



Product update Value Tier Segment.

Mark Stewart, UK & Ire BP Manager and
CR Specialist

Northern Cluster Business Partner Meeting, Netherlands,
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Introduction

- Carestream have a wide product portfolio to cover all aspects of the market.
- Value tier market
 - Veterinary
 - Chiropractors
 - small private clinics/hospitals
 - Environments where budget is restricted or limited.
- Products which cover this market
 - CR (in particular CR Vita)
 - Image Suite Software
 - Ascend Products.



Carestream



CR Readers.

DIRECTVIEW MAX CR System

Drop-and-Go Cassette Processing

- Handles 16 cassettes simultaneously
- Throughput of 100 cassettes per hour
- Reduces time away from the patient

Intuitive, easy-to-use interface consistent across Carestream CR, DR and DRX systems allows shared workload



DIRECTVIEW MAX CR System

Applications from Mammography to Long-Length Imaging

- Centralized general radiography and mammography
- Multiple x-ray imaging rooms
- Medium-to-high exam volumes



DIRECTVIEW Elite & Classic CR

Compact CR with customized workflow

Uses same intuitive interface as DR and DRX systems and allows shared workloads

Modular design to fit your work space



DIRECTVIEW Elite & Classic CR

For distributed CR applications – Radiology, Mammography, Emergency, Intensive Care

Compact size fits nearly anywhere

One of the fastest CRs available

- Elite – 90 cassettes/hour
- Classic – 69 cassettes/hour
- Time to first image 33 seconds



DIRECTVIEW Imaging Plates and Cassettes

Rigid plates – a clear advantage in hospital settings

- Light-weight durable cassettes
- 100% non-contact scanning
- Designed for very long life - tested up to 45,000 cycles

Sizes for nearly every application, including mammography and dental imaging

Variety of imaging plate / screen types



Remote Operations Panel

Extend CR functionality to the point of patient care

Wall-mounted, touch-screen panel and CPU

Extend system reach – network up to 10 remote operations panels to a DirectView CR system



DIRECTVIEW CR Mammography



High-resolution scans with a 50-micron pixel pitch

New EHR-M3 screens provide the highest DQE of any DirectView CR screen

Cassettes designed for imaging close to the chest wall

Assure maximum quality and consistency with TQT for mammography

DIRECTVIEW CR Long-Length Imaging

Portable and wall-mounted options

Automatic stitching software aligns, orders, and rotates images for stitching – no manual intervention needed

Perform supine and upright procedures in general radiography, portable and orthopedic imaging



CARESTREAM Vita CR

Value-priced system provides fast access to quality digital images, anywhere

Designed for small healthcare facilities, clinics, private practices, and mobile applications



CARESTREAM Vita CR

Choose the Speed You Need

All Vita CR System features and benefits are available in a model with just the right output speed for your facility:

Vita LE UP TO **30**pph

Vita UP TO **50**pph

Vita XE UP TO **69**pph

CARESTREAM Vita CR

**Combined with optional accessories,
the Vita CR is a complete CR solution**

Total Quality Tool to assure quality imaging

- Automatic analysis and reporting of phantom image test and QC measurements

Long-Length Imaging for long bone exams

Vita Cart for easy storage and transportation



Carestream

Vita Flex CR System

What is Vita Flex?

- New CR Platform for General Radiography
- Smaller size and weight
- Multiple throughputs (30/45 PPH)
- Can be positioned for horizontal or vertical feeds
- Supports a number of cassette sizes
- Can be self installed and serviced by end user
- Uses Image Suite Software - easy to use platform specially designed for the end user in the target markets



Product Positioning

Advanced Tier – This tier will be based on the **current Vita XE platform** with the 60 PPH capability. This model will continue to support and have all of the features that are currently available by the Vita platform. The advanced tier will be used for up sale of features/capabilities vs. the entry level tier and also as tender spec enabler in cases where it is needed.



Entry Level Tier – The **Vita Flex** will be positioned as an entry level tier solution; it will replace the Vita and Vita LE in the lower range of throughput (30 PPH, 45PPH). As an entry level tier the product will also offer a unique platform that will allow flexibility for service and business models. Will not have LLI, Dental panoramic



Value Proposition

For Customers who need

- Imaging System with features and performance for private practices – such as general practice, chiropractors, orthopedics), imaging centers, small hospitals or veterinary practices
- An easy affordable way to move to digital

Vita Flex CR System offers

- Competitively priced, flexible platform with a range of capabilities and features to meet market needs
- Outstanding IQ and performance vs. price balance
- Improved Service approach to minimize downtime and optimize cost of ownership

Which provides

- Superior performance for the customer
 - With 2 speed offerings - 30 & 45 plates per hour
 - Flexible orientation allows for the system to be installed in small spaces which is key for customers with limited space
- Enhanced customer satisfaction
 - Fast turnaround for replacement parts therefore reducing downtime utilizing Carestream infrastructure
 - High reliability and outstanding image quality
 - Easy cleaning process allows for the customer to easily clean the system – critical in the vet space

