

SHIP TO: CH A&MM DEPARTMENT
 V.A. Medical Center
 UPTOWN WAREHOUSE
 1 FREEDOM WAY
 AUGUSTA, GA 30904-6285

Line #	Description	Qty
1	HQ Barco 19" Monitor High quality professional LCD color monitor (19")	28
	Providing high brightness, a wide viewing angle and accurate grayscales.	
	• Display matrix: 1280x1024	
2	Barco Calibration Tool	1
	The Barco Display Calibration tool is necessary to guarantee optimal image quality. Display calibration is important to meet the DICOM grayscale calibration standard.	
3	SQL Server 2016 SWP	1
	SQL Server 2016 Software Package. No licenses included.	
4	SQL Server 2016 Server LIC SQL Server License	5
	Needed for each SQL instance. Extra needed: user cal license per named user or device cal per device.	
5	SQL Server 2016 User CAL SQL Client Access license	40
	One required for every named user that accesses the system direct or indirectly. Only one user cal is needed per user regardless the amount of SQL servers accessed.	
6	SQL Server 2016 Device CAL SQL Device Access license	20
	One required per device that are shared among users that don't have a user cal.	
7	HP Server 1 add. RAID	3
	HPE DL360 Gen10 8-SFF CTO Server:	
	- 2x DL360 Gen10 4110 Xeon-S	
	- 4x 8GB 1Rx8 PC4-2666V-R	
	- 8x 600GB SAS 15K SFF SC DS HDD	
	- 1x HPE 9.5mm SATA DVD-RW	
	- 2x HPE 800W FS Plat Ht Plg LH Pwr Sply	
	- 1x MS WS2016 (16-Core) Std	
	- 1x MS WS2012 R2 Downgrade Std	
8	HP Workstation	14

Line #	Description	Qty
	HP Z240 Tower Workstation	
	1x Intel Core i5-6500 3.2GHz 8GB DDR4-2400 Ram nVidia P2000 4Gb 1x HP Z TurboDrive G2 256GB SSD 1x HP USB Keyboard 1x HP USB Laser mouse Win 10 Pro 64	
9	HP DAS with 16 Disks	1
	HP D3710 Direct Attached Storage Enclosure (8 Disks):	
	16x HPE 600GB SAS 12G Enterprise 15K SFF (2.5in) (14D+2P) 1x HPE Smart Array P408e-p SR Gen10 (8 External Lanes/4GB Cache) 12G SAS PCIe Plug-in Controller 1x HPE External 1.0m (3ft) Mini-SAS HD 4x to Mini-SAS HD 4x Cable 1x HPE External 2.0m (6ft) Mini-SAS HD 4x to Mini-SAS HD 4x Cable	
10	HP NAS 32TB	4
	HP EasyStore 1460 32TB SATA	
11	HP Server 2	2
	HPE DL360 Gen10 8-SFF CTO Server:	
	- 2x DL360 Gen10 4110 Xeon-S - 4x 8GB 1Rx8 PC4-2666V-R - 4x 600GB SAS 15K SFF SC DS HDD - 1x HPE 9.5mm SATA DVD-RW - 2x HPE 800W FS Plat Ht Plg LH Pwr Sply - 1x MS WS2016 (16-Core) Std - 1x MS WS2012 R2 Downgrade Std	
12	Advanced Package Upg ISCV 4	1
	This option provides an upgrade to IntelliSpace Cardiovascular 4.x Advanced Package Philips IntelliSpace Cardiovascular is a software application designed specifically with you in mind to help streamline clinical workflow and improve operational performance across your entire cardiovascular service line. The IntelliSpace Cardiovascular Workspace is at the heart of the solution and provides instant access to all relevant cardiovascular images and information anytime, virtually anywhere. *	
	* IMPORTANT NOTE: It is the user's responsibility to ensure that Philips network requirements (such as performance, VPN) for IntelliSpace Cardiovascular are met.	
	The Advanced Package includes the core application and in total 10 concurrent user licenses (production, consumption, ultrasound and vascular reporting) that provide floating access to interact with a single database for accessing patients and exams. Each concurrent user license provides access to the following applets in the IntelliSpace Cardiovascular Workspace:	
	- Search Applet - Worklists Applet - Cardiology Timeline	

Line #	Description	Qty
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- Document Viewer Applet
- Image Viewer Applet
- DICOM ECG Viewer Applet

NOTE:

- Concurrent user licenses for other clinical reporting besides ultrasound reporting, analysis, and other functionality must be ordered separately.
- For optimal image quality, Philips strongly recommends using Barco medical grade displays with all IntelliSpace Cardiovascular cardiology workspaces.
- For the latest DICOM interoperability information, refer to the IntelliSpace Cardiovascular DICOM Conformance Statement at www.philips.com.

IMPORTANT NOTE:

DSR-TIFF image studies will be converted to DICOM format before being forwarded to the external DICOM archive. Due to limitations of the DSR-TIFF format, image studies that are acquired as DSR-TIFF but archived as DICOM will lose color suppression and 3D ultrasound volumes when retrieved from the external DICOM archive. Measurements that were performed on the DSR-TIFF image studies will still be present on the DICOM version of the images following retrieval from the archive. Measurements will also be available via clinical reports stored in the IntelliSpace Cardiovascular database. There may be other limitations when utilizing an external DICOM archive. Customers are advised to consult with their Philips representative for further information.

13	Diagnostic Guidance	1
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IntelliSpace Cardiovascular Diagnostic Guidance

IntelliSpace Cardiovascular Diagnostic Guidance is an application that allows users to create rules to define relationships among finding codes, measurements and other items that are used within ultrasound reporting and to execute these rules on these items during reporting. The tool warns users of conflicts, errors, omissions or patterns that would otherwise go unreported or mistakenly reported and allows them to review their interpretations before report finalization.

The tool has two uses:

- Evaluate the rules in these Rulesets against the data in the currently opened study. This allows contradictory findings, recommended findings, out-of-limits measurements, and other items to be flagged for the user, allowing changes to be made before study finalization.
- Alternatively, the RuleSet can be evaluated retrospectively against the contents of the clinical database. Rule violations in all pertinent prior studies can be found using this technique, and reports in various formats can be generated.

