated 2D images, and Digital Breast Tomosynthesis" prior to reading C-View. This one-hour, on demand webinar is available 24/7 at no charge. Physicians (US) can earn 1 CME. Existing Hologic C-View customers as well as new users are encouraged to attend this training.
1		KIT, SDM NEEDLE LOCALIZATION Needle Localization Kit for Selenia Dimensions Includes: Contact Localization Crosshairs (for both contact and magnification procedures) 10 cm Open Localization Paddle 10 cm Open Localization Paddle for Magnification (ASY-02385,ASY-02258,ASY-01993 & ASY-02163)
3		RACK, PADDLE STORAGE Paddle storage rack designed for use with all Selenia Dimensions configurations. Rack holds approximately 3-4 Dimensions paddles.Hologic recommends a minimum of 3 racks for Dimensions with AWS 8000 and a minimum of 2 racks for Dimensions with AWS 5000. Approximate paddle rack dimensions: Length: 36 1/4" Depth: 4" (from the wall out) Height: 7" Pitch of 12" to 14" when multiple racks are installed over each other. Price includes wall mounting bracket component. Does not include installation.
1		CENOVA 2D WITH IC CAD PROMO The R2-MOD-PROMO-CAD is a special promotion to replace iCAD or Vu-Comp CAD systems with Cenova™ system equipped with ImageChecker® CAD license(s). This promo replaces up to 4 iCAD/VuComp licenses that are installed at the facility. The iCAD or VuComp systems must be returned to Hologic, all existing customer license replacement (up to 4 per server installed at the customer site) will be included in this promo. This promo is eligible for the iCAD/VuComp license replacements that are currently installed at the facility. New CAD sales are not eligible as part of this promo.

1		CENOVA 2D TOWER SYSTEM
		The Cenova Digital Mammography Processing System hosts Image Analytics software applications. Image Analytics licenses are sold separately.
		Includes:
		- Hologic's latest Cenova Processing Unit Server
		  - Windows 7 operating system
		  - Dynamic resource management and case control
		  - Output transmission re-try mechanism
		  - Flexible output routing to multiple output destinations
		  - Computer Server (6U)
		  - Compact footprint
		  - License dongle
		- Hologic Connect remote system diagnostics software for post-installation service and applications
		     support; conforms with Verisign security
		- Note: This server can be used horizontally, and rack mounted by ordering R2ACC-2001. (R2SYS-2200-1U is a thinner server, ships with a rack mount and is preferred for rack mounting.)

		Requires:
		  - The system is designed to process 2D images only.
		  - Specify manufacturer, and model of FFDM system at time of order
		  - Verify with the Technical team that the number of licenses on a server can be adequately supported.	

1		IMAGECHECKER CAD (10.0) LICENSE FOR ONE FFDM
		The ImageChecker Digital CAD and Citra Core Software Licenses add an ImageChecker digital mammography CAD port license to a Cenova server. Provides the right to use this CAD port license to process images from a single 2D full-field digital mammography system. The Citra Core software license enables RightOn, Malc, PeerView Digital, EmphaSize and LesionMetrics features to provide additional information about why ImageChecker CAD marked specific regions.
		
		Includes:
		  • ImageChecker Digital CAD Software License, supports:
		    o Hologic, GE and Siemens Novations 2D FFDM systems
		    o Hologic C-View 2D images
		  • Citra* Core Software License supports:
		    o RightOn CAD marks placed right on the region-of-interest to unambiguously flag the location
		    o Malc CAD marks placed where the algorithm sees signs of both density and calcifications
		    o PeerView Digital to show exactly the tissue that caused CAD to mark the region
		    o EmphaSize to differentiate CAD marks that have more prominent features
		    o LesionMetrics to display additional information about the finding
		
		Requires:
		  • A Cenova server (minimum Cenova 2.4)
		  • Specify manufacturer, and model of FFDM system at time of order
		  • For CAD on C-View, Dimensions system must be minimum at v1.8.2
		  • For CAD on C-View, it is recommended that SecurView version is minimum at v8.3
		
		*Restrictions:
		  • Advanced ImageChecker CAD features such as the Malc Mark, PeerView Digital, EmphaSize and LesionMetrics require workstations that conform to proper display of those features. They can be disabled for use with other non-conformant workstations. The customer needs to check with their workstation vendor
		  • This item is for use with 2D Images only.
		  • Verify with the Technical team that the number of licenses on a server can be adequately supported.
		  • Order additional licenses for each additional FFDM system.
		
		With respect to the future development path of our products, during the warranty period and during the term of any Hologic Service Agreement, Hologic will provide, at no cost to the Customer, any commercially released software update that (i) improves the ability of any Equipment purchased under the Agreement or software purchased as part of the Equipment to function in accordance with its published specifications and (ii) does not require any new hardware or other hardware modifications. Hardware is not part of Hologic service agreements; if Hardware needs to be replaced, there will be an additional charge.
		
		This offer is entirely contingent on whether Hologic receives applicable regulatory approval for the software update, and the software update is subsequently commercially released. There are no guarantees that this will be the case, and, therefore, Hologic makes no commitment and assumes no obligation to the contrary.	