Value Proposition – Business Partner

Which provides

- Reduced Service Cost
 - Faster installation time
 - Faster and accurate diagnostic due to remote access ability and the built in testing capability
 - Replaceable part design allows for a quick and easy repair reducing time/cost for the field service technician
 - New cleaning procedure and timing are more effective and do not need to be done as frequently – no cleaning plates required
 - Farther reach by utilizing Carestream part supply infrastructure
- Flexibility to offer different business models
 - Potential to change your sales strategy (sales over the internet, rental, pay per click) because of the self installation capability
 - Custom tailored solutions
 - Flexibility to offer different service offerings (strategies) to generate more revenue
 - » Customer self installation and repair
 - » Full installation and maintenance
 - » Extended warranty

Target Market

Low to Medium Volume Imaging Sites

- Hospitals: $< / = 100$ beds
- Imaging Centers or Clinics
- Urgent Care Centers
- Specialty Clinics - Orthopedic Clinics, Veterinary, Chiropractic Offices
- Mobile X-Ray Services

Robust Design with Smaller Size and Weight

More Space for Care – Flexfit

- Compact footprint – perfect for tight spaces in the office or on the road
 - Weight - 25 kg
 - Volume - 0.103m³
- Easy for one person to position
- Set up horizontally or vertically – whichever fits your space best
- Can be used in harsh or extreme conditions
 - like mobile applications, veterinary, military or disaster recovery applications, etc.





Fast & Simple Installation

More Time for Care – Flexfast

- Plug and play capability and easy to load software allows customers to be up and running quickly
- Ability to reduce the cost to the customer
- Allows dealers to reduce their service & installation costs
- Gives them to opportunity to sell self-installation or full service options

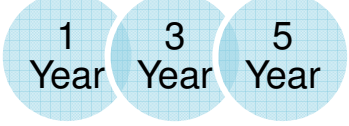
Replaceable Parts Design & Built-in Testing

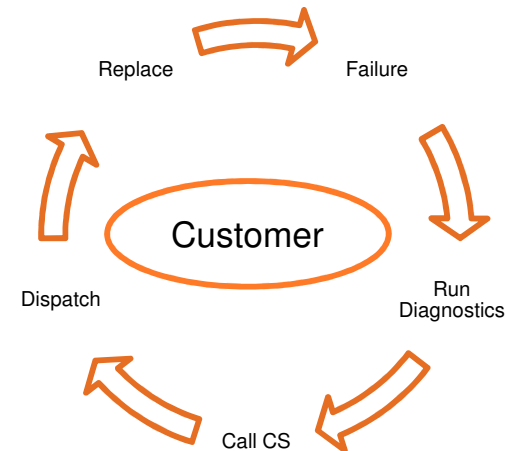
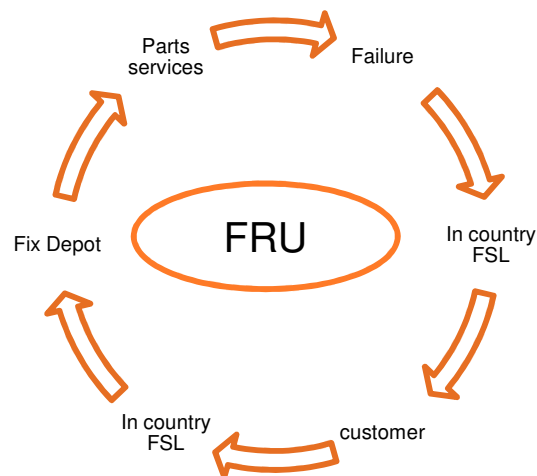
More Uptime for Care – Flexfix

- 3 replaceable parts allows customers to quickly & accurately repair when needed therefore maximizing uptime
- Reduce the service call cost = reduce total cost of ownership
- Easy cleaning process allows for the customer to easily clean the system – critical in the vet space



Go To Market Service Strategy

- Point of Sale Warranty options 
- Opportunity to up sell white glove services
- If the system breaks!
 - End User/dealer runs diagnostics and gets a recommendation on what to fix.
 - Calls Carestream/Partner to order the parts or get assistance for other issues.
 - Part is delivered to end user within 24-48 hours
 - End User installs replacement part and returns defective part to Parts Services using our return Box/Label.
- FRU's only fixed by Carestream approved locations!



