

SHIP TO: CHIEF, A&MMS B90014
V.A. Medical Center
RECEIVING WHSE BLD
2002 HOLCOMBE BLVD
HOUSTON, TX 7703

PO#: 580-B90014

Offered Products (Sales)

ARIA Radiation Oncology
Dicom Modality Worklist
TPS Eclipse Expansion
VA Interoperability
InSightive Analytics
Advantage Credits Implementation and Follow up Training
Mosiaq Data Migration
Required Off-Site Eclipse Education Classes for Commissioning-

Item	Description	Qty
Section 1 ARIA Radiation Oncology		
1.1	<p>Varian System DB Replacing 3r Party OIS</p> <p>The Varian System database is the core component of the Oncology Information System. The relational database serves as the repository for patient information and images imported to or captured by the database.</p> <p>Features:</p> <ul style="list-style-type: none"> • Varian System Database license for one (1) site with system administration • Data Segmentation license for one (1) Varian System database which provides features and tools for managing the configuration of ARIA® for sites that have more than one physical hospital, department or location to emulate in ARIA • License Package for one (1) T-Box • ARIA Unified Reporting Application (AURA) for ARIA OIS for Radiation Oncology for One (1) site <p>Prerequisites:</p> <p>For the Varian System Database:</p> <ul style="list-style-type: none"> • If present: , <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Initiate use of Smart Connect application to allow remote monitoring and service support. • A Microsoft® Active Directory Domain Controller running on an independent server • Determine and enter department data to configure the system or provide Varian Professional Services with sufficient data to configure the system for them. (Professional services are optional and may be purchased separately) <p>Notes:</p> <ul style="list-style-type: none"> • ICD-10 usage disclaimer: , • The use of ICD-10 in this Product does not imply any endorsement by WHO of any specific product. • The ICD-10 codes shall not be amended, abridged, translated, deleted or in any other way changed without the consent of WHO. • The ICD-10 codes are for the internal use of the end user. They are not to be reproduced, transmitted or distributed outside of the user's organization in any form or by any means. • ICD-10 is distributed without warranty of any kind, either express or implied. In no event shall the World Health Organization be liable for damages, including any general, special, incidental, or consequential damages, arising out of the use of ICD-10. • In the United States only: • In the United States only: , • ARIA includes the ability to cross-map ICD-9 CM and ICD-10 CM codes in v15.0 and higher using web services linking to Intelligent Medical Objects (IMO). The user accepts that the IMO service delivered with ARIA is for a period ending on May 12, 2020, unless further extended by Varian. • The T-Box <u>may not</u> be used clinically. 	1
1.2	<p>ARIA RO Smart Space</p> <p>The ARIA® for Radiation Oncology (RO) Smart Space provides basic demographic information, diagnosis, staging, radiation therapy data management, reporting, charge capture and workflow management tools for one (1) user. ARIA enables your treatment team to make informed, confident decisions for patients, and provides the tools required to effectively manage the administrative aspects of your department.</p> <p>Features:</p> <ul style="list-style-type: none"> • ARIA RO Smart Space - One (1) license for one (1) concurrent user <p>Prerequisites:</p> <ul style="list-style-type: none"> • Varian System Database v15.0 or higher; • Varian system compatible server hardware and operating system in a properly networked environment. For detailed specifications, please visit www.varian.com/hardwarespecs • Microsoft® Windows operating system installed on workstations • Microsoft® Office 2013 or 2016. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • The in-vivo interface is an additional purchasable option for ARIA Chart QA. • A Microsoft® Active Directory Domain Controller running on an independent server <p>Notes:</p> <ul style="list-style-type: none"> • ICD-10 usage disclaimer: , • In the United States only: , 	40

Item	Description	Qty
1.3	<p>ARIA Disease Mgmt Smart Space</p> <p>The ARIA® Disease Management Smart Space is a component of the oncology information system that includes the comprehensive electronic medical record (EMR) capabilities that enable clinical staff members to evaluate, monitor, record and document patient health information throughout the entire treatment process. The Documents workspace allows clinical staff to create, display and store patient related documents within the electronic medical record (EMR) including Document Approval.</p> <p>Features:</p> <ul style="list-style-type: none"> One (1) license for one (1) concurrent user <p>Prerequisites:</p> <ul style="list-style-type: none"> Varian System Database v15.0 or higher ARIA RO Smart Space Microsoft® Office 2013 or 2016 Microsoft® Windows operating system installed on workstations A properly networked environment (For detailed specifications, refer to the Network Configuration Guidelines at http://www.varian.com/hardwarespecs) <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> A Microsoft® Active Directory Domain Controller running on an independent server <p>Notes:</p> <ul style="list-style-type: none"> ICD-10 usage disclaimer: The use of ICD-10 in this Product does not imply any endorsement by WHO of any specific product. The ICD-10 codes shall not be amended, abridged, translated, deleted or in any other way changed without the consent of WHO. The ICD-10 codes are for the internal use of the end user. They are not to be reproduced, transmitted or distributed outside of the user's organization in any form or by any means. ICD-10 is distributed without warranty of any kind, either express or implied. In no event shall the World Health Organization be liable for damages, including any general, special, incidental, or consequential damages, arising out of the use of ICD-10. In the United States only: In the United States only: , ARIA includes the ability to cross-map ICD-9 CM and ICD-10 CM codes in v11MR5 and higher using web services linking to Intelligent Medical Objects (IMO). The user accepts that the IMO service delivered with ARIA is for a period ending on May 12, 2020, unless further extended by Varian. 	1
1.4	<p>Addl ARIA Disease Mgmt Smart Space</p> <p>The ARIA® Disease Management Smart Space is a component of the oncology information system that includes the comprehensive electronic medical record (EMR) capabilities that enable clinical staff members to evaluate, monitor, record and document patient health information throughout the entire treatment process. The Documents workspace allows clinical staff to create, display and store patient related documents within the electronic medical record (EMR) including Document Approval.</p> <p>Features:</p> <ul style="list-style-type: none"> One (1) license for one (1) concurrent user <p>Prerequisites:</p> <ul style="list-style-type: none"> Varian System Database v15.0 or higher ARIA RO Smart Space ARIA compatible workstation in a properly networked environment. Microsoft® Windows operating system installed on workstations Microsoft® Office 2013 or 2016. Varian System compatible server hardware. For detailed specifications, please visit http://www.varian.com/hardwarespecs <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> A Microsoft® Active Directory Domain Controller running on an independent server <p>Notes:</p> <ul style="list-style-type: none"> ICD-10 usage disclaimer: The use of ICD-10 in this Product does not imply any endorsement by WHO of any specific product. The ICD-10 codes shall not be amended, abridged, translated, deleted or in any other way changed without the consent of WHO. The ICD-10 codes are for the internal use of the end user. They are not to be reproduced, transmitted or distributed outside of the user's organization in any form or by any means. 	24

