Line #	Description	Qty
1	**iU22 xMATRIX 2012**	1

Intelligent Design
Ergonomics:
Unique human-centered design for comfort and convenience
Fully articulating flicker-free 20-inch wide format high resolution flat panel TFT/S-IPS display with nearly infinite positioning adjustments
Fully articulating control panel, including height, swivel, and slide
Easy access transducer connectors and integrated cable storage
Digitally enhanced 8 speaker high-fidelity stereo audio
Integrated footrest
Integrated storage shelves
4 wheel swivel and swivel/brake lock control

Architecture
xSTREAM system architecture with capability of processing multiple data streams simultaneously built for 2D, 3D, 4D, MPR, Live Volume Imaging and Live xPlane imaging
Next generation digital broadband acoustic beamforming, built for latest pulse shaping and coding techniques
Up to 442,176 total digital channels
High-bit, low noise, digital circuitry achieves system dynamic range up to 180dB for improved 2D performance and increased Doppler sensitivity
New Adaptive Broadband flow imaging automatically adjusts bandwidth for optimal flow sensitivity and resolution
Next Generation SonoCT Real-Time Compounding, with Widescreen capability and up to 9 beam-steered lines of sight
XRES Adaptive Image Processing for noise and artifact reduction to improve tissue conspicuity
Fully independent, multiple mode Triplex operation

Transducers
Supports new Explora family of transducers that feature:
Ergonomic designs with lightweight flexible cables
New low-loss technology for better penetration with fewer artifacts
Breakthrough frequency bandwidths and array configurations

Intelligent Control
Interface
High-resolution interactive graphical color touch panel with adjustment for various ambient light conditions
Easy access primary controls with tri-state backlighting and multi-function controls
Control panel operation of on-board peripheral devices
Pull out alphanumeric keyboard for manual data entry
User interface configurable for languages

Automation
iSCAN intelligent one-button optimization in 2D and Doppler modes
iFOCUS intelligent focusing capability for one-button optimization of focal range size and position
iOPTIMIZE intelligent optimization technologies for one-button approach to instantly adapt

performance for different patient sizes, flow states and clinical requirements
High-Q Automatic Doppler Analysis
Intelligent Tissue Specific Imaging
Application-specific and user definable Quicktext Automatic Annotation
QuickSAVE User Defined Programs (up to 45 per transducer)
iSTIC on X6-1 allowing automated volume acquisition of cardiac cycle

Data
On-board workstation-class data management with thumbnail previews and storage of images,
loops, and reports
Retrospective and prospective clip capture to internal drive or removable media
Integrated DVD/CD burning capability for storage of DICOM images or export in JPEG and .avi for
PC compatibility
DICOM 3.0 Print and Store capability to internal drive or DVD/CD
Live Compare
DICOM Query Retrieve ability to call up and display an ultrasound image from a PACs system

Other Core Features
Color Power Angio
Tissue Harmonics and Pulse Inversion Harmonic Imaging
Basic 3D Imaging capability with MPR visualization feature
2D, M-Mode, Pulsed, High PRF, Color Flow Doppler
Duplex CW Doppler
ECG capability
Cineloop Image, M-mode and Doppler Review
High Definition Write Zoom and Read Zoom with pan features
Chroma Imaging
Measurement tools including: distance, depth, area, and circumference
Volume Flow Measurements
Ability to send X,Y & Z volume MPR's to most PACs

Smart Exam
Smart Exam provides easy to use, customizable guides that help the clinician complete studies on
every patient. An on screen menu, guides the clinician through the required views for a specific
exam type, automatically enters annotation and build the patient report.

Live 3D
Provides Live 3D software and Live xPlane software for use with xMATRIX transducers.
(xMATRIX transducers are not included and must be purchased separately).

2   **Efficiency Package 2012**   **1**

Panoramic
Real-time extended field-of-view composite imaging acquired in fundamental or SonoCT mode

Netlink DICOM 3.0
DICOM 3.0 compliant with support for the following functions: performed procedure step, storage
commit, modality worklist, vascular structured reporting, OB structured reporting, GYN structured
reporting, and cardiac structured reporting.

Auto Doppler
Auto Doppler provides: auto placement of color flow box and steering angles in relation to vascular
structures; auto sample volume placement in the area of greatest flow velocity and Auto angle
correction. Auto Doppler works on all linear transducers.

| 3 | **Radiology Pkg** | 1 |

Includes the following:

- Abdominal Clinical Option
- Gynecology Clinical Option
- Vascular Clinical Option
- Pediatric Clinical Option
- Small Parts Clinical Option
- Musculoskeletal Clinical Option
- Obstetrical Clinical Option
- Contrast Clinical Option
- Urology Clinical Option
- TCD Clinical Option
- Interventional Clinical Option
- Tissue Doppler Imaging (TDI)

| 4 | **X6-1 / C5-1 Transducer Bundle** | 1 |

X6-1 Purewave xMatrix Transducer:
Purewave xMatrix transducer with 6-1 MHz extended operating frequencies for abdominal and OB applications. Unique high density array of over 9200 fully sampled elements allows 2D, xPlane and Live volume images.