Carestream

CARESTREAM Image Suite / V4 Software

Carestream Image Suite v4 Software

- Acquisition software with an optional Mini-PACS solution
- Simplified, intuitive user interface
- Meets the radiography needs of small facilities such as:
 - community hospitals
 - small clinics
 - imaging centers
 - private practices (i.e. Chiropractic, Orthopedic, Podiatry and Veterinary).
- Now in V4, Image Suite will support both CR & DR modalities
- The DR offering will include both wireless (DRX-1 and 25x30) and tethered TDR detectors
- Also included are new features/options such as:
 - DAP & Generator Interface Software
 - OmniLink Software
 - Tablet Viewer
- In addition Image Suite now has easy to use install shields and connectivity wizards.



Image Suite Software v4 - New Features


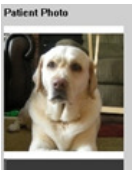





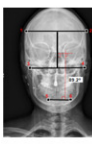




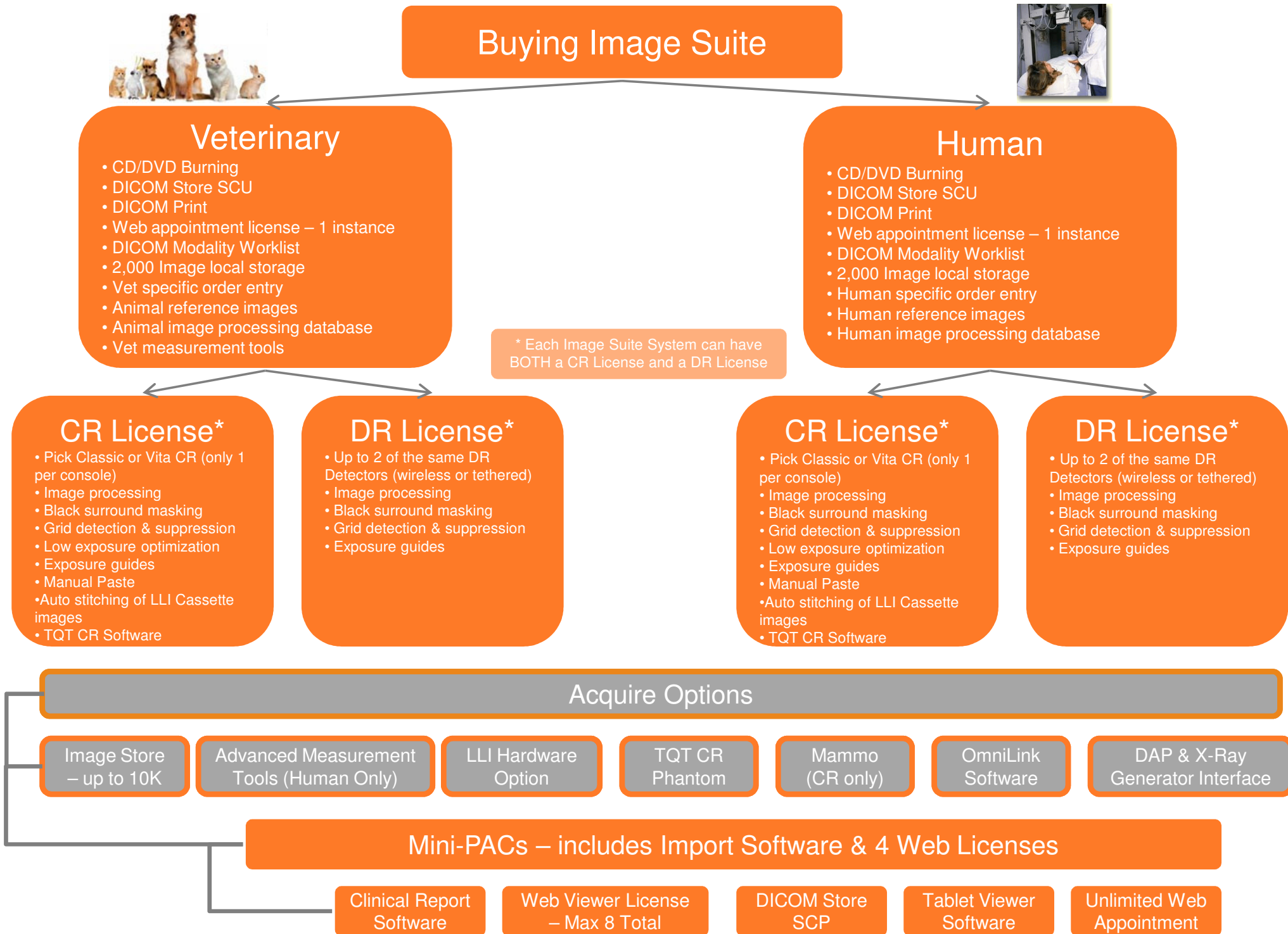
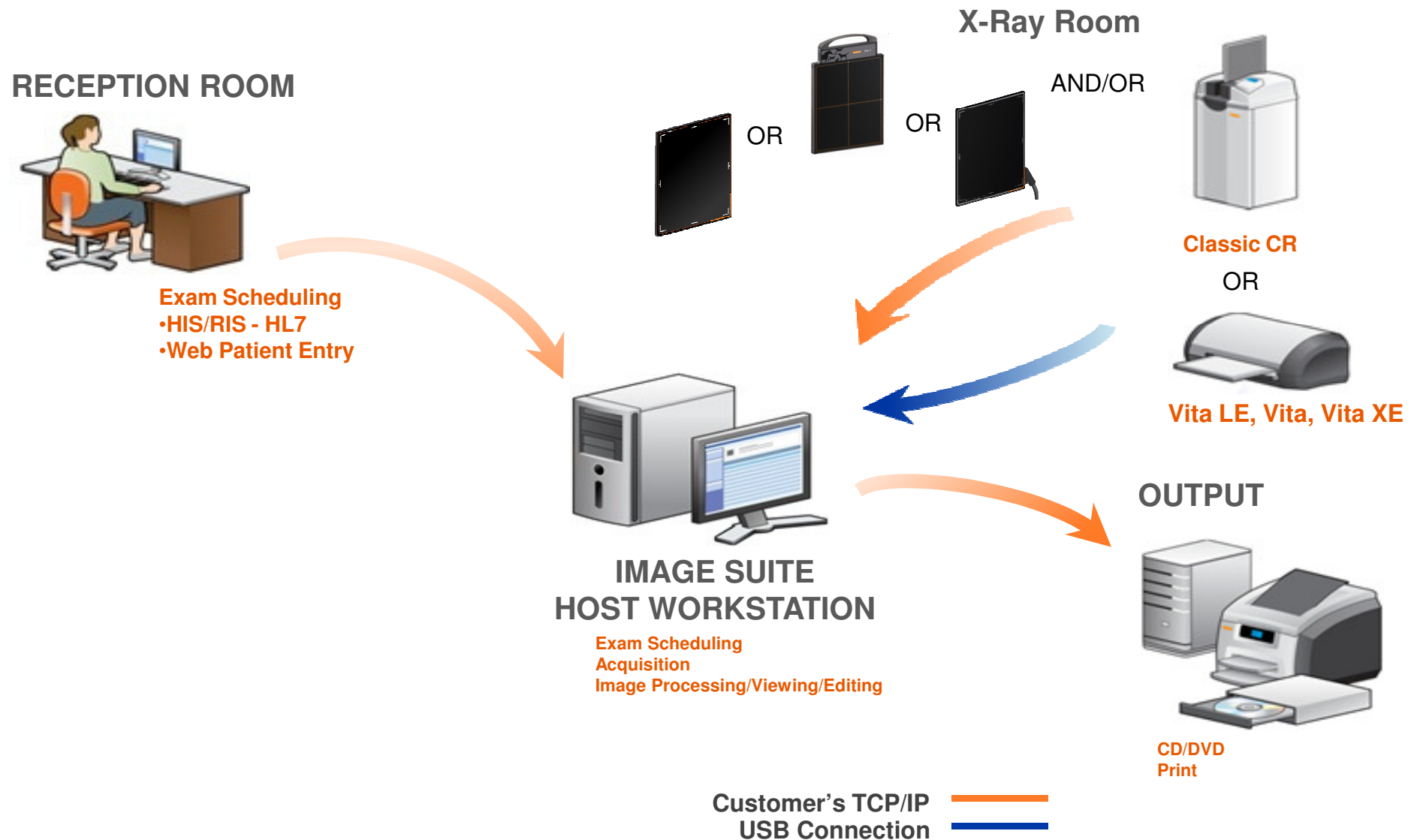
Feature	Benefit	
Add Patient or Pet picture to demographic screens	Allows for quick and easy confirmation of the correct patient. Patient's image will show on Order Entry, Acquisition/PACs screens, as well as reports.	 
QA by Study	Option on Acquisition screen to automatically advance to the next view after each acquire (improved workflow for multi-image exams)	
DR Support	Support for Tethered (35x43 TDR) and wireless (35x43 and 25x30 DRX) – both Human and Vet	  
IEC Exposure Index	Creates a vendor-neutral exposure index value for each image so technologists can easily see if they are within the exposure range. This value is in addition to the exposure index that is currently reported.	
Full Screen Display	Maximizes visibility of the image by allowing full screen viewing	
More Advance Measurement tools	Adds 10 new advanced measurement tools to our already extensive set of measurement tools. Most through set of tools in the market – ideal for chiropractic and orthopedic sites.	   