Item	Description	Qty
	<ul style="list-style-type: none"> ICD-10 is distributed without warranty of any kind, either express or implied. In no event shall the World Health Organization be liable for damages, including any general, special, incidental, or consequential damages, arising out of the use of ICD-10. In the United States only: ARIA includes the ability to cross-map ICD-9 CM and ICD-10 CM codes in v15.0 and higher using web services linking to Intelligent Medical Objects (IMO). The user accepts that the IMO service delivered with ARIA is for a period ending on May 12, 2020, unless further extended by Varian. 	
1.5	<p>ARIA Oncology Imaging Smart Space</p> <p>The Imaging Smart Space is a component of the Oncology Information System, ARIA®. This image management component of the system provides comprehensive image review to patient verify patient positioning using reference and treatment images. Enhancement and analysis tools for portal images (MV), kV and Cone Beam CT images acquired with the on-board imager are included.</p> <p>Features:</p> <ul style="list-style-type: none"> One (1) license for one (1) concurrent user <p>Prerequisites:</p> <ul style="list-style-type: none"> Varian System database v15.0 or higher ARIA RO Smart Space Image server hardware Microsoft® Windows operating system installed on workstations ARIA compatible workstation in a properly networked environment For detailed specifications, please visit http://www.varian.com/hardwarespecs <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> A Microsoft® Active Directory Domain Controller running on an independent server 	8
1.6	<p>docs2EHR Import Scanned Docs to ARIA</p> <p>Description</p> <p>The Docs2EHR software module utilizes the ARIA API and streamlines the process for scanning paper documents, and automatically assigns them to the correct patient's chart.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> - ARIA v. 11 MR5 or higher - Scanning equipment to create PDF or image documents and save them to a folder OR - Faxing equipment to create PDF or image documents and save them to a folder <p>Features:</p> <ul style="list-style-type: none"> - It is possible to select only specific pages in a PDF/Image document before importing into ARIA - It is possible to re-order pages in a PDF/Image document before importing into ARIA - It is possible to merge pages from multiple PDF/Image documents before importing into ARIA - The corresponding patient can be selected directly from the ARIA database - Documents can be sent to ARIA either in pending or approved status 	1
1.7	<p>Citrix Svc Req/Serv (Normal Bus Hrs)</p> <p>Citrix® Service Request per Server (Normal Business Hours)</p> <p>Troubleshooting Citrix XenApp™ (or Presentation Server®) implementations, or adding Citrix XenApp (or Presentation Server) Server(s) to an existing Citrix Farm intended for the addition of ARIA or Eclipse clients.</p> <p>Add one (1) or more servers to an existing Citrix Farm whereby ARIA or Eclipse clients were not previously available. - OR- Troubleshoot customer IT/S initiated Citrix implementation for the publishing of ARIA or Eclipse applications over Citrix whereby the Varian software product fails to work as intended.</p> <p>ARIA Client applications if purchased under Practice Management and Radiation Oncology will be published in a Citrix environment. Eclipse Treatment Planning Client application if purchased will be published in a Citrix environment. Review the then-current Citrix Customer Release Notes to understand a) what limitations exist with ARIA or Eclipse</p>	1

Item	Description	Qty
	<p>client applications or features when published in a Citrix farm, b) what editions of Citrix have been qualified for ARIA and Eclipse, and c) what support exists for national languages.</p> <p>XenApp (or Presentation Server) software can be installed onto multiple servers intended for a Citrix Farm. Neither Citrix licenses nor any hardware for this environment will be included.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Citrix XenApp (or Presentation Server) Licenses and adequate quantities shall be procured by the customer; • Existing Citrix XenApp (or Presentation Server) environment or later is currently available and properly configured such as but not limited to the following: (1) Citrix IMA Database, (2) Citrix Website, (3) Citrix Software, (4) Citrix Admin Accounts. • Windows Server CALs and Windows Terminal Server CALs with adequate quantities shall be procured by the customer; • Hardware compatible for a Citrix installation shall be installed in a networked environment by the customer. • Network requirements for Citrix Server; 100 MBs (1 GBs recommended) for LAN and T1 or faster for WAN (T3 is highly recommended). <p>ADDITIONAL SERVERS IN FARM HARDWARE REQUIREMENTS (sold separately):</p> <ul style="list-style-type: none"> • For a detailed description of our current hardware recommendations, please refer to the Varian website: http://www.varian.com/hardwarespecs target="_blank">www.varian.com/hardwarespecs • Varian will not be responsible for service or support for any customer purchased computer hardware or software. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Citrix compatible hardware purchased by customer (for detailed information on hardware requirements, refer to http://www.varian.com/hardwarespecs target="_blank">www.varian.com/hardwarespecs; and • A properly networked environment (For detailed information on network requirements, refer to the Network Configuration Guidelines at www.varian.com/ hardware specs) • Customer to purchase in advance appropriate quantities of Citrix XenApp (or Presentation Server) licenses, Windows Server Client Access Licenses (CAL), and Windows Terminal Server (CAL) for the Citrix environment • Varian shall be provided with remote access to the intended Citrix Server(s) • A domain account including credentials with local administrator privileges for each intended Citrix server shall be made available to Varian • Customer shall self-maintain all aspects of the Citrix environment post VARIAN's initial installation such as but not only limited to the following: (1),Adding additional Citrix licenses, and (2),Adding additional users, and (3),Adding additional Citrix server hardware, and (4),Adding Citrix server(s) to your domain, and (5),Citrix software updates and upgrades, and (6),Maintenance and Support agreements with Citrix Systems, Inc., and (7),Maintain a silo environment for ARIA and/or Eclipse clients over Citrix.Installation and Support <p>Installation of Citrix XenApp (or Presentation Server) software and Varian Client applications onto each intended server is limited to ONE (1) full business working day for the Varian Service Engineer.</p> <ul style="list-style-type: none"> • OR- Troubleshooting of customer IT/S initiated Citrix XenApp (or Presentation Server) implementation for publishing of ARIA and/or Eclipse applications over Citrix whereby the Varian software product failed to work as intended and will be limited to ONE (1) full business working day for the Varian Service Engineer. <p>If more than ONE (1) full business working day for the Varian Service Engineer is required, then additional "Citrix Service Request per Server (Normal Business Hours)" will be ordered.</p> <p>Citrix XenApp (or Presentation Server) installation and support will not be covered as part of any of VARIAN service agreement.</p> <p>Installer will train the hospital IT/IS staff on the basic fundamentals as part of the installation process if needed.</p> <p>Onsite Citrix installations will be subject to any and all additional charges related to travel on behalf of Varian at cost.</p>	

1.8	<p>ARIA T-Box</p> <p>The ARIA® T-Box is a software package intended to provide basic connectivity testing to a Hospital Information System or 3rd party treatment planning system in a non-clinical isolated evaluation environment. The T-Box <u>may not</u> be used clinically.</p> <p>Features:</p> <ul style="list-style-type: none"> • ARIA RO Smart Space Package (Five (5) concurrent users) • ARIA Disease Management Smart Space Package (Five (5) concurrent users) • ARIA Oncology Imaging Smart Space Package (Five (5) concurrent users) • Varian System database (One (1)) • DICOM RT (One (1)) • T-Box server hardware (One (1)) • On-Site Customer Installation <p>Prerequisites:</p> <ul style="list-style-type: none"> • IEM interface server (One (1)), if IEM is purchased. 	1
-----	---	---