Notes

- Requires IntelliSpace Cardiovascular Core Software

14	EMR/HIS Context Launch	1
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IntelliSpace Cardiovascular EMR/HIS Context Launch

The IntelliSpace Cardiovascular EMR/HIS interface option facilitate the patient centric or procedure centric launch into IntelliSpace Cardiovascular from certain electronic medical record (EMR) systems. Launching into the Workspace can be done in the patient centric view in patient context or procedure context as well as directly into the imaging workflow environment in procedure context. The technical implementation of the interface requires customization of the EMR/HIS system. Implementation and set-up information is available on request. Deploying IntelliSpace Cardiovascular as a component of an institution's EMR solution provides clinical users with improved workflow and enhanced patient care delivery by accessing patient exams directly on IntelliSpace Cardiovascular from within the EMR/HIS application. The corresponding IntelliSpace Cardiovascular review or reporting application will launch when the exam is selected

Line #	Description	Qty
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in the EMR/HIS.
NOTES:

- Users accessing IntelliSpace Cardiovascular from within the EMR/HIS will require IntelliSpace Cardiovascular concurrent user licenses. It is strongly recommended that local utilization patterns, including peak loads, are taken into careful consideration when determining the proper amount of IntelliSpace Cardiovascular concurrent user licenses needed.
- NOTE: Exam download speeds and system performance over a particular network configuration are dependent on the available network bandwidth. Realistic expectations regarding performance must be established.

Notes

- Optional software licenses and configuration services for the EMR/HIS system may be required. The customer is responsible for all arrangements and associated costs
- Requires IntelliSpace Cardiovascular Core Software.

15	PDF Import Tool	1
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IntelliSpace Cardiovascular PDF Import Tool

The PDF Import Tool allows users the ability to import any PDF into IntelliSpace Cardiovascular which then creates an icon for the date and study type on the Cardiology Timeline and makes the document available for viewing via the Document Viewer Applet. Any document which is not a PDF, must first be converted to a PDF in order to use this tool.

Notes

- Requires IntelliSpace Cardiovascular Core Software.

16	ISCV Advanced Upgrade Training Service	1
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This item represents the ISCV Advanced Upgrade Package. The Statement of Work (SOW) or Project Scope Document (PSD) describes the deliverables.

17	2 Diagnostic Guidance - Basic	1
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Features

This consulting service is designed to ensure an optimized outcome following the deployment of the Diagnostic Guidance tool. Philips consultants will train the customer in the features, functionality and application of the Diagnostic Guidance Tool as well as assist the customer with Diagnostic Rule creation to optimize report accuracy.

Engagement Deliverables

The following is a summary of deliverables that the customer could expect:

- Diagnostic Guidance license installation and verification on test and production systems
- Training on Diagnostic Guidance software module.
- Instruction and assistance in the configuration, testing and verification of up to 10 rules utilizing the Diagnostic Guidance configuration tool (These 10 rules include suggested rules in support of ASE reporting standards)
- Best practice and Diagnostic Guidance rule development recommendations

18	ISCV Advanced Upg Implementation Svc	1
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Line #	Description	Qty
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19	ISCV PDF Import Tool Implementation Svc	1
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20	ISCV EMR Context Launch Impl Services	1
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21	CV Solutions Upgrade Core	1
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This option facilitates the conversion of Xcelera Connect platform to the IntelliBridge Enterprise platform. IntelliBridge Enterprise provides a single platform for bi-directional communications between Xcelera, IntelliSpace ECG and your department and hospital systems, both clinical and administrative. The core solution consists of Orion Rhapsody Integration Engine and the Integration API Extension products and includes a test server license.

Requires:

- Customer already owns Xcelera Connect and associated interfaces
- NITD622 Xcelera/Echo to IBE Upgrade Workflow to be selected
- Xcelera 3.3 or newer
- Microsoft Windows 2008 server R2
- Microsoft SQL 2008 R2
- Installation as member of the same domain as Xcelera Professional services charges are applicable for IBE core and interfaces for customers not under service contracts and upgrade programs with eligible upgrades for like for like conversions of interfaces

Requires:

- NITD622 Xcelera/Echo to IBE Upgrade core

Note:

- Professional Services charges apply

22	Xc/Echo to IBE Upgr. Workflow	1
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This option facilitates workflow in an Xcelera/ Echo workflow environment for the replacement of XceleraConnect.

Requires:

- NITD621 CV solutions Upgrade Core option

23	Convert ADT Interface	1
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Line #	Description	Qty
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Select this option if converting a legacy ADT interface.

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

Note:

- Professional Services charges apply

24	Convert Query ADT IF	1
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Select this option if converting a legacy query ADT interface

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

Note:

- Professional Services charges apply

25	Convert Orders Interface	1
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Select this option if converting a legacy Orders interface.

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

26	Convert Study Not. IF	1
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Select this option if converting a legacy Study Notification interface.

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

Note:

- Professional Services charges apply

27	Convert Clin Disc Data IF	1
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Line #	Description	Qty
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Select this option if converting a legacy Clinical Discrete Data interface.

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

Note:

- Professional Services charges apply

28	Convert ICL IF Bundle	1
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Select this option if converting a legacy ICL interface.

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

Note:

- Professional Services charges apply

29	Convert DMWL	15
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Select this option if converting a legacy DMWL interface for like for like modality supported numbers

Requires:

- NITD621 CV solutions Upgrade Core option on first conversion
- NITD622 Xcelera/Echo to IBE Upgrade core on first conversion

Note:

- Professional Services charges apply

30	Patient Allergies Update	1
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The Patient Allergies Update interface allows IntelliSpace Cardiovascular to receive and display patients' allergies in the cardiology timeline. The information is received from compatible Hospital Information Systems (HIS) or Electronic Medical Record (EMR), via through patient or order messages (HL7 ADT or ORM).

This option requires the HL7 Inbound ADT Interface and/or the HL7 Inbound Orders Interface.