C5-1 Purewave Broadband Curved Array Transducer:
PureWave curved array transducer with 5 to 1 MHz extended operating frequency range for high performance OB/GYN, Abdominal and Interventional applications. This transducer provides exceptional clinical performance for a wide range of patient types including obese and technically challenging patients.

| 5 | **L9-3 Broadband Linear Array transducer** | 1 |

Linear Array transducer with 9 to 3 MHz extended operating frequency range for cerebrovascular and peripheral vascular applications, to include deep venous imaging. Provides unprecedented clinical performance for demanding vascular exams.

| 6 | **L15-7io Intraoperative Broadband Linear Array** | 1 |

Compact high resolution linear array transducer with 15 to 7 MHz extended operating frequency range for intraoperative vascular imaging. Also supports high-resolution superficial venous and arterial studies.

For iU22 and HD11 XE: Also validated for musculoskeletal applications.

(Requires Explora connector on HD11 XE system)

For iE33: Compact high resolution linear array transducer with 15 to 7 MHz extended operating frequency range for intraoperative vascular imaging and high resolution superficial applications, including real-time review of repairs before closure in cardiac and vascular surgeries, graft harvest investigations prior to bypass, dialysis graft evaluations and superficial venous and arterial studies

| 7 | **L17-5 Broadband Linear Array transducer** | 1 |

Ultra-fine pitch, 288 element, high resolution linear array transducer with 17 to 5 MHz extended operating frequency range for high resolution superficial applications, including small parts, breast, superficial vascular and musculoskeletal imaging.

| 8 | **English Manual** | 1 |

Operation Manual

| 9 | **1 Day PAS Onsite** | 2 |

1 Day PAS Onsite - Ultrasound system or upgrade onsite training provided by a PAS (Product Applications Specialist) for specific system applications or upgrades; not per modality. *Education is provided Monday - Friday during normal business hours.* Note: Philips Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by the appropriate healthcare professional as identified by the department director. *Repeat training for staff non-attendance will not be accepted.* Site must be patient-ready to meet training expectations. All onsite training day expires within 90 days from system or upgrade installation date. Exceptions are for 3D Stress onsite training (which expires 9 months from system or upgrade installation date) and Fusion & Needle Navigation onsite training (which expires 180 days from system or upgrade installation date).

THE NUMBER OF ONSITE TUITIONS YOU RECIEVE MAY VARY BASED ON PURCHASED OPTIONS. PLEASE CONSULT YOUR SALES REPRESENTIVE FOR FURTHER DETAILS

| 10 | **2 Day ENT ACT w/Travel** | 2 |

2 Day Entitlement ACT with Travel- The 2 Day Advanced Customer Training (ACT) course with travel consists of advanced intensive training on the selected ultrasound system and includes the corresponding travel package.

Entitlement Advanced Customer Training (ACT) Tuitions expire within 180 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

Travel & Accommodations for one (1) registered attendee. Includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for 2 days. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process.

TUITION IS ONLY VALID WHEN PURCHASING THE LIVE 3D(IE33) OR 3D/4D (IU22) CONFIGURATIONS.
opting out of any of these options will alter your education entitlements.

| 11 | **3 Day ENT 3DU w/Travel** | 1 |

3 Day Entitlement 3D University with Travel - A variety of C/V, Vascular, GI and WHC University course offerings are available to meet your clinical educational needs. These courses range from one to three days in length and offer a wide range of content matter. Please refer to the course catalog for a complete listing of all university courses that you can choose from. The 3 Day ENT 3D University Tuition includes both the tuition and the corresponding travel package.

Entitlement University Tuitions expire within 365 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

Travel & Accommodations for one (1) registered attendee. Includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for up to 3 days. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process.

TUITION IS ONLY VALID WHEN PURCHASING THE LIVE 3D(IE33), 3D/4D (IU22), AND OR ELASTOGRAPHY CONFIGURATIONS.
opting out of any of these options will alter your education entitlements.

12	**1st SVC Manual for Gov**	**1**
13	**Trade in Allowance**	**1**

Customer represents and warrants that (i) Customer has, and shall have when title passes, good and marketable title to the equipment being traded in and (ii) has the authority to effect such trade in.
Product: GE LOGIQ E9
Serial Number: 101150US1
Manufacturer: GE MEDICAL SYSTEMS