Item	Description	Qty
	<ul style="list-style-type: none"> For detailed information on network, hardware and operating system requirements, please visit http://www.varian.com/hardwarespecs <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> ARIA compatible workstation in a properly networked environment (optional). If T-Box is to be used for HL7 connectivity evaluation, then IEM must be purchased separately. A Microsoft® Active Directory Domain Controller running on an independent server Microsoft® Office <p>Notes:</p> <ul style="list-style-type: none"> ICD-10 usage disclaimer: <ul style="list-style-type: none"> The use of ICD-10 in this Product does not imply any endorsement by WHO of any specific product. The ICD-10 codes shall not be amended, abridged, translated, deleted or in any other way changed without the consent of WHO. The ICD-10 codes are for the internal use of the end user. They are not to be reproduced, transmitted or distributed outside of the user's organization in any form or by any means. ICD-10 is distributed without warranty of any kind, either express or implied. In no event shall the World Health Organization be liable for damages, including any general, special, incidental, or consequential damages, arising out of the use of ICD-10. In the United States only: <ul style="list-style-type: none"> ARIA includes the ability to cross-map ICD-9 CM and ICD-10 CM codes in v15.0 and higher using web services linking to Intelligent Medical Objects (IMO). The user accepts that the IMO service delivered with ARIA is for a period ending on May 12, 2020, unless further extended by Varian. 	
1.9	<p>STD TRNG: ARIA</p> <p>Training is included with the purchase of ARIA. Training plan details will be provided by the training management team as part of your product implementation process.</p> <ul style="list-style-type: none"> Offer is valid for 18 months after installation of product. Training is not transferable with other products and services 	1
1.10	<p>STD TRNG: ARIA RO EMR</p> <p>Training will be included as part of the implementation plan if Clinical Assessment and Dynamic Document training has not been provided to this site.</p> <ul style="list-style-type: none"> Offer is valid for 18 months after installation. Training is not transferable with other products and services 	1
1.11	<p>STD TRNG: docs2EHR</p> <p>Training is included with the purchase of docs2EHR. Training plan details will be provided by the training management team as part of your product implementation process.</p> <ul style="list-style-type: none"> Offer is valid for 18 months after installation of product. Training is not transferable with other products and services 	1
1.12	<p>DICOM RT</p> <p>DICOM RT is a component of the Oncology Information System, ARIA. DICOM RT provides patient and image-based data transfer to/from non-Varian equipment using the standards defined by National Electrical Manufacturers Association (NEMA).</p> <p>Licenses: DICOM RT license for ONE (1) Varian System database.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> Varian System Database; and ARIA-compatible workstation in a networked environment. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> Confirm compatibility for DICOM connection by review and comparison of the DICOM conformance statement. A properly networked environment (for detailed information on network requirements, refer to the ARIA Network Configuration Guidelines at www.varian.com/aria); and ARIA-compatible hardware, if purchased by customer (for detailed information on hardware requirements, refer to www.varian.com/aria). <p>Notes:</p> <ul style="list-style-type: none"> The Varian DICOM Conformance statement can be found on the website at www.varian.com/ARIA. 	1

Item	Description	Qty
Section 2 Dicom Modality Worklist		
2.1	<p>DICOM Modality Worklist</p> <p>The DICOM Modality Worklist provides connectivity to a DICOM modality compliant system, 3rd party imaging device.</p> <p>Features:</p> <ul style="list-style-type: none"> • Query for appointments scheduled in ARIA® for (Radiation Oncology) RO • Update appointment status in ARIA for RO • Capturing of procedure codes by ARIA for RO • One (1) DICOM Modality Worklist license for one (1) DICOM modality compliant, 3rd party imaging device. <p>Prerequisites:</p> <ul style="list-style-type: none"> • DICOM RT • ARIA for RO v13.7, v15.1, or v15.5. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Customer must purchase from the external imaging modality vendor any required software, hardware, and licenses • Customer must confirm with the external imaging modality vendor that the required imaging device software version is compatible with the respective ARIA DICOM Modality Worklist interface version • Customer must ensure the 3rd party imaging device supports the DICOM Modality Service as a Service Class User (SCU). 	1
Section 3 TPS Eclipse Expansion		
3.1	<p>Multi-Criteria Optimization (MCO)</p> <p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> • MCO license for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • IMRT or VMAT planning license • One of the following hardware configurations <ul style="list-style-type: none"> ◦ A GPU (Graphics Processing Unit) enabled Eclipse calculation workstation or ◦ An Eclipse Framework agent server (FAS) 	1
3.2	<p>Multi-Criteria Optimization (MCO), Addit</p> <p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> • MCO license for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • MCO license • IMRT or VMAT planning license • One of the following hardware configurations <ul style="list-style-type: none"> ◦ A GPU (Graphics Processing Unit) enabled Eclipse calculation workstation or ◦ An Eclipse Framework agent server (FAS) 	1
3.3	<p>Multi-Criteria Optimization, (MCO) tier</p>	2

Item	Description	Qty
	<p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> • MCO license for one user <p>Prerequisites:</p> <ul style="list-style-type: none"> • MCO licenses quantity ten (10) • IMRT or VMAT planning license • One of the following hardware configurations <ul style="list-style-type: none"> ◦ A GPU (Graphics Processing Unit) enabled Eclipse calculation workstation or ◦ A GPU (Graphics Processing Unit) enabled Eclipse Framework agent server (FAS) 	
3.4	<p>Eclipse Base Integrated with ARIA</p> <p>Eclipse™ Base Integrated with ARIA® package includes installation, education courses and on-site application training</p> <p>Features:</p> <ul style="list-style-type: none"> • Varian Database <p>Prerequisites:</p> <ul style="list-style-type: none"> • Compatible ARIA version • A properly networked environment Local Area Network (1 Gb recommended, 100 Mb required). Guidelines at www.varian.com/oncology/products/software/information-systems/aria-ois-radiation-oncology?cat=resources <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • A Microsoft® Active Directory Domain Controller running on an independent server 	1
3.5	<p>Color Laser Printer</p>	1
3.6	<p>Citrix Service Req/Serv (Normal Bus Hrs)</p> <p>Citrix® Service Request per Server (Normal Business Hours)</p> <p>Troubleshooting Citrix XenApp™ (or Presentation Server®) implementations, or adding Citrix XenApp (or Presentation Server) Server(s) to an existing Citrix Farm intended for the addition of ARIA or Eclipse clients.</p> <p>Add one (1) or more servers to an existing Citrix Farm whereby ARIA or Eclipse clients were not previously available. - OR- Troubleshoot customer IT/S initiated Citrix implementation for the publishing of ARIA or Eclipse applications over Citrix whereby the Varian software product fails to work as intended.</p> <p>ARIA Client applications if purchased under Practice Management and Radiation Oncology will be published in a Citrix environment. Eclipse Treatment Planning Client application if purchased will be published in a Citrix environment. Review the then-current Citrix Customer Release Notes to understand a) what limitations exist with ARIA or Eclipse client applications or features when published in a Citrix farm, b) what editions of Citrix have been qualified for ARIA and Eclipse, and c) what support exists for national languages.</p> <p>XenApp (or Presentation Server) software can be installed onto multiple servers intended for a Citrix Farm. Neither Citrix licenses nor any hardware for this environment will be included.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Citrix XenApp (or Presentation Server) Licenses and adequate quantities shall be procured by the customer; • Existing Citrix XenApp (or Presentation Server) environment or later is currently available and properly configured such as but not limited to the following: (1) Citrix IMA Database, (2) Citrix Website, (3) Citrix Software, (4) Citrix Admin Accounts. • Windows Server CALs and Windows Terminal Server CALs with adequate quantities shall be procured by the customer; • Hardware compatible for a Citrix installation shall be installed in a networked environment by the customer. • Network requirements for Citrix Server; 100 MBs (1 GBs recommended) for LAN and T1 or faster for WAN (T3 is highly recommended). <p>ADDITIONAL SERVERS IN FARM HARDWARE REQUIREMENTS (sold separately):</p> <ul style="list-style-type: none"> • For a detailed description of our current hardware recommendations, please refer to the Varian website: http://www.varian.com/hardwarespecs • Varian will not be responsible for service or support for any customer purchased computer hardware or software. 	1