31	3rd P. Report Timeline IF	1
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Line #	Description	Qty
	<p>IMPORTANT: You can only quote a 3rd Party Report Timeline interface, if your counterpart in the market from Customer Operations has reviewed and approved the customer requested workflow to quote the validated 3rd party system interface.</p> <p>The 3rd party Interoperability capability of IntelliSpace Cardiovascular supports the processing of (HL7) ORU or MDM report messages from a 3rd party to populate correlated cardiovascular reports (from the 3rd party) onto the cardiology timeline and to facilitate the launching of these reports from within IntelliSpace Cardiovascular with or without the WebAPI. Refer to the HL7 Interface definitions for IntelliSpace Cardiovascular for detailed info and examples of the (HL7) ORU or MDM message.</p>	

32	<p>ISCV 3rd Party ECG Support Impl Svc</p> <p>3rd Party ECG Support Implementation</p>	1
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Overview

This service provides installation of the 3rd party ECG support interface license and configuration of the ISCV system to support the processing of HL7 Study Notification messages from a 3rd party ECG management system to populate ECG studies onto the cardiology timeline and facilitate the launching of these studies from within ISCV if supported by the 3rd party vendor system. Support from the hospital or ECG management system vendor may be needed to configure the ECG management system to launch.

Engagement Deliverables

- Installation of ISCV 3 party ECG support interface license
- Configuration of ISCV for viewing of ECG studies in 3 party ECG management system

Engagement Completion Criteria

- Verification by the Philips Consultant of the population of ECG test studies to the ISCV cardiology timeline
- Verification by the Philips Consultant that the ISCV can launch 3rd party ECG management system if supported by the 3 party vendor

Customer Responsibilities

- Designate a principal contact that is familiar with the 3 party ECG management system to make any configuration changes necessary on that system
- Client will verify that their 3 party ECG management system is at the required version of the software needed to interface to ISCV
- If the ECG management system is not at the required version needed to interface with ISCV, client will take responsibility including all associated costs to upgrade the system to the needed version
- Provide appropriate identification and access for the Philips Consultant(s) to access your site and ISCV system.

Line #	Description	Qty
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- Make personnel and equipment available for testing

Estimating Assumptions on Work

Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

33	ISCV ICL Interface Impl Services	1
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IntelliBridge Enterprise ISCV: Integrated Cath Lab Implementation

Overview

This service provides implementation of the interfaces necessary for the Integrated Cath Lab (ICL). This combination of interfaces, exchanging information in HL7 and DICOM formats, allows for seamless integration between Xper, the Cath modality and IntelliSpace Cardiovascular in the ICL environment.

In the DICOM information model, a study can have many series, and a series can have many images. A study is uniquely identified by its StudyInstanceUID (SUID). Some modalities can send images in 2 different modes:

- 1) Regular or non-trickle mode: In this mode, the modality is configured not to send any images until the entire study is complete. As a result, there should be only one Study Receive Notification [SRN] generated for each study. As documented in IntelliBridge Enterprise Interface Specifications, the SRN will contain, among other things, the patient name, MRN, modality type, and the SUID.
- 2) Streaming or trickle mode: In this mode, the modality is configured to send images immediately. It appears that an entry is created in the _Study_Availability_Notification table, when the first image is completed. The IntelliBridge Enterprise, on a regular basis queries this table. For every entry in this table it would create an SRN, and then clear that entry from the table after the SRN is generated. It is observed that if the images were coming over to IntelliSpace Cardiovascular fast enough (timing), there would be only one SRN generated. It is speculated that this happens due to these images producing the same entry in the availability table. Otherwise, there might be multiple SCNs generated for the same study.

From the workflow perspective, upon receiving the SRN, the receiving system should: 1) filter out and process the SRN message depending on the modality type and 2) always process the SRN based on the assumption that there might be multiple SRNs for the same study.

Engagement Deliverables

- Installation of the IntelliBridge Enterprise Study Notification interfaces
- Testing and verification of the IntelliBridge Enterprise Study Notification Interfaces remotely by Philips in conjunction with a technical and clinical resource at the facility

Engagement Completion Criteria

Line #	Description	Qty
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Verification by Philips that the IntelliBridge Enterprise Study Notification Interfaces can process studies through Xper, Cath modality and IntelliSpace Cardiovascular in test and production environments

Customer Work Contributions

- Provide representative of clinical department knowledgeable of clinical workflow that can verify data within IntelliSpace Cardiovascular, Xper, and the modality
- Make personnel and equipment available for testing
- Provide list of orderable procedures that may be received by the IntelliBridge Enterprise System

Estimating Assumptions on Work

- The IntelliBridge Enterprise Study Notification Interfaces are delivered concurrently with implementation of Xper Information Management or IntelliSpace Cardiovascular System if purchased with the Xper or IntelliSpace Cardiovascular System
- Once implementation has begun, no significant changes that directly impact the Study Notification development will be made to the HIS/RIS, modalities or network topography until
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network
- Xper IM is at revision 2.1 or higher

Limitations on Work

- Mapping will be done at the time of interface implementation and is an iterative process through the testing period
- Mapping is limited to those fields available to IntelliBridge Enterprise as identified in the interface specification document

34	CV Solutions Core Implementation Services	1
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This item represents the ISCV CV Solutions Core implementation services. The Statement of Work (SOW) or Project Scope Document (PSD) describes the implementation deliverables.

35	ISCV Query ADT IF Impl Services	1
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IntelliBridge Enterprise: Query ADT Interface Implementation

Overview

This service provides implementation of the IntelliBridge Enterprise Query Admission, Discharge, and Transfer (ADT) interface. The Query ADT Interface sends an ADT Query message to a third party HL7 engine to request ADT information for a specific patient. Specific details on this interface module may be found in the IntelliBridge Enterprise HL7 specification.