Image Suite Software v4 - New Features

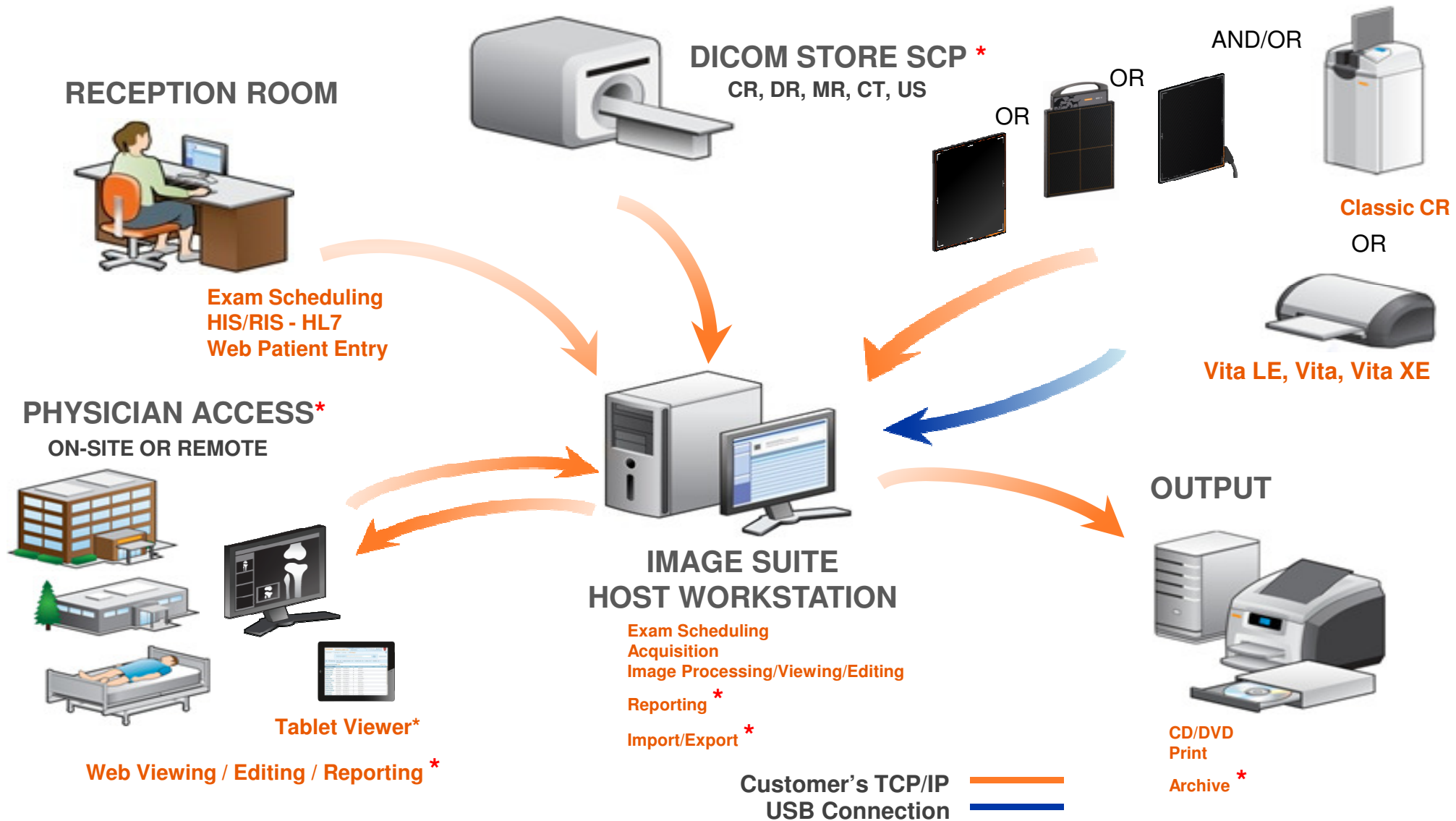
Features	Benefits	
DAP & X-ray Generator Interface Software	Hardware and software that automatically acquires DAP and technique information (if compatible with the generator) eliminating the need for manual entry. Generators supported - CPI: Indico100, CMP200, Phillips: Optimus DAPs supported - PTW: M4, C2, E2, CX , IBA: Kermox plus, Kermox_Eth VacuTech: VacuDap	
V&V with OrthoView (Human & Vet)	Allows for transfer of images to Orthoview for further diagnosis and orthopedic planning.	
OmniLink Software	Allows for remote cell/mobile delivery of DICOM images Encrypts images for transmission , so no need for VPN.	
Tablet Viewer Software*	Ability to view images on a tablet such as an iPad. Uses 1 web viewer license and is only available as part of the mini-PACS option.	