Item	Description	Qty
	<p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Citrix compatible hardware purchased by customer (for detailed information on hardware requirements, refer to http://www.varian.com/hardwarespecs target="_blank">www.varian.com/hardwarespecs; and • A properly networked environment (For detailed information on network requirements, refer to the Network Configuration Guidelines at www.varian.com/ hardware specs) • Customer to purchase in advance appropriate quantities of Citrix XenApp (or Presentation Server) licenses, Windows Server Client Access Licenses (CAL), and Windows Terminal Server (CAL) for the Citrix environment • Varian shall be provided with remote access to the intended Citrix Server(s) • A domain account including credentials with local administrator privileges for each intended Citrix server shall be made available to Varian • Customer shall self-maintain all aspects of the Citrix environment post VARIAN's initial installation such as but not only limited to the following: (1),Adding additional Citrix licenses, and (2),Adding additional users, and (3),Adding additional Citrix server hardware, and (4),Adding Citrix server(s) to your domain, and (5),Citrix software updates and upgrades, and (6),Maintenance and Support agreements with Citrix Systems, Inc., and (7),Maintain a silo environment for ARIA and/or Eclipse clients over Citrix. <p>Installation of Citrix XenApp (or Presentation Server) software and Varian Client applications onto each intended server is limited to ONE (1) full business working day for the Varian Service Engineer.</p> <ul style="list-style-type: none"> • OR- Troubleshooting of customer IT/S initiated Citrix XenApp (or Presentation Server) implementation for publishing of ARIA and/or Eclipse applications over Citrix whereby the Varian software product failed to work as intended and will be limited to ONE (1) full business working day for the Varian Service Engineer. <p>If more than ONE (1) full business working day for the Varian Service Engineer is required, then additional "Citrix Service Request per Server (Normal Business Hours)" will be ordered.</p> <p>Citrix XenApp (or Presentation Server) installation and support will not be covered as part of any of VARIAN service agreement.</p> <p>Installer will train the hospital IT/IS staff on the basic fundamentals as part of the installation process if needed.</p> <p>Onsite Citrix installations will be subject to any and all additional charges related to travel on behalf of Varian at cost.</p>	
3.7	<p>Eclipse Conversion/Promotion</p> <p>Credit for the trade-in of a third party treatment planning system for an Eclipse Treatment Planning System.</p>	1
3.8	<p>Eclipse Non-ClinT-Box Software Pkg</p> <p>A non-clinical software package for the Eclipse™ Treatment Planning system</p> <p>Features:</p> <ul style="list-style-type: none"> • Multi-modality image support • Image registration • Contouring • External beam planning • Plan evaluation • 2D brachytherapy planning • IMRT planning package <p>Notes:</p> <ul style="list-style-type: none"> • This is a non-clinical software package to be used for commissioning purposes, Eclipse Automation and for customer's internal training. • Non-Clinical systems may not be connected to the clinical database 	1
3.9	<p>INCL ED: EC201 Eclipse Comm I Admin</p> <p>INCL ED: EC201 Eclipse Comm I Admin</p> <p>Features:</p> <p>The Eclipse Administration and Physics course provides training primarily for Physicists. Depending on the facility, the course may be applicable to Dosimetrists and others responsible for initial system configuration and routine administration of Eclipse.</p> <p>The administration component of the course will focus on networking, system structure, management of user accounts and routine data backup. The physics component of the course will cover beam data requirements for the Eclipse</p>	1

Item	Description	Qty
	<p>treatment planning system. It will include sections on photon and electron beam algorithms. At the end of the course the learner will have received the instruction necessary to be able to commission basic Eclipse planning 3D system.</p> <p>Prerequisites: Medical Physicist Education</p> <p>Customer Responsibilities: Customer is responsible for all travel expenses: airfare, hotel, rental car, meals and travel incidentals.</p> <p>Notes: Includes Tuition and Materials for ONE person. Training is non-refundable and non-transferable. Offer is valid for 18 months after installation of product. Training must be taken at nearest Varian education center Length - 5 days</p> <p>For detailed course information and on-line registration, visit the Varian website at www.varian.com/index.html.</p>	
3.10	<p>INCL ED: EC101 Eclipse Basic Operations</p> <p>INCL ED: EC101 Eclipse Basic Operations</p> <p>Features: The Eclipse Operations course provides initial training for Dosimetrist, Physicists and others responsible for daily use of the treatment planning system in the clinical environment. The course will provide an overview of Eclipse structure, graphical user interface, different workspaces and tasks.</p> <p>The focus will be on the import of CT data, image registration, structure segmentation, creation and edits of plans, fields and beam modifiers and evaluation of plans. Other topics include 2D planning using the digitizer and irregular field planning, simply brachytherapy and export to the record and verify system. 3rd party software is also covered.</p> <p>Prerequisites: Experience with and knowledge of treatment planning Basic knowledge of computers and the Windows Operating system</p> <p>Customer Responsibilities: Customer is responsible for all travel expenses: airfare, hotel, rental car, meals and travel incidentals.</p> <p>Notes: Includes Tuition and Materials for ONE person. Training is non-refundable and non-transferable. Offer is valid for 18 months after installation of product. Training must be taken at nearest Varian education center Length - 5 days</p> <p>For detailed course information and on-line registration, visit the Varian website at www.varian.com/index.html.</p>	1
3.11	<p>INCL ED: EC202 Eclipse Comm II IMRT</p> <p>INCL ED: EC202 Eclipse Comm II IMRT</p> <p>Features: The course will cover IMRT planning with the Eclipse System and the delivery of IMRT using Varian dMLC. The Varian IMRT solution will be presented during the course, including the integration into the ARIA System. The course is designed for the Physicist.</p> <p>Part ONE will cover the use of the Eclipse IMRT software including the full treatment planning process with typical clinical case demonstration. Topics include IMRT planning algorithms, interfacing with other devices, definition of optimization parameters, QA parameters, and system commissioning. Part of the training course is reserved for hands-on training to covers typical clinical cases. A guest speaker will present on the use of IMRT planning in the clinical environment, clinical outcomes of IMRT, and radiobiological considerations (DVH, partial DVH, dose volume constraints).</p>	1

Item	Description	Qty
	<p>Part TWO covers delivery methods. Topics covered include a detailed description of the MLC hardware, the MLC and Clinac control systems for dynamic dose delivery, dMLC QA issues, and patient related QA procedures.</p> <p>Prerequisites: Medical Physicist Education Attendance of Eclipse Administration and Physics Course and/or Eclipse Operations Course; 2-3 month routine clinical use of Eclipse recommended</p> <p>Customer Responsibilities: Customer is responsible for all travel expenses: airfare, hotel, rental car, meals and travel incidentals.</p> <p>Notes: Includes Tuition and Materials for ONE person. Training is non-refundable and non-transferable. Offer is valid for 18 months after installation of product. Training must be taken at nearest Varian education center Length - 5 days</p> <p>For detailed course information and on-line registration, visit the Varian website at www.varian.com/index.html. Course is approved for Category "A" ASRT and MDCB continuing education credits.</p>	
3.12	<p>INCL ED: EC102 Eclipse Inv Png IMRT RA</p> <p>INCL ED: EC102 Eclipse Inverse Planning IMRT & RapidArc</p> <p>Features: The Eclipse IMRT Operations course provides instruction on inverse treatment planning with the Eclipse System. Course is designed for the Physicist and Dosimetrist.</p> <p>Course will cover the entire IMRT treatment planning process demonstrated on clinical cases such as prostate, breast and head and neck. Other topics covered are theory behind IMRT, contouring for IMRT, objectives and constraints, verification plan, data export and image registration. Majority of the course is reserved for hands-on application.</p> <p>Prerequisites: Attendance in the Eclipse Operations course Recommend 2-3 month routine clinical use of Eclipse prior to course attendance.</p> <p>Customer Responsibilities: Customer is responsible for all travel expenses: airfare, hotel, rental car, meals and travel incidentals.</p> <p>Notes: Includes Tuition and Materials for ONE person. Training is non-refundable and non-transferable. Offer is valid for 18 months after installation of product. Training must be taken at nearest Varian education center Length - 4 days</p> <p>For detailed course information and on-line registration, visit the Varian website at www.varian.com/index.html. Course is approved for Category "A" ASRT and MDCB continuing education credits.</p>	1
3.13	<p>STD TRNG: Eclipse</p> <p>Training is included with the purchase of Eclipse. Training plan details will be provided by the training management team as part of your product implementation process.</p> <ul style="list-style-type: none"> • Offer is valid for 18 months after installation. Training is not transferable with other products and services 	1
3.14	<p>STD TRNG: SMART SEGMENTATION</p> <p>Description: Standard Training Eclipse Upgrade from v10.0 and lower to v15.1</p> <p>Features: Training Plan details will be provided by the training management team as part of your product implementation process Training provided on the new features and enhancements from the current version to v15.1.</p>	1