Engagement Deliverables

- Installation of the IntelliBridge Enterprise Query ADT Interface

Line #	Description	Qty
	<ul style="list-style-type: none"> • Testing and verification of the IntelliBridge Enterprise Query ADT Interface remotely by Philips in conjunction with a technical and clinical resource at the facility 	

Engagement Completion Criteria

Verification by Philips that the IntelliBridge Enterprise Query ADT Interface can send Query ADT messages to a third party system and that the IntelliBridge Enterprise can process the returning message which conform to Philips Query ADT message specifications via TCP/IP communication for the test and/or production environments

Customer Responsibilities

- Provide interface analyst able to make mapping changes on HIS or enterprise integration engine needed to make HL7 transactions match the Philips specifications when needed
- Provide a clinical resource for verification of data as it is populated in Philips application
- Make personnel and equipment available for testing

Estimating Assumptions on Work

- The IntelliBridge Enterprise Query ADT Interface is delivered concurrently with Philips solution
- Once implementation has begun, no significant changes that directly impact the Query ADT Interface development will be made to the HIS or network topography until development is complete
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

Limitations on Work

- Mapping will be done at the time of interface implementation and is an iterative process through the testing period.
- Mapping is limited to those fields available to IntelliBridge Enterprise as identified in the interface specification document

36	ADT Interface Impl Services	1
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Overview

This service provides implementation of the IntelliBridge Enterprise Admission, Discharge, and Transfer (ADT) interface. The ADT module receives inbound ADT messaging. Specific details on this interface module may be found in the IntelliBridge Enterprise HL7 Specification.

Engagement Deliverables

- **Coordination of all activities between the customer’s project leader and Philips resources**
- **Project kickoff meeting, conducted as a telephone conference, to discuss project plan, work breakdown scheduling, and resource assignments**

Line #	Description	Qty
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- Installation of the IntelliBridge Enterprise ADT module
- Testing and verification of the IntelliBridge Enterprise ADT module remotely by Philips in conjunction with a technical and clinical resource at the facility

Engagement Completion Criteria

- Verification by Philips that the IntelliBridge Enterprise ADT module can import and utilize ADT messages for the test and/or production environments; which conform to Philips ADT message specifications, via TCP/IP communication

Customer Responsibilities

- Provide interface analyst able to make mapping changes on HIS or enterprise integration engine needed to make HL7 transactions match the Philips specifications when needed
- Provide a clinical resource for verification of data as it has been populated in Philips application
- Make personnel and equipment available for testing

Estimating Assumptions on Work

- The IntelliBridge Enterprise ADT module interface is delivered concurrently with implementation of the Philips solution
- Once implementation has begun, no significant changes that directly impact the ADT development will be made to the HIS/RIS or network topography until development is complete
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

Limitations on Work

- Mapping will be done at the time of interface implementation and is an iterative process through the testing period
- Mapping is limited to those fields available to IntelliBridge Enterprise as identified in the interface specification document

37	<p>ISCV Clinical Discrete Data IF Impl IntelliBridge Enterprise: Clinical Discrete Data Interface Implementation</p>	1
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Overview

This service provides implementation of the IntelliBridge Enterprise Clinical Data interface. The Clinical Data Interface exports discrete clinical data via HL7 format (multiple OBX lines) via

Line #	Description	Qty
	TCP/IP. Specific details on this interface module may be found in the IntelliBridge Enterprise HL7 specification.	

Engagement Deliverables

Installation, configuration, testing, and verification of the IntelliBridge Enterprise Clinical Data interface software

Engagement Completion Criteria

Verification by Philips that the IntelliBridge Enterprise Clinical Data interface can export Clinical Discrete Data messages from the test and/or production environments; which conform to the selected Clinical Discrete Data message specifications, via TCP/IP communication

Customer Responsibilities

- Provide interface analyst able to make mapping changes on HIS or enterprise integration engine needed to make HL7 transactions match the Philips specifications when needed
- Provide a resource for verification of data as it has been populated in the receiving system.
- Make personnel and equipment available for testing

Estimating Assumptions on Work

- The IntelliBridge Enterprise Clinical Data interface is delivered concurrently with implementation of the Philips solution
- Once implementation has begun, no significant changes that directly impact the Clinical Data interface development will be made to the receiving system or network topography until development is complete
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

Limitations on Work

- Mapping will be done at the time of interface implementation and is an iterative process through the testing period.
- Mapping is limited to those fields available to IntelliBridge Enterprise as identified in the interface specification document

38	ISCV Study Notification IF Impl Services	1
	IntelliBridge Enterprise ISCV: Study Notify Implementation	

Overview

This service provides implementation of the interfaces necessary for the Outbound Study Notify interface. In the DICOM information model, a study can have many series, and a series can have many images. A study is uniquely identified by its StudyInstanceUID (SUID). Some modalities can send images in 2 different modes:

- 1) Regular or non-trickle mode: In this mode, the modality is configured not to send any images until the entire study is complete. As a result, there should be only one Study Receive Notification [SRN] generated for each study. As documented in IntelliBridge Enterprise Interface

Line #	Description	Qty
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Specifications, the SRN will contain, among other things, the patient name, MRN, modality type, and the SUID.

2) Streaming or trickle mode: In this mode, the modality is configured to send images immediately. It appears that an entry is created in the _Study_Availability_Notification table, when the first image is completed. The IntelliBridge Enterprise, on a regular basis queries this table. For every entry in this table it would create an SRN, and then clear that entry from the table after the SRN is generated. It is observed that if the images were coming over to IntelliSpace Cardiovascular fast enough (timing), there would be only one SRN generated. It is speculated that this happens due to these images producing the same entry in the availability table. Otherwise, there might be multiple SCNs generated for the same study.

From the workflow perspective, upon receiving the SRN, the receiving system should: 1) filter out and process the SRN message depending on the modality type and 2) always process the SRN based on the assumption that there might be multiple SRNs for the same study.