1		CAD TRAINING, INITIAL, 1 DAY, 1 SITE, MAX 10 RADS * One (1) day of Applications Training. Training for up to 10 Rads * Applications must be completed within 12 months of equipment shipment. This training cannot be performed until FFDM certification extension is received for Tomosynthesis. * Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees. * Initial Applications Added Value: $2,500.00	
1		DIMENSIONS BIOMED TRAINING, 7.5 DAYS, 1 ENGINEER Two Week Bio-Medical Service Training Class (Bedford, MA) The purpose of this class is to introduce students to the operation, theory and periodic maintenance of the Selenia Dimensions Full Field Digital Mammography system. This will be accomplished with a series of lab exercises that will build off of the successful completion of the previous exercise. Required Prerequisites include: All on site	

		Dimensions systems should be installed to at least software revision 1.7.2.x prior to students attending this class. Students should possess a basic understanding of x-rays systems, x-ray theory, and image quality. A solid foundation in basic electricity and electronics is essential. An understanding of Windows 7 is highly beneficial, as is some background in basic networking and DICOM. Cost is for tuition only. Travel, room and board at attendee's expense. Biomed training should be completed within 12 months of system shipment. Attendee (and attendee's facility mgt) will be required to sign a binding Non-Disclosure Agreement prior to acceptance into this program
1		SECURVIEW-DX 400 (STD/CLNT) SecurView DX is cleared under a 510(k) submission for display, manipulation, and interpretation of FFDM images (from any vendor), as well as other DICOM multi-modality breast images. System Specifications: High End Workstation High End, six core, Xeon Processor Windows Based System (2.0GHz or higher) 16GB High Speed RAM (3) 2TB SAS drives in RAID 5 array 10/100/1000 Base T Ethernet Network Interface Display Hardware Barco High Brightness Dual 5MP Display (Barco model MDMG-5221) with "blue base". Luminance - 1000 cd/m2. Adjustable viewing angle, I-Luminate feature. Active screen size (diagonal) 541 mm each. Dimensions with stand: 408x582-642 x 250 mm each display (this model has two displays): High End 10-bit Medical Grade Display Card for high brightness Attached Devices Multi-function Mouse Backlit Keyboard Dedicated Workflow Keypad Designed for Mammography Applications Power UPS Software Windows 7 Operating System Dedicated Mammography Based Reviewing Software (User Specific Hanging Protocols, Workflow, etc) Integrated CAD Display (CAD Software and Systems sold separately) Automated Display QC Software DICOM Connectivity - Print Store, Query/Retrieve, CAD SR Objects, Grayscale Software Presentation State Objects User Manual Installation Manual Options: Advanced Multimodality Module, Application Synchronization Module, MPE Software, SecurView DX Manager, Barcode Scanner The SecurView software may include certain third party software products and libraries. In purchasing this product, the customer agrees and accepts that such software is licensed to the customer under the existing terms and conditions of the applicable license.
1		SVDX LICENSE & ACCESSORY KIT - US
1		UPS FOR SVDX, SVRT, OR MANAGERS - US
1		MULTIVIEW MULTIMODALITY (MM) SOFTWARE AND SINGLE USER LICENSE The MultiView MM software facilitates simultaneous review of additional breast imaging modalities, such as ultrasound and MR. Includes Application Synchronization software for integration with SecurView. For synchronization with third party applications, WS-LIC-1005 must be ordered separately. Requirement: SecurView DX Workstation 8.3 or higher running on a Dell Precision 7600 computer. One or two color displays can be supported. Order separately: WS-DISP-1004 24" DICOM calibrated display or WS-DISP-1003 27" display.
1		THIRD PARTY APPLICATION SYNCHRONIZATION LICENSE FOR WS-SW-1020 The Application Synchronization option provides synchronization between SecurView

		and commonly used Reporting, Dictation, and RIS products. Application Synchronization 3.0 and later requires SecurView DX 7.0 or later to operate. The list of supported third party applications is extensive; consult your Connectivity Sales Specialist for currently supported applications. If SecurView is running on Windows 7, confirm with the Connectivity Specialist that the specific third party application is validated to run on Windows 7. For sales to customers who already own a SecurView workstation, the SecurView system serial number should be noted. (Note to Sales Admin: for serial numbers before 2980212B4085 (for SVDX-00400) and 6980212B0547 (for SVDX-0200), the kit WS-LIC-1002 should be added to the order.) If a color display is required for the third party application, this should be ordered separately from the list of supported displays.	
1		SVDX ERGONOMIC KEYPAD The SecurView keypad includes buttons for the most commonly used SecurView (DX) workstation functions, including tools for review of 3D Mammography images, with integrated trackball and scroll wheel functionality. The keypad buttons are illuminated for use in radiology reading rooms. Operates in Game Controller mode (standard) or keyboard mode (compatibility with old software) via a USB 2.0 interface. (Previous Product ID: SecurView(DX) Workflow Keypad)	
1		SECURVIEW DICOM CALIBRATED 24" COLOR DISPLAY FOR MULTIMODALITY 24" DICOM calibrated color monitor to be used in conjunction with the SecurView Multimodality option. Two monitors can be supported. Requirement: SecurView DX workstation version 7-0-0 or higher	
1		SECURVIEW DX TRAINING, INITIAL, 3 DAYS, 1 SITE, MAX 5 RADS * Three (3) Consecutive days of applications Training for up to 5 Radiologist per site. * Applications must be completed within 12 months of equipment shipment. * Please note: Cancellation must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees * Initial Applications Added Value: $5,100.00	

Warranty Information:
12 Months Parts and Labor