Item	Description	Qty
	<p>The major new features covered are:</p> <ul style="list-style-type: none"> • User Home and Quicklinks • New Contouring tools and user interface • Enhanced 4D planning tools • Security changes for approval • Custom couch creation • Reference Points • DICOM Import/Export Application • New Optimization workspace and algorithm • New Structure code dictionary • mArc Siemens support • Elekta 160 Agility MLC support • Eclipse Visual Scripting • Eclipse Automation <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • The Customer resources involved in this training should include: Physicist and Dosimetrist/Treatment Planners and other staff as appropriate • Prior to the upgrade, please review the customer responsibilities document, product release notes and the Treatment Planning New Features Workbook for v11.0, v13.0, v13.5, v13.6 and v15.1. The product release notes and workbook can be found on www.MyVarian.com <p>Notes:</p> <ul style="list-style-type: none"> • Offer is valid for 18 months after installation of product • Training is not transferable with other products and services 	
3.15	<p>INCL ED: EC203 Portal Dosimetry</p> <p>INCL ED: EC203 Portal Dosimetry</p> <p>Features: The Portal Dosimetry course will cover commissioning, calibration and operation of Portal Dosimetry system. Course intended for the Physicist.</p> <p>Topics covered include introduction to Portal Dosimetry system covering hardware and software, Portal Dosimetry calibration, acquisition of portal dose images for dynamic delivery, analysis of portal dose images and recommended QA tests. Course curriculum includes practical exercises with live beam using aSi1000 Portal imager.</p> <p>Prerequisites: User of Varian PortalVision system, basic knowledge of portal Vision system Attendance in the Eclipse Administration and Physics course Recommend attendance in the Eclipse IMRT Administration and Physics course Clinical IMRT experience Medical Physicist Education</p> <p>Customer Responsibilities: Customer is responsible for all travel expenses: airfare, hotel, rental car, meals and travel incidentals.</p> <p>Notes: Includes Tuition and Materials for ONE person. Course is non-refundable and non-transferable. Offer is valid for 18 months after installation of product. Training must be taken at nearest Varian education center Length – 2.5 days</p> <p>For detailed course information and on-line registration, visit the Varian website at www.varian.com/index.html.</p>	1
3.16	<p>STD Trng: RapidPlan</p> <p>Training is included with the purchase of RapidPlan. Training plan details will be provided by the training management team as part of your product implementation process.</p> <ul style="list-style-type: none"> • Offer is valid for 18 months after installation. Training is not transferable with other products and services 	1
3.17	<p>Eclipse Non-Clinical Server Software Pkg</p>	1

Item	Description	Qty
	<p>A non-clinical Eclipse™ server base software package</p> <p>Features:</p> <ul style="list-style-type: none"> • Varian Database 	
3.18	<p>Eclipse Over Citrix</p> <p>The Eclipse Over Citrix license enables traceability of the Eclipse applications installed in to a Citrix farm.</p> <p>Notes:</p> <ul style="list-style-type: none"> • Only 1 'Eclipse Over Citrix' license is required per Citrix Farm where the Eclipse applications are installed. 	1
3.19	<p>Portal Dosimetry Review Additional</p> <p>Portal Dosimetry review for one (1) user.</p> <p>Features:</p> <ul style="list-style-type: none"> • Portal dosimetry review for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> • Portal Dosimetry Package 	1
3.20	<p>RapidArc Planning Additional</p> <p>An additional RapidArc® planning for one (1) user</p> <p>Features:</p> <ul style="list-style-type: none"> • RapidArc Planning for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> • Eclipse RapidArc Planning 	3
3.21	<p>RapidArc Planning Primary</p> <p>Eclipse™ RapidArc® Planning supports dynamic arc treatments produced through volumetric dose optimization to generate intensity modulated dose distributions in optimized arcs.</p> <p>Features:</p> <ul style="list-style-type: none"> • RapidArc Planning for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> • Interactive IMRT Planning 	1
3.22	<p>Eclipse GPU Workstation Standalone</p>	1
3.23	<p>Portal Dosimetry Package</p> <p>Portal Dosimetry provides the capability to perform pre-treatment Intensity Modulated Radiation Therapy (IMRT) or RapidArc® QA using the PortalVision electronic imager.</p> <p>Features:</p> <ul style="list-style-type: none"> • Eclipse™ portal dose calculation for one (1) user • Portal dosimetry review for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> • IMRT planning • RapidArc planning for RapidArc portal dosimetry 	1
3.24	<p>Portal Dosimetry Dose Calculation Additional</p> <p>Portal Dosimetry Dose Calculation for one (1) user.</p>	1

Item	Description	Qty
	<p>Features:</p> <ul style="list-style-type: none"> Portal Dosimetry Dose Calculation for one <p>Prerequisites:</p> <ul style="list-style-type: none"> Portal Dosimetry Package 	
3.25	<p>RapidPlan Additional</p> <p>RapidPlan™ interface for one (1) user</p> <p>Features:</p> <ul style="list-style-type: none"> RapidPlan interface for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> RapidPlan Core 	2
3.26	<p>RapidPlan Core</p> <p>RapidPlan™ Knowledge-Based Planning Software leverages a machine learning approach and provides Dose Volume Histogram (DVH) estimation models for various disease sites.</p> <p>Features:</p> <ul style="list-style-type: none"> RapidPlan interface for one (1) user DVH estimation models from Varian Model Configuration interface for user defined DVH estimation models <p>Prerequisites:</p> <ul style="list-style-type: none"> Interactive IMRT Planning 	1
3.27	<p>Eclipse Advanced Planner Desktop</p> <p>Features:</p> <ul style="list-style-type: none"> Contouring and Image Registration Tools 2D & 3D Photon Dose Calculation 4D Planning & Image Support 2D and 3D Brachytherapy Dose Calculation Conformal Arc Planning IMRT Planning Eclipse Scripting API DICOM RT/ DICOM Print <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse Calculation workstation 	6
3.28	<p>Eclipse Physicians' Desktop</p> <p>Features:</p> <ul style="list-style-type: none"> Contouring and Image Registration Tools 4D Planning & Image Support Deformable Image Registration Eclipse Scripting API DICOM RT/ DICOM Print <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse Non-Calculation 	5
3.29	<p>SmartSegmentation Knowledge Based Contouring</p> <p>Smart Segmentation Knowledge Based Contouring® provides a combined atlas and model based approach to automated segmentation of structures.</p> <p>Features:</p> <ul style="list-style-type: none"> Expert case library Anatomical atlas Expert case creation and modification <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse™ Physicians' Desktop or 	1