Engagement Deliverables

- Installation of the IntelliBridge Enterprise Study Notification interface
- Testing and verification of the IntelliBridge Enterprise Study Notification Interfaces remotely by Philips in conjunction with a technical and clinical resource at the facility

Engagement Completion Criteria

Verification by Philips that the IntelliBridge Enterprise Study Notification Interfaces can process studies through an HL7 simulator

Customer Responsibilities

- Make personnel and equipment available for testing
- Provide list of orderable procedures that may be received by the IntelliBridge Enterprise System

Estimating Assumptions on Work

- Once implementation has begun, no significant changes that directly impact the Study Notification development will be made to the HIS/RIS, modalities or network topography until development is complete
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

Limitations on Work

- Mapping will be done at the time of interface implementation and is an iterative process through the testing period
- Mapping is limited to those fields available to IntelliBridge Enterprise as identified in the interface specification document

Line #	Description	Qty
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Overview

This service provides implementation of the IntelliBridge Enterprise Orders Interface. The Orders Interface receives inbound orders messaging and provides the data to the Philips application. Specific details on this interface may be found in the IntelliBridge Enterprise HL7 specification.

Engagement Deliverables

- Installation, testing, and verification of the IntelliBridge Enterprise Orders Interface software

Engagement Completion Criteria

- Verification by Philips that the IntelliBridge Enterprise Orders Interface can import and utilize orders messages for the test and/or production environments; which conform to Philips ORM message specifications, via TCP/IP communication

Customer Responsibilities

- Provide interface analyst able to make mapping changes on HIS or enterprise integration engine needed to make HL7 transactions match the Philips specifications when needed
- Provide a clinical resource for verification of data as it has been populated in Philips application
- Make personnel and equipment available for testing
- Provide list of orderable procedures that may be received by the IntelliBridge Enterprise system
- Assure Philips applications are at the appropriate software revision for compatibility with IntelliBridge Enterprise

Estimating Assumptions on Work

- The IntelliBridge Enterprise Orders Interface and services are delivered concurrently with implementation of the Philips solution
- Once implementation has begun, no significant changes that directly impact the Orders development will be made to the HIS/RIS or network topography until development is complete
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

Limitations on Work

Line #	Description	Qty
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- Mapping will be done at the time of interface implementation and is an iterative process through the testing period
- Mapping is limited to those fields available to IntelliBridge Enterprise as identified in the interface specification document

40	ISCV DML Site Interface Impl Svc	1
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Overview

This service provides the installation of IntelliBridge Enterprise DICOM Modality Worklist Management (MWLM) Software package for the specified number of DICOM modalities. The software provides the required components to facilitate HL7 orders to DICOM Modality Worklist Management. Specific details on the interface component are found in the IntelliBridge Enterprise HL7 Specification and IntelliBridge Enterprise DICOM Conformance Statement.

Engagement Deliverables

Installation, testing, and verification of the IntelliBridge Enterprise DICOM Modality Worklist Management Software license

Engagement Completion Criteria

- Verification by Philips that the IntelliBridge Enterprise DICOM Modality Worklist Management software can process Orders messages, which conforms to Philips Orders message specifications and the DICOM modalities to successfully query for the DMWL
- In the absence of an Orders system and DICOM modalities, Philips verifies functionality using an HL7 message simulator and DICOM modality simulator

Customer Work Contributions

- Provide interface analyst able to make mapping changes on HIS or enterprise integration engine needed to make HL7 transactions match the Philips specifications when needed
- Make personnel and equipment available for testing
- Verify all modalities are capable and licensed for DICOM Modality Worklist
- Provide Philips with DICOM Conformance Statement for any non-Philips modalities upon request
- Customer responsible for modality configuration to point to IntelliSpace Cardiovascular image server

Estimating Assumptions on Work

- IntelliBridge Enterprise DICOM Modality Worklist Management Software and Services are delivered concurrently with implementation of the Philips solution
- Before delivery of software and services occurs, site must be accessible through the Philips Remote Services Network

Line #	Description	Qty
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Limitations on Work

Services do not include reconfiguration or mapping of fields to deviate from the specifications described in the IntelliBridge Enterprise DICOM Modality Worklist Specification

41	Onsite ISCV PS Hours (8 Hours) IntelliSpace Cardiovascular Application Training, Onsite – 8hrs	12
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Overview

A Philips Consultant(s) will provide IntelliSpace Cardiovascular application training to physicians, technologists, sonographers, and administrative staff on how to master new ways for collecting, analyzing, reporting, archiving, and maintaining clinical data within the IntelliSpace Cardiovascular application. Philips uses a “train the trainer” approach to the IntelliSpace Cardiovascular application training.

Engagement Deliverables

- A customer specific training plan is developed
- A maximum of one (1) eight-hour day of training per quantity of service purchased, delivered consecutively during a single event.
- The number of training sessions held within the training day and the hours of training delivered per session varies depending on the knowledge base and speed of learning of the attendees.
- Philips will provide a training checklist for trainees to manage the delivery of the training objectives. The training objectives may vary by customer need.

Engagement Completion Criteria

- Training checklist of objectives is delivered to the respective customer designated trainees.
- Philips Consultant has delivered a maximum of eight (8) hours of IntelliSpace Cardiovascular onsite application training.

Customer Responsibilities

- Customer should designate a clinical contact as the focal point to lead and coordinate scheduling.
- To provide a trained and satisfied group of users, Philips requests that trainees clear their schedules to ensure focused availability during training sessions.
- Customer should designate a person(s) to act as the resident IntelliSpace Cardiovascular expert following the clinical training. This person(s) will be available to train with the Philips Consultant the entire training period. Following initial sessions on all aspects of the configuration and setup, this person(s) will assist in training additional staff.
- Training days will be scheduled in advance. Philips should be notified in advance of any cancellation or rescheduling of the scheduled training dates.
- Attendees must be familiar with basic PC and Microsoft Windows application skills and well versed with digital image acquisition as defined by their departmental modality devices.

Estimating Assumptions on Work

Line #	Description	Qty
	<ul style="list-style-type: none"> Customer personnel and resources, defined in the project plan are made available at the times defined by the project plan. IntelliSpace Cardiovascular software purchased and system installed before delivery of this service. Maximum of eight hours of training delivered in a single event 	

42	<p align="center">Custom Adv. Analytics Reporting - Basic</p> <p>Custom Advanced Analytics Report Consulting - Basic</p>	1
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Overview

This consulting service is designed to assess, align and support customer’s clinical reporting and data needs with Microsoft Advanced Analytics in conjunction with IntelliSpace Cardiovascular. Throughout this engagement, a Philips Consultant will confer with the customer to understand the type of data required to meet organizational goals and requirements, review and analyze current data reporting methods, provide specific recommendations to optimize data reporting capabilities and test queries for desired results.