CARESTREAM Image Suite / V4 Software - Base



CARESTREAM Image Suite / V4 Software with Options



* Optional

Value Proposition - Dealers/Distributors

- For Dealers/Distributors who need
 - CR & DR Image acquisition products for Private Practices, Chiropractic Offices and Small Clinics
 - Products that are easy to install and service
- Competitively priced software solution that offers the dealer's customers the following
 - Exam order entry
 - Image acquisition and processing
 - Enhanced measurement tools*
 - Reporting*
 - Archiving*
 - Remote access*
- Which provides
 - Competitively price software solution focused on their target markets
 - Key features and tools for the dealer to target specialty markets such as Vet, Chiro, and Ortho
 - Innovative software solution that can be bundled together with either CR (Classic or Vita) or DR products (DRX-1, 25x30 or TDR)

Value Proposition — End Users

Medical

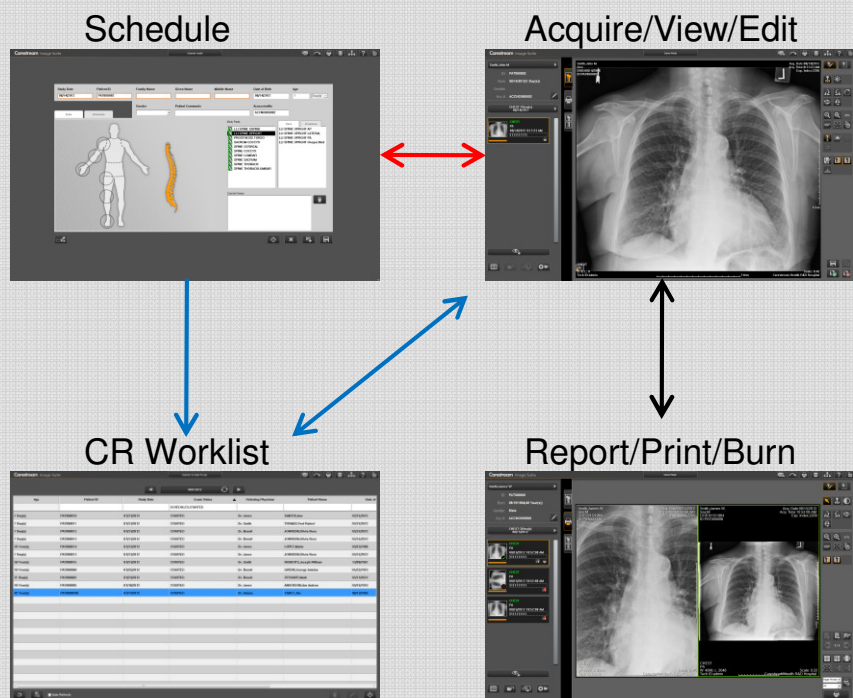
- For Private Practices, Chiropractic Offices and Small Clinics who need
 - CR or DR Image acquisition
 - Archiving capabilities
- Competitively priced software solution that offers
 - Exam order entry
 - Image acquisition and processing
 - Enhanced measurement tools*
 - Reporting*
 - Archiving*
 - Remote access*
- Which provides
 - Simplified routine radiology workflow
 - High image quality
 - Secure storage
 - Reduced turnaround time leading to improved patient satisfaction

Veterinary

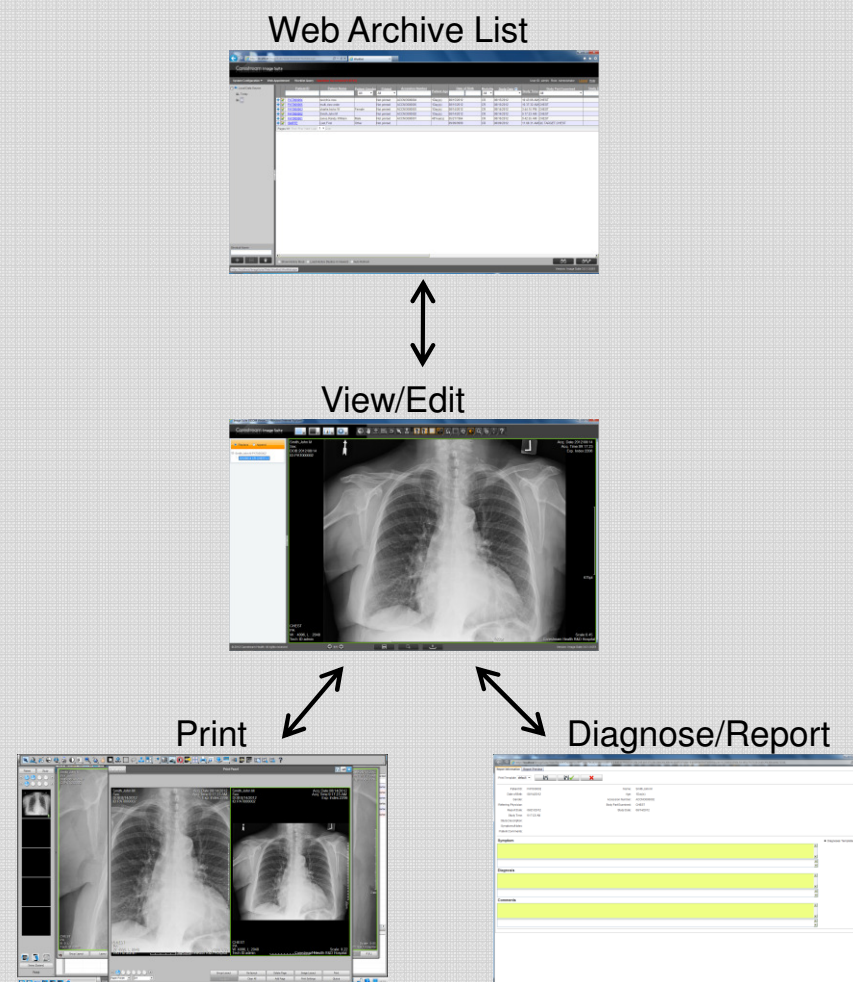
- For Veterinary Practices who need
 - CR or DR Image acquisition
 - Archiving capabilities
- Competitively priced software solution offers
 - Vet specific exam order entry
 - Vet specific image acquisition and processing
 - Vet measurement tools
 - Reporting*
 - Archiving*
 - Remote access*
- Which provides
 - Simplified routine radiology workflow
 - High image quality
 - Secure storage
 - Reduced turnaround time leading to improved owner satisfaction