Item	Description	Qty
	<ul style="list-style-type: none"> Eclipse Planner Desktop or Eclipse Advanced Planner Desktop 	
3.30	<p>Acuros External Beam</p> <p>Acuros® External Beam (Acuros XB) is a photon algorithm that provides dose calculation with the equivalent accuracy as the Monte Carlo algorithm.</p> <p>Features:</p> <ul style="list-style-type: none"> Acuros XB algorithm <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse Planner Desktop or Eclipse Advanced Planner Desktop 	1
3.31	<p>GPU Framework Agent Server (FAS)</p> <p>A Framework Agent Server (FAS) that includes the necessary GPU (Graphics Processing Unit) cards required to support the Framework Agent Server GPU Algorithm license. The FAS is a high-performance server dedicated exclusively to running Varian's Eclipse Distributed Calculation Framework (DCF). FAS with DCF leverages specialized Grid Clustering power (network-based parallel processing) to optimize throughput for Eclipse planning and dose calculation in both native client/server topologies and Citrix environments. Multiple Framework Agent Servers may be configured to create a FAS Array.</p> <p>Features:</p> <ul style="list-style-type: none"> 2 GPU cards <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse v15.5 or higher <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> A properly networked environment connected at 1Gbps Server rack equipped with power supply input voltage 208V/240V AC @50/60Hz 10A Power Distribution Unit (PDU) or supply rail which outputs 208V/240V (1600W) Computer Uninterruptible Power Supply (UPS) 220V Installation of the server into the rack Installation of server into existing customer domain <p>Notes:</p> <ul style="list-style-type: none"> Server will not run on low-line 110V/120V AC Does not support Windows Server 2008R2 	6
3.32	<p>STD TRNG: MCO-Remote</p> <p>Standard Training for Multi-Criteria Optimization (also known as Trade-off Analysis). Intended audience includes physicists, dosimetrist/treatment planners and other staff as appropriate.</p> <p>Features:</p> <ul style="list-style-type: none"> Training Plan details will be provided by the training management team as part of your product implementation process. Topics covered can include: <ul style="list-style-type: none"> Workflow Plan Generation Trade off exploration Duration and Location: 2 hour remote session <p>Prerequisites:</p> <ul style="list-style-type: none"> Multi-Criteria Optimizatin installed <p>Notes:</p> <ul style="list-style-type: none"> Offer is valid for up to 18 months after installation of product Non-transferable to other products and services and non-refundable 	1
3.33	<p>Non-Clinical Portal Dosimetry Package</p> <p>Non-Clinical Portal Dosimetry provides the capability to perform pre-treatment Intensity Modulated Radiation Therapy (IMRT) or RapidArc® QA using the PortalVision electronic imager.</p> <p>Features:</p> <ul style="list-style-type: none"> Non-Clinical Eclipse™ portal dose calculation for one (1) user Non-Clinical Portal dosimetry review for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse T-Box Software Package or Eclipse Educational/Research SFW Package 	1

Item	Description	Qty
	<ul style="list-style-type: none"> Non-Clinical RapidArc planning for RapidArc portal dosimetry 	
3.34	<p>Non-Clinical RapidArc Planning</p> <p>Non-Clinical Eclipse™ RapidArc® Planning supports dynamic arc treatments produced through volumetric dose optimization to generate intensity modulated dose distributions in optimized arcs.</p> <p>Features:</p> <ul style="list-style-type: none"> Non-Clinical RapidArc Planning for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse T-Box Software Package or Eclipse Educational/Research SFW Package 	1
3.35	<p>Non-Clinical RapidPlan</p> <p>Non-Clinical RapidPlan™ Knowledge-Based Planning Software leverages a machine learning approach and provides Dose Volume Histogram (DVH) estimation models for various disease sites.</p> <p>Features:</p> <ul style="list-style-type: none"> Non-Clinical RapidPlan interface for one (1) user Non-Clinical DVH estimation models from Varian Non-Clinical Model Configuration interface for user defined DVH estimation models <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse T-Box Software Package or Eclipse Educational/Research SFW Package 	1
3.36	<p>Non-Clinical SmartSegmentation Knowledge</p> <p>Smart Segmentation Knowledge Based Contouring® provides a combined atlas and model based approach to automated segmentation of structures.</p> <p>Features:</p> <ul style="list-style-type: none"> Non-Clinical Expert case library Non-Clinical Anatomical atlas Non-Clinical Expert case creation and modification <p>Prerequisites:</p> <ul style="list-style-type: none"> Non-Clinical T-Box Software Package or Non-Clinical Educational/Research Software Package 	1
3.37	<p>Non-Clinical Acuros External Beam</p> <p>Acuros® External Beam (Acuros XB) is a photon algorithm that provides dose calculation with the equivalent accuracy as the Monte Carlo algorithm.</p> <p>Features:</p> <ul style="list-style-type: none"> Non-Clinical Acuros XB algorithm <p>Prerequisites:</p> <ul style="list-style-type: none"> Non-Clinical T-Box Software Package or Non-Clinical Educational/Research Software Package <p>Notes:</p> <ul style="list-style-type: none"> GPU dose calculation support 	1
3.38	<p>Non-Clinical Multi-Criteria Optimization</p> <p>Eclipse™ MCO is a decision support tool incorporated within the existing IMRT or VMAT optimization workflow. Trade-off exploration with MCO allows the end user to explore the impact that changing dose to a specific structure has on plan quality, target coverage, or organ at risk sparing.</p> <p>Features:</p> <ul style="list-style-type: none"> MCO license for one (1) user <p>Prerequisites:</p> <ul style="list-style-type: none"> Eclipse T-Box Software Package or Eclipse Educational/Research SFW Package Non-Clinical RapidArc Planning Workstation graphics processing unit (GPU) algorithm license or a framework agent server graphics processing unit (GPU) algorithm license 	1

Item	Description	Qty
3.39	STD TRNG: RapidArc	1

Training is included with the purchase of RapidArc. Training plan details will be provided by the training management team as part of your product implementation process.

- Offer is valid for 18 months after installation.

Section 4 VA Interoperability

4.1 VA Interoperability Package for ARIA RO 1

This package is designed to provide interoperability between the ARIA Oncology Information System (OIS) for Radiation Oncology (RO) and a Veterans Administration (VA) hospital information system.

In addition to the HL7 interfaces, as described in Features below, this package includes the following services:

- Dynamic Document Development (up to 10 documents)
- One time patient data load
- One time schedule data load

Features:

This package is a solution that ensures (partly) bi-directional data flow between ARIA RO and VA including the following HL7 interfaces:

- Transfer of Demographics data from VA to ARIA RO
- Transfer of Scheduling data in both directions
- Transfer of notes from ARIA RO to VA
- Transfer of PDFs from ARIA RO to VA

Prerequisites:

- ARIA RO v11 or higher
- Interface Exchange Manager (IEM) Interface Engine License v11 or higher
- VA Hospital Vista Electronic Medical Record (EMR) HL7 compliant system
- Ability to export and import HL7 from and to the VA hospital information system
- IEM server at the VA hospital; for server hardware requirements, dedicated to interface software, see www.varian.com/hardwarespecs

Customer Responsibilities:

- A dedicated customer contact during the interface implementation project who liaises both with Varian and the VA IT department that hosts the HIS.
- Test and validate all data that comes through the interfaces. Testing and validation will be done in a test (T-Box) environment prior to going live with the interfaces.
- Provide remote access to the Varian Medical Systems Interface Analyst/Engineer. Additional charges will apply if Varian Medical Systems Analyst/Engineer needs to visit the site.

Notes:

- Purchase includes the creation of detailed specifications, configuration and testing of sample data, and implementation of interfaces. This interface is designed to meet VA Hospital specifications and was approved for use by the VA Hospital Administration

4.2 Information Exchange Manager (IEM) RO 1

Information Exchange Manager™ (IEM) for Radiation Oncology (RO) Interface Engine Server License

The IEM Interface Engine is the essential core of logic and business rules that manages all messages and implemented interfaces to external hospital or clinic systems, billing systems and/or integration engines. It matches, filters, and/or manipulates messages based on configurable logic to support clinical business rules. It assimilates data into the appropriate Oncology Information Systems database(s) to eliminate redundant data entry and provide a comprehensive view of the oncology patient record.

Licenses: Information Exchange Manager (IEM) for Radiation Oncology (RO) for ONE (1) interface server.