Engagement Deliverables

- A maximum of forty-eight (48) hours of consulting services to be delivered through a combination of remote and onsite activities.
- The following is a summary of deliverables the customer can expect:
 - Analysis current data reporting practices
 - Assess current and future operational and management reporting data needs and requirements
 - Recommendations, standards and best practices to optimize data mining with IntelliSpace Cardiovascular Advanced Analytics
 - Design and provide data queries to capture key performance indicators based on consultative process
 - Test and validate Advanced Analytics queries

Engagement Completion Criteria

- Philips Consultant has delivered a maximum of forty-eight (48) hours of Advanced Analytics consulting services.

Customer Responsibilities

- Customer will designate appropriate clinical resource(s) with in-depth knowledge of all aspects of departmental workflow, data reporting needs and requirements, and the authority to represent the needs of the department and clinical end users.
- Provide required information on departmental operations, staffing, processes and analytical metrics objectives.
- Customer will work with Philips Consultant to establish consultative and testing schedules.
- Customer contact should possess knowledge of the IntelliSpace Cardiovascular application.

Line #	Description	Qty
	<ul style="list-style-type: none"> Customer to provide necessary information and analytical metrics objectives as required to determine data query sets. All project activities will be scheduled in advance. Philips should be notified, in advance, of any cancellation or rescheduling of confirmed dates. 	

Estimating Assumptions on Work

- A maximum of forty-eight (48) hours of consulting services will be delivered.
- Customer personnel and resources, defined in the project plan, are made available at the times defined by the project plan.
- Client- provided materials and information are accurate, complete and convey in a timely manner.
- Philips Healthcare and client will jointly contribute expertise to this project.
- This service is delivered using a combination of onsite and remote work by Philips Consultants.
- IntelliSpace Cardiovascular software purchased and system must installed before delivery of this service.
- Travel days for Philips Consultants are Monday and Friday.

Limitations

- All services will be delivered during the normal Philips business day, between 8am and 5pm local time (excluding holidays).
- Additional hours are available for purchase.

43	Cardiac US Report Customization Svc	1
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Overview

A Philips Consultant provides IntelliSpace Cardiovascular report configuration services for use in displaying, printing and storing your cardiovascular ultrasound results and diagnostic interpretations using the IntelliSpace Cardiovascular Information Management System.

Engagement Deliverables

- A maximum of twenty-four (24) hours of training, consulting and report customization to selected reports utilized with IntelliSpace Cardiovascular.**

Engagement Completion Criteria

- Philips Consultant has delivered a maximum of twenty-four (24) hours of training/consulting prior to go-live.**
- Selected report templates and reporting profiles have been configured, tested and accepted prior to go-live.**

Customer Responsibilities

Line #	Description	Qty
•	Customer will designate a clinical contact to lead and coordinate scheduling.	
•	Customer will designate a Key User with the knowledge and authority to represent the clinical reporting needs and requirements of the organization and the clinical end-user.	
•	In accordance with Philips “train the trainer” methodology and following completion of clinical application training, Key User(s) will assist in training any additional users.	
•	Customer will work with Philips to establish training plan schedule.	
•	Customer to schedule user training based on the mutually-agreed upon training plan.	
•	Customer will identify resource(s) to attend Clinical Configuration Training and to serve as the Key User(s) for system configuration.	
•	Key User(s) must be available to train with the Philips Consultant throughout the duration of scheduled training period.	
•	Required E-learning must be completed prior to the commencement of onsite applications training. Failure to complete required e-learning may result in a delay or efficacy of onsite training.	
•	Customer clears training participant’s schedules and release them from patient-care responsibilities allowing them to focus without distraction during training.	
•	Customer is responsible to test and accept report configuration prior to go-live.	
•	Jointly, Key User and Philips Consultant will test reports to ensure data flows from the IntelliSpace Cardiovascular system database to the appropriate location on the report prior to the Go-Live event.	
•	Following delivery of report customization service, the Key User is responsible for creation of additional customer-specific findings codes and/or report modifications.	
•	Key User(s) will act as the resident IntelliSpace Cardiovascular expert(s) following the clinical training, and will be responsible to provide on-going departmental training and support following project completion.	
•	Customer to provide remote access to IntelliSpace Cardiovascular, if not already existing, via Philips RSN.	
•	Training will be scheduled in advance. Philips should be notified, in advance, of any cancellation or rescheduling of confirmed training dates.	
•	Limitations on Work	
•	Information to be displayed on the report is limited to the data stored in IntelliSpace Cardiovascular.	
•	The structure of the report is limited to related data being grouped in one area of the report and to standard HTML and JavaScript design protocols.	
•	Any HTML and JavaScript report template changes which require the development of new JavaScript code.	

Line #	Description	Qty
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- All services will be delivered during the normal Philips business day, between 8am and 5pm local time (excluding holidays).
- Additional hours are available for purchase.

44	ISCV Custom Project Implementation 2	4
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This item represents Intellispace Cardiovascular custom services. The Statement of Work (SOW) or Project Scope Document (PSD) describes the implementation deliverables.

45	Onsite ISCV Prof. Services (8 hours)	6
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Overview

This service provides units of implementation services and/or time based consulting.

Engagement Deliverables

- Each unit of this product provides 8 hours of consulting by a Philips consultant.
- Topics for consulting are limited to Philips Enterprise Imaging and Clinical Informatics products and services.

Engagement Completion Criteria

The engagement is complete upon delivery of the units of labor. There are no other deliverables associated with this service.

Customer Work Contributions

- Customer should designate appropriate resource(s) with the knowledge and authority to represent the organization and facilitate the work of the Philips consultant.
- Customer may purchase additional units if more time is required to complete implementation.