Typical Workflow

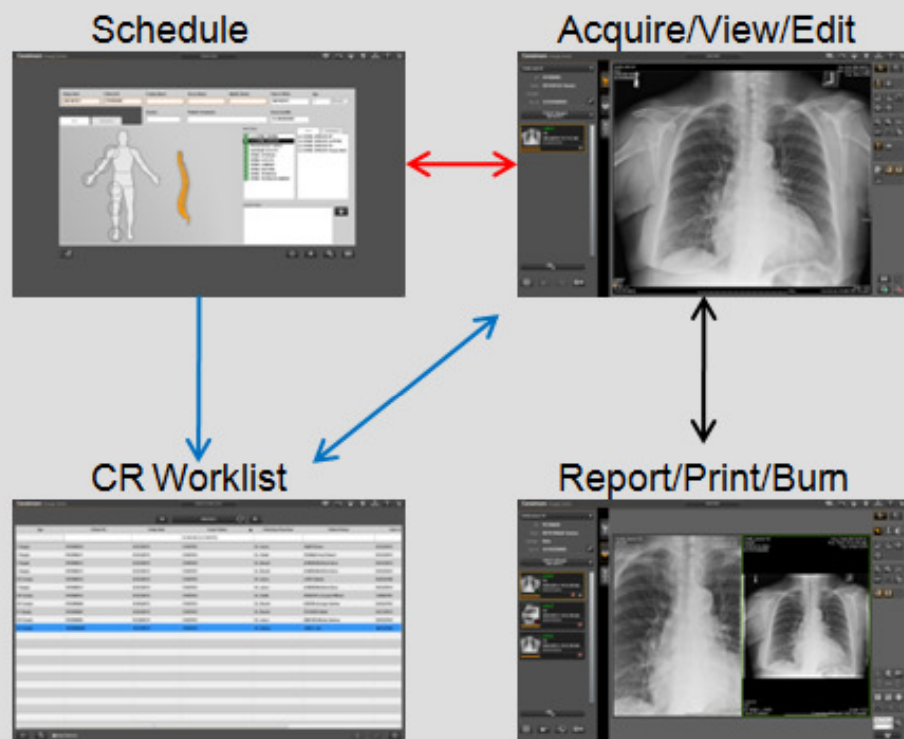
Acquire Module



PACS/Archive Module



Acquire Module



Features & Options

Schedule



Features	Benefits
Register patients remotely with Web-based software	Enhances productivity and decreases patient wait time
Request multiple images in a single order	Increased flexibility for orders
Add Patient or Pet picture to demographic screens	Allows for quick and easy confirmation of the correct patient
Selection figure graphics	Allows for quick and easy picking of the body parts and views
Body part & view position enhancements <ul style="list-style-type: none"> ● New default body parts & views ● Ability to add & edit existing body parts ● Apply custom processing across views 	Increased ability to meet the sites specific needs
Connect with DICOM or HL7 Complaint PM/EMR/RIS systems	Simplified workflow with increased connectivity

NEW

Order Entry Screen (Human)

Custom
Mandatory Fields
– as much or as
little of information
needed
(highlighted in
orange)

Additional patient
information
entered but not
required listed on
information tab

Study Date: 09/10/2013 Patient ID: Patient ID Family Name: Frank Given Name: Jim Middle Name: Study Time: 10:13 AM Date of Birth: Accession Number: ACCN0000028

Age: 1 Day(s) Gender: Patient Comments: Information

Body Part Examined: CHEST, CHEST PEDS, CHEST PORTABLE, ESOPHAGUS, THORAX, THORAX RIBS LOW, THORAX RIBS UPP, THORAX STERNUM