Prerequisites:

- ARIA which is at the same release level as ARIA Information Exchange Manager (IEM)
- Information Exchange Manager-compatible server hardware (for a detailed description of hardware requirements, please refer to: www.varian.com/aria);

Item	Description	Qty
	<ul style="list-style-type: none"> • Varian's Smart Connect to allow for remote access for installation, updates, upgrades, monitoring, and service support. Note: sites not allowing remote connection must purchase additional on-site service and configuration with their interfaces; and • HL7 compliant third party systems (i.e. HIS, Billing, Labs or other systems). Custom interfaces are required to support non-HL7 third party systems. <p>Features:</p> <ul style="list-style-type: none"> • The IEM Interface Engine supports standard HL7 messaging, conforming to HL7 versions 2.2, 2.3 or 2.4. In the event that messages are non-HL7 compliant, a custom conversion program may be written to convert the inbound message into HL7 for processing. Other custom conversion programs can be written to convert outbound HL7 messages to non-HL7 formats for processing by third party systems; • All the systems to be interfaced must reside on the same network as the IEM Interface Engine server and Oncology Information System server(s), or have networking capability; • Software version number will be the latest at the time of shipment; and • The user cannot install any third party software on the IEM Interface Engine Server or the Oncology Information System database server(s). <p>Notes:</p> <ul style="list-style-type: none"> • All interfaces must be quoted in addition to this Interface Engine Server License, in accordance with the needs of the customer; and • To ensure that all requested interface projects are successful, the following methodology is adhered to for each interface: a),Analysis of the requirements and production of a design document and project plan. b),Review and signoff of the design document and project plan. c),Vendor installation, setup and test of HL7 component or development of custom segment (if required). d),Mapping of codes (if applicable). e),Development of a custom interface (if required). f),Configuration / setup of the test and production environments at the customer site. g),Test the communications at the customer site. h),Test the interface at the customer site. i),Customer training (up to two hours done remotely by the interface team). j),Acceptance testing and verification of results in the test environment at the customer site. k),Signoff of the test results. l),Migration of the interface into the production environment. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • The customer must have the ability to filter out non-oncology patient messages when required; • The prices do not include any additional hardware, software (such as HL7 components) or changes required to the other 3rd party systems, consulting services required from any other 3rd party, or any changes that may be required to any Varian software. It is the customer's responsibility to determine any and all additional costs from the other vendors; • Customer participation is required in every interface project. Participation could be but is not limited to assisting in analyzing data, reviewing and signing off specifications, resolve data flow issues, reviewing and signing off test results. In addition, when required, the customer will also be responsible for getting participation from the other vendors; • After the interface(s) are implemented, customer must a) monitor the interface log on an ongoing, regular basis, and b) test the interface(s) when new releases of the software are installed. Up to two hours of training on monitoring the interface log(s) is included with this item; • The customer is responsible for providing a LAN and WAN network with sufficient capacity to support the traffic between the Oncology Information System database server(s) and the IEM Interface Engine and the third party systems interfaced; and • The customer is responsible for providing a secure high speed internet connection to allow access for remote for installations, upgrades, monitoring, and service support via Varian's Smart Connect. Customers who choose to not provide remote access must purchase additional on-site installation and configuration services. 	

Section 5 InSightive Analytics

5.1	STD TRNG: InSightive Training	1
	<p>Training is included with the purchase of InSightive Analytics. Training plan details will be provided by the training management team as part of your product implementation process.</p> <ul style="list-style-type: none"> • Offer is valid for 18 months after installation of product. Training is not transferable with other products and services 	
5.2	InSightive for ARIA RO	1
	This is to provide connection of InSightive™ Analytics to ARIA RO.	

Item	Description	Qty
	<p>Prerequisites:</p> <ul style="list-style-type: none"> • ARIA Oncology Information System for Radiation Oncology v13.6 or higher and supporting databases • A dedicated server with a minimum of 32GB RAM to host the InSightive solution. See Varian website for hardware requirement specifications www.varian.com/hardwarespecs. • Customer Responsibilities: • None <p>Notes:</p> <ul style="list-style-type: none"> • A working Active Directory Domain • Internet access from the InSightive server 	
5.3	<p>InSightive Base Package w/o Data Rights</p> <p>InSightive™ Analytics is an interactive data visualization and data exploration tool that can be used to display graphs, tables, and dashboards based on aggregated data. Dashboards can be visualized in the ARIA User Home application or in a web browser.</p> <p>Features:</p> <ul style="list-style-type: none"> • A set of dashboards that showcase standard operational metrics • Data Cube that supports ad-hoc data exploration • Connection to one (1) ARIA Database <p>Prerequisites:</p> <ul style="list-style-type: none"> • ARIA Oncology Information System for Radiation Oncology/Medical Oncology v13.6 or higher and supporting databases • A dedicated server with a minimum of 32 GB RAM to host the InSightive solution. See Varian website for hardware requirement specifications www.varian.com/hardwarespecs. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • A working Active Directory Domain • Internet access from the InSightive server <p>Notes:</p> <ul style="list-style-type: none"> • This is a base package and at least one RO and/or MO connection must also be purchased. • Varian may not use and disclose any customer data for its commercial and business purposes without the consent of customer. • Professional services may only be used for InSightive. 	1
5.4	<p>InSightive RO Connection</p> <p>The InSightive RO Connection provides connectivity for a single treatment delivery system.</p> <p>Features:</p> <ul style="list-style-type: none"> • A set of Radiation Oncology (RO) dashboards that showcase clinical metrics • Data Cube that supports ad-hoc data exploration • Two (2) Named "Viewer" licenses to enable data visualization from ARIA OIS for RO User Home and from any web browser • One (1) "Editor" software license for the InSightive desktop application to create, modify and upload dashboards to ARIA and to enable ad-hoc data exploration. <p>Prerequisites:</p> <ul style="list-style-type: none"> • ARIA Oncology Information System for Radiation Oncology v13.6 or higher and supporting databases • A dedicated server with a minimum of 32GB RAM to host the InSightive solution. See Varian website for hardware requirement specifications www.varian.com/hardwarespecs. <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • A working Active Directory Domain • Internet access from the InSightive server <p>Notes:</p> <ul style="list-style-type: none"> • Pricing is based on number of active treatment delivery systems in the database 	3
5.5	<p>InSightive Additional Viewer License</p> <p>This provides an additional viewer license to an existing InSightive™ Analytics package.</p> <p>Features:</p> <ul style="list-style-type: none"> • One (1) additional named "Viewer" license to enable data visualization from ARIA OIS User Home or from any web browser. A "viewer" is a Windows Active Directory user accessing the dashboards. As 	5

Item	Description	Qty
	<p>soon as one user has to access one dashboard, a viewer license is required. A viewer can access as many dashboards as he wants, as many times as he wants.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> InSightive Base Package 	
Section 6 Advantage Credits Implementation and Follow up Training		
6.1	<p>Advantage Contract Credits</p> <p>Advantage Credits can be utilized for Varian's Professional Services, such as consulting, on-site applications training, education, and third-party services including physics services and clinical schools that are purchased through Varian. For further details, please reference the attached Terms and Conditions.</p>	
6.2	<p>Additional Advantage credits</p> <p>(Qty: 135, Credit per Qty: 1.0)</p> <p>Undefined Advantage credits</p>	135.0
6.3	<p>Product Applications Eclipse (per hour)</p> <p>(Qty: 40, Credit per Qty: 1.0)</p> <p>Additional Eclipse onsite training is available for previously trained Varian products. Sold and delivered by hours.</p>	40.0
6.4	<p>CONSULT: Hr Rate RO Consulting Services</p> <p>(Qty: 260, Credit per Qty: 1.0)</p> <p>Consulting Services are used in a variety of instances within Oncology Centers. Advisement can be provided for new or existing process workflow definition, paperless process flow (including the ARRA/HITECH initiative), new product implementation, or to streamline existing workflow with enhanced Varian product utilization.</p> <p>Based on the hours purchased a Statement of Work will be provided.</p> <p>A minimum of 24 hours must be purchased.</p> <p>Customer will be deemed to have accepted the Consulting Services after thirty (30) days from the completion date, unless Varian has received written notice of rejection within the thirty (30)-day period. Notwithstanding the foregoing, the Consulting Services will be deemed to be accepted by Customer after 18 months from the quotation signature date.</p>	260.0
6.5	<p>Product Apps Sp ARIA RadONC (per hour)</p> <p>(Qty: 60, Credit per Qty: 1.0)</p> <p>Additional ARIA Radiation Oncology onsite training is available for previously trained Varian products. Sold and delivered by hours.</p> <p><u>Total Advantage Credits for this Section: 29.0</u></p>	60.0
Section 7 Mosiaq Data Migration		
7.1	Third Party Data Migration with Analytics	1