Limitations

- Each unit of labor will be delivered in accordance with the project plan established by the project manager.
- Services shall be delivered Monday thru Friday on Philips business days between the hours of 8am thru 5pm local time.
- Professional service hours will decrement by 1.5 for after-hours work and 2.0 for weekend work- add
- All work must be completed in a test environment prior to implementation

46	ISCV DICOM Measurement Mapping	1
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Line #	Description	Qty
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Overview

A Philips Consultant(s) will provide IntelliSpace Cardiovascular application training to Key User(s) to master IntelliSpace Cardiovascular DICOM SR Mapping. Philips uses a “train the trainer” approach to the IntelliSpace Cardiovascular application training.

Features

- Automatically map previously unmapped measurements when the DICOM attributes match
- Manually map previously unmapped measurements when the DICOM attributes do not match
- Change existing mappings for currently mapped measurements
- Map Calculation Results to new, customer-created value measurements
- Ignore unwanted measurements

Engagement Deliverables

- A maximum of eight (8) hours of remote training per quantity of service purchased.

Engagement Completion Criteria

- Philips Consultant has delivered a maximum of eight (8) hours of remote IntelliSpace Cardiovascular application training.

Customer Responsibilities

- Customer will designate a clinical contact to lead and coordinate scheduling.
- Customer will designate appropriate clinical resource(s) with knowledge and expertise in all aspects of the department, and the authority to represent the needs of the department and clinical end-user.
- Customer must designate a Key User(s) to participate in “train-the-trainer” activities.
- In accordance with Philips “train the trainer” methodology and following completion of clinical application training, Key User(s) will assist in training any additional users.
- Customer will identify resource(s) to attend DICOM Measurement Mapping Training and to serve as the Key User(s) for system configuration.
- Key User(s) must be available to train with the Philips Consultant throughout the duration of scheduled training period.
- Required E-learning must be completed prior to the commencement of onsite applications training. Failure to complete required e-learning may result in a delay or efficacy of onsite training.
- Customer will work with Philips to establish training plan schedule.
- Customer to schedule user training based on the mutually-agreed upon training plan.

Line #	Description	Qty
	<ul style="list-style-type: none"> To provide a trained and satisfied group of users, Philips requests project leadership make staff available, clear their schedules and release them from patient-care responsibilities allowing them to focus without distraction during training. Provide training atmosphere conducive to learning. Key User(s) will act as the resident IntelliSpace Cardiovascular expert(s) following the clinical training, and will be responsible to provide on-going departmental training and support following project completion. Following delivery of report customization service, the Key User is responsible for creation of additional mapping modifications. Attendees must possess basic PC and Microsoft Windows application skills and be well versed in digital image acquisition as defined by their departmental modality devices. Customer to provide remote access to IntelliSpace Cardiovascular, if not already existing, via Philips RSN. Training will be scheduled in advance. Philips should be notified, in advance, of any cancellation or rescheduling of confirmed training dates. 	

Estimating Assumptions on Work

- A maximum of eight (8) hours of remote training will be delivered.
- Customer personnel and resources, defined in the project plan, are made available at the times defined by the project plan.
- Client-provided materials and information are accurate, complete and convey in a timely manner.
- The identified Key User(s) must have completed all required e-learning and remote training prior to the commencement of onsite applications training.
- All training will be managed, and accounted for, through the Philips Online Learning Center. The hours of training delivered per session vary depending on the knowledge base and learning speed of the attendees. The hours of training delivered per session vary depending on the knowledge base and learning speed of the attendees.
- IntelliSpace Cardiovascular software purchased and system must installed before delivery of this service.
- Modalities have been validated to work with Xcelera 3.x or later and IntelliSpace Cardiovascular applications.

Limitations

- All services will be delivered during the normal Philips business day, between 8am and 5pm local time (excluding holidays).
 - Philips is not responsible for creating new mappings.
 - Reporting templates must be modified if using measurements not standard in the ISCV report.
- Additional hours are available for purchase.

Line #	Description	Qty
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47	Xper ICL Training	1
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Overview

A Philips Clinical Applications Consultant will provide a two (2) day training course at the customer site. The training topic includes the Integrated Cath Lab and is in addition to the Xper IM Clinical Training.

Engagement Deliverables

- A maximum of eight (8) hours per day for two (2) Philips business days
- The Philips Project Manager will schedule the training with the customer

Engagement Completion Criteria

- Training objectives have been delivered to the designated trainee(s)
- The Philips Clinical Applications Consultant has provided up to two (2) days of training

Customer Responsibilities

- Customer should designate a clinical contact as the focal point to lead and coordinate scheduling
- To provide a trained and satisfied group of users, Philips requests that trainees clear their schedules to ensure focused availability during training sessions
- Training will be scheduled in conjunction with installation activities. Philips should be notified in advance of any cancellation or rescheduling of the scheduled training dates.

Estimating Assumptions on Work

- Customer has completed the Xper IM Clinical Training but has recently installed IntelliSpace Cardiovascular.

48	ISCV Web Reporting PS Hours	1
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ISCV Web-based echo reporting provides clinicians diagnostic quality images and reporting capabilities "anytime, anywhere" through remote access.

ISCV Web Reporting is currently available for the following study types:

- Adult Echo
- Stress Echo (Limited)
- TEE
- Pediatric (No Zscores)

49	ISCV Key User Course	2
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Overview:

This course provides the learner with the knowledge and skills required for a successful IntelliSpace Cardiovascular implementation by the Clinical Super User. This training is designed for new IntelliSpace Cardiovascular Clinical Super Users (Sonographers, Systems Analysts, PACS Administrators) who are unfamiliar with the clinical features of the IntelliSpace Cardiovascular application and implementation process.

The course includes a combination of eLearning modules and Instructor-led Training (ILT).

Line #	Description	Qty
	<ul style="list-style-type: none"> • The interactive, eLearning modules will focus on key functions and transactions in the system and will be made available to the learner prior to the ILT portion of the training and are a prerequisite. These modules will provide a combination of foundational knowledge and interactive system simulations. Each module will include knowledge checks and a final assessment to ensure that the participant understands the concepts and how to implement them. Finally, participants will be able to revisit these modules as part of ongoing performance support. • The ILT Class will focus on providing the learner with a simulated “Day-in-the-Life” experience with IntelliSpace Cardiovascular. The class is taught using a combination of demonstrations and hands on experience. This intensive face-to-face portion of the course will take place at a designated Philips learning facility. <p>The price of this training includes air travel, ground transportation, hotel accommodations, lunch, and a \$40 daily allowance for breakfast and/or dinner at the hotel.</p>	

Features:

Individuals who complete the prerequisite eLearning modules and attend the Instructor-led portion of the training should be able to:

- Describe the function of each of the components comprising the IntelliSpace Cardiovascular network
- Identify how to meet the demands of the hospital's rigid user security requirements by utilizing the security features of the IntelliSpace Cardiovascular
- Apply both the User Centric Cardiovascular Workspace layer and the Patient Centric Cardiovascular Workspace layer when selecting the various Applets to formulate the presentation of relevant information
- Review the steps to get a detailed overview of a chosen patient's cardiac history
- Apply all the necessary features of the Search and Worklist Applets based on the role of the user
- Perform the diverse types of cases from beginning to end and incorporate all aspects of the case into an electronic medical record.

Recommended Attendees: (This course is not recommended for installations that use only Cath, NM or View Forum applications)

- IntelliSpace Cardiovascular Clinical Super Users (Sonographers, System Analysts, PACS Administrators)
- The prospective student should have knowledge of clinical procedures and facility workflow, basic PC knowledge of Windows OS (copy, paste, find files, keyboard and mouse usage).

Engagement Deliverables:

- Successful completion of IntelliSpace Cardiovascular Clinical Super User prerequisite eLearning modules is required prior to attending this course.
- Completion of the instructor-led portion of the training, covering the features listed above with the addition of a final exam.

Engagement Completion Criteria:

- Attendance of one person at IntelliSpace Cardiovascular Clinical Super User ILT Course
- The trainee has completed the prerequisite eLearning modules and attended the instructor-led portion of the training

Customer Work Contributions:

- Successful completion of the IntelliSpace Cardiovascular Clinical Super User Pre-Requisite eLearning modules is required prior to registration for this course.
- The eLearning modules are located on the Philips Learning Management System
- Attendance and completion of the ILT Course

Estimating Assumptions on Work:

- Customer personnel and resources, defined in the project plan are made available at the

Line #	Description	Qty
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times defined by the project plan.

- Training is held at a designated Philips Training Center location.

Limitations on Work:

- Training allocation is good for one (1) year from the purchase date. Any unused training will expire after this time.
- Training classes are scheduled in advance and registration is on a first come, first serve basis.
- Notify Philips a minimum of two (2) weeks in advance of any changes to registration.

o Travel includes: round-trip airfare, round-trip transportation from the airport (in CA) to the hotel and \$40-per-day hotel food credit; a catered lunch will be provided daily at the training center.

Any expenses incurred outside the specified expense guidelines mentioned above, are the sole responsibility of the training participants and will not be reimbursed by Philips.

50	ISCV Advanced Administrator Course	3
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Overview:

This course provides the learner with the knowledge and skills required for a successful IntelliSpace Cardiovascular Installation. This training is designed for new IntelliSpace Cardiovascular customers who are unfamiliar with the IntelliSpace Cardiovascular application installation process.

The course includes a combination of eLearning modules and Instructor-led Training (ILT).

- The interactive eLearning modules will focus on key functions and transactions in the system and will be made available to the learner prior to the ILT portion of the training and are a prerequisite. These modules will provide a combination of foundational knowledge and interactive system simulations. Each module will include knowledge checks and a final assessment to ensure that participant understands the concepts and system use. Finally, participants will be able to revisit these modules as part of ongoing performance support.

- The ILT will focus on providing the learner with a simulated "Day-in-the-Life" experience with IntelliSpace Cardiovascular. The class is taught using a combination of demonstration and hands on experience. This intensive face-to-face portion of the course will take place at a designated Philips learning facility.

The price of this training also includes air travel, ground transportation, hotel accommodations, lunch, and a \$40 daily allowance for breakfast and/or dinner at the hotel.

Features:

Individuals who complete the prerequisite eLearning modules and attend the Instructor-led portion of the training should be able to:

- Describe the function of each of the components comprising the network
- Properly use the system to monitor and troubleshoot any procedure type by using IntelliSpace Cardiovascular features
- Diagram the data flow of a case throughout the exam life-cycle

Recommended Attendees:

- Biomedical Technicians and System Administrators

Line #**Description****Qty**

- The prospective student should have knowledge of clinical procedures and facility workflow, basic PC knowledge of Windows OS (copy, paste, find files, keyboard, and mouse usage).

Engagement Deliverables:

- Successful completion of IntelliSpace Cardiovascular Pre-Requisite eLearning modules is required prior to attending this course.
- Completion of the Instructor-led portion of the training, covering the features listed above with the addition of a final exam.

Engagement Completion Criteria:

- Attendance of one person at IntelliSpace Cardiovascular Installation Instructor-led Training Course
- The trainee has completed the prerequisite eLearning modules and attended the instructor-led portion of the training

Customer Work Contributions:

- Successful completion of the IntelliSpace Cardiovascular Pre-Requisite eLearning modules is required prior to registration for this course.
- The eLearning modules are located on the Philips Learning Center
- Attendance and completion of the Instructor-led Training Course

Estimating Assumptions on Work:

- Customer personnel and resources, defined in the project plan are made available at the times defined by the project plan.
- Training is held at a designated Philips' Training Center location.

Limitations on Work:

- Training allocation is good for one (1) year from the purchase date. Any unused training will expire after this time.
- Training classes are scheduled in advance and registration is on a first come, first served basis.
- Notify Philips a minimum of two (2) weeks in advance of any changes to registration.
 - o Travel includes: round-trip airfare, round-trip transportation from the airport (in CA) to the hotel and \$40-per-day hotel food credit; a catered lunch will be provided daily at the training center.
 - o Any expenses incurred outside the specified expense guidelines mentioned above, are the sole responsibility of the training participants and will not be reimbursed by Philips.