Views: CHEST-AP, CHEST-AP DECUBITUS, CHEST-LATERAL, CHEST-LATERAL XTABLE, CHEST-OBlique, CHEST-PA, CHEST-SPECIAL, CHEST-UNSPECIFIED

Current Views: CHEST-AP

Pick individual
views or create
custom
procedures

Selection Figure Graphic - allows for quick
and easy picking of the body parts and
views

Information Tab (Human)

The screenshot displays a medical software interface for the 'Information Tab (Human)'. The form is organized into several sections:

- Top Section:** Fields for Study Date (08/08/2013), Study Time (03:16 PM), Patient ID (PAT000007), Family Name, Given Name, Middle Name, and Date of Birth.
- Second Section:** Fields for Age (1 Day[s]), Gender, Patient Comments, and Accession Number (ACCNO000008).
- Third Section:** Fields for Referring Physician, Study Description, and Symptoms/Notes.
- Access Groups:** A section with a checkbox labeled 'All'.
- Patient Photo:** A section containing a photo of a young child.

Annotations on the form:

- An arrow points to the 'Access Groups' section with the text: "Additional patient information entered but not required listed".
- An arrow points to the 'Patient Photo' section with the text: "Patient photo can now be added for a quick visual confirmation".

The bottom of the interface features a dark toolbar with icons for navigation and document management.

Order Entry Screen (Vet)

Custom Mandatory Fields – as much or as little of information needed (highlighted in orange)
New fields created for Vet to allow for DICOM Vet compliance

Additional patient information entered but not required listed on information tab such as unique identifies like tattoos and chip ids, picture of the animal and more

Pick individual views or create custom procedures

Selection Figure Graphic - allows for quick and easy picking of the body parts and views and is displayed based on Species (e.g. canine, feline, equine, avian, etc) selected

Information Tab (Vet)

Carestream Image Suite

Demo Mode


Study Date: 09/10/2013 Study Time: 10:21 AM Client ID: PAT000002 Client Last Name: McIntosh Animal Name: Lilly Species: Canine

Breed: Date of Birth: Age: Year(s) Month(s)

Gender: Tattoo/Chip ID: Patient Comments: Accession Number: ACCN0000003

Veterinarian: Referring Veterinarian: Study Description:

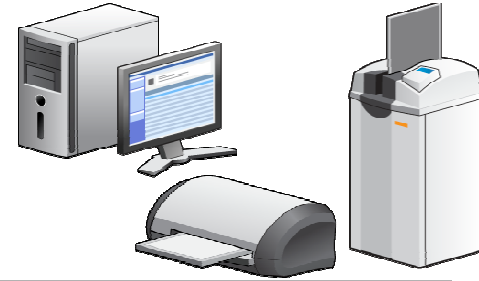
Symptoms/Notes: Access Groups: ☒ All ☒ Jillians group

Patient Photo: 

Additional patient information entered but not required listed

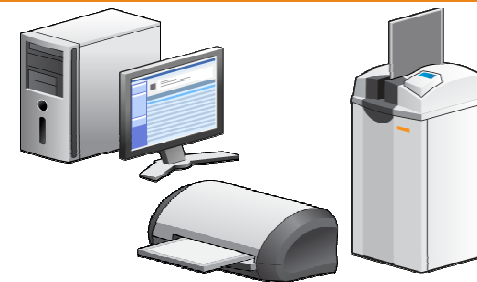
Patient photo can now be added for a quick visual confirmation


Acquire



Features	Benefits
Ultra-intuitive, user-friendly interface	Offers simplified navigation and an enhanced user experience which boosts speed and productivity
Touch friendly monitor capability	Allows simple navigation of User Interface for a enhanced user experience
Access to clinical tools and applications (circular masking, histogram, ROI pixel value and more)	Increases workflow and productivity
Reference positioning images and sample x-ray images	Improve image quality and accelerate workflow by using these as guides

Acquire



Features	Benefits
<p>Barcode Reader capability</p> 	<p>Allows for association of a cassette with a specific patient on both Classic and Vita CR Systems</p> <p>Requires any Hand Held USB Bar Code Reader (configured as a keyboard emulator and programmed to read Interleaved 2 of 5)</p>
<p>Includes Enhanced Visualization-Automatic (EV-A) image processing</p>	<p>Consistent high quality images every time</p>
<p>Supports Mammography including SNP Cassettes* (outside US) and Long Length Imaging**</p>	<p>Specialty applications at an affordable price</p>
<p>Delivers full scanner bit-depth images at the host workstation</p>	<p>Highest image dynamic range for image processing at acquisition and post archiving</p>

* New in Image Suite V4

** Mammography available with Classic and Long length imaging available with Classic or Vita/Vita XE/Vita LE

Acquire