Item	Description	Qty
	<p>The Third Party Data Migration with Analytics service allows customers to have existing Radiation Oncology data migrated from a single Mosaic®, Lantis™ or MultiAccess™ database to a new or existing single Varian database. Radiation Oncology data is transferred as a report in a PDF document accessible within the documents workspace of ARIA®. Additionally, the AURA data warehouse is populated with third party radiation oncology data in order to provide extended analytic capabilities.</p> <p>Features:</p> <ul style="list-style-type: none"> • The following data is transferred directly into ARIA: <ul style="list-style-type: none"> ◦ Base demographics ◦ Referring physician records ◦ Patient ID photo ◦ Diagnosis and staging ◦ Escribe and Escan documents ◦ Patient clinical notes • The following data elements are transferred within a report PDF document: <ul style="list-style-type: none"> ◦ Base demographics ◦ Diagnosis and staging ◦ Plan summary/details ◦ Field summary/details ◦ Treatment summary/details ◦ Reference point summary • The following data will be loaded into the AURA data warehouse: <ul style="list-style-type: none"> ◦ Plan data ◦ Field data ◦ Treatment data ◦ Reference point data <p>Prerequisites:</p> <ul style="list-style-type: none"> • Installation of SmartConnect™ to allow migration analyst to work remotely • Test system with sufficient space to accommodate migrated data • Microsoft® Word® and Adobe® Reader® installed on test system • Communications from test system to production for SQL Server® (port 1433), file sharing and ARIA Web server (port 56001) • Migration must happen to ARIA oncology information system v13.x or higher <p>Customer Responsibilities:</p> <ul style="list-style-type: none"> • Participate in consulting meetings with Varian. • One customer representative should be assigned as a lead and single point of contact. • Reconcile all issues identified in the pre-migration report as well as any issues raised during the testing phase. Varian cannot reconcile erroneous or missing data in the third-party database and Varian cannot move forward with the production migration until all issues have been resolved. • Document mapping: The database analyst will provide a list of document types stored in the third-party system – the customer (normally working with a Varian clinical consultant) must use this list to create a mapping document to specify which document types in the third-party database map to equivalent document types in ARIA. • Accept/sign off on test migration prior to production migration. <p>Notes:</p> <ul style="list-style-type: none"> • Typical timespan for the Migration Process is 8 – 12 weeks • The Migration process has the following phases: <ul style="list-style-type: none"> ◦ Pre-migration analysis ◦ Customer cleanup ◦ Test migration (repeat as necessary) ◦ Customer acceptance/Sign Off ◦ Production migration (Data will not be transferred until the source system is static and the ARIA system is live) • The data migrated into ARIA is not the legal record of treatment. The original third-party database or charts must be archived and will remain the legal record of treatment. • Treatment plans for active patients must be manually replanned and verified according to the treatment planning switchover process during the cutover to ARIA. • It must be determined which system has the master copy of ADT data (third-party database or ARIA). That is, it needs to be established whether or not the third-party system will overwrite any existing base demographic records in ARIA. • A prerequisite of all migrations is that the source database contains a consistent and unique patient ID scheme. If the migration is to an existing Eclipse™ treatment planning system/ARIA system or if IEM/ARIA Connect® interfaces are implemented, the patient ID scheme of the source system must not clash or overlap with the existing patient population. Failing to reconcile patient IDs will result in duplicated or errant merges of patient records. • Referring physician transfer: If IEM/ ARIA Connect interfaces are implemented or if there is a pre-existing library of referring physicians, the referring physician ID coming from the third-party database must match the ID coming through the interfaces and/or the ID that is already present in the existing library. If the IDs from the third- 	

Item	Description	Qty
	<p>party database do not meet this requirement, an import of this data will lead to incomplete or duplicate referring physician records.</p> <ul style="list-style-type: none"> • AURA Live Reporting: The reports produced using the AURA "Live" reports feature will not contain third-party radiotherapy data. Live reports are derived from the ARIA database. Third-party radiotherapy data resides only in the AURA data warehouse and thus cannot be included in "Live" reports. • The following data elements are not transferred: <ul style="list-style-type: none"> ◦ Treatment image data ◦ Image data – DRRs ◦ Field photos ◦ Billing data ◦ In-vivo dosimetry data ◦ Insurance data ◦ Current medication list ◦ Clinical assessments ◦ Relative couch position data for fields ◦ Vital signs data ◦ Lab data 	

Section 8 Required Off-Site Eclipse Education Classes for Commissioning-

8.1 Advantage Contract Credits

Advantage Credits can be utilized for Varian's Professional Services, such as consulting, on-site applications training, education, and third-party services including physics services and clinical schools that are purchased through Varian. For further details, please reference the attached Terms and Conditions.

8.2 ED: EC102 Eclips Inv PIng - IMRT and Rar

13.0

(Qty: 1, Credit per Qty: 13.0)

Includes Tuition and Materials for ONE Person

THIS COURSE IS DESIGNED TO BE TAKEN BY AN EXPERIENCED ECLIPSE USER. The course covers the detailed use of Inverse Plan Optimizers within Eclipse for the creation of both IMRT and RapidArc plans. During this course, the student will work through clinically relevant examples such as prostate, head and neck and metastatic spine cases, preparing them to create intensity modulated treatment plans back in the clinic. The course consists of lectures, instructor-led demonstrations, and individual hands-on exercises. This class is an operations only class designed for the personnel responsible of planning. It does not cover system and MLC Configuration, IMRT/RapidArc QA, or the physics and commissioning of any algorithms (see EC201 and EC202).

Designed for Medical Dosimetrists experienced in Eclipse

Pre-Requisites: Completion of EC101 Eclipse Basic Operations, or be able to demonstrate equivalent knowledge.

Duration and Location:

4.0 days

Varian Education Center

Las Vegas, Nevada, USA

Application has been made for MPCEC credits

Advantage Credits Eligible

Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals), unless otherwise stated.

8.3 ED:EC101 Eclipse Basic Operations

16.0

(Qty: 1, Credit per Qty: 16.0)

Includes Tuition and Materials for ONE Person

This is an operations class where key concepts will be taught with a significant amount of hands on practice on Eclipse v13.6. Time will be spent working in the software to import and export a patient; segment structures using manual and

Item	Description	Qty
	<p>automatic tools; create 3D treatment plans from scratch or from existing templates; calculate dose and evaluate plans using DVH and other tools; register CT/MRI/PET scans to one another; and prepare plans for treatment within the ARIA Environment. The goal of this course is for the learner to obtain and demonstrate the skills to perform 3D planning in Eclipse. PLEASE NOTE: THIS COURSE DOES NOT INCLUDE INSTRUCTION ON IMRT/ RAPIDARC (SEE EC102) OR SYSTEM/ALGORITHM PHYSICS AND CONFIGURATION (SEE EC201 AND EC202), AND SHOULD PRECEDE IMRT (EC102)</p> <p>Designed for Medical Dosimetrists Pre-Requisites: Clinical training in Dosimetry.</p> <p>Duration and Location: 4.5 days Varian Education Center Las Vegas, Nevada, USA Application has been made for MPCEC credits Advantage Credits Eligible</p> <p>Customer is responsible for all travel expenses (airfare, hotel, rental car, meals and travel incidentals), unless otherwise stated.</p> <p><u>Total Advantage Credits for this Section: 29.0</u></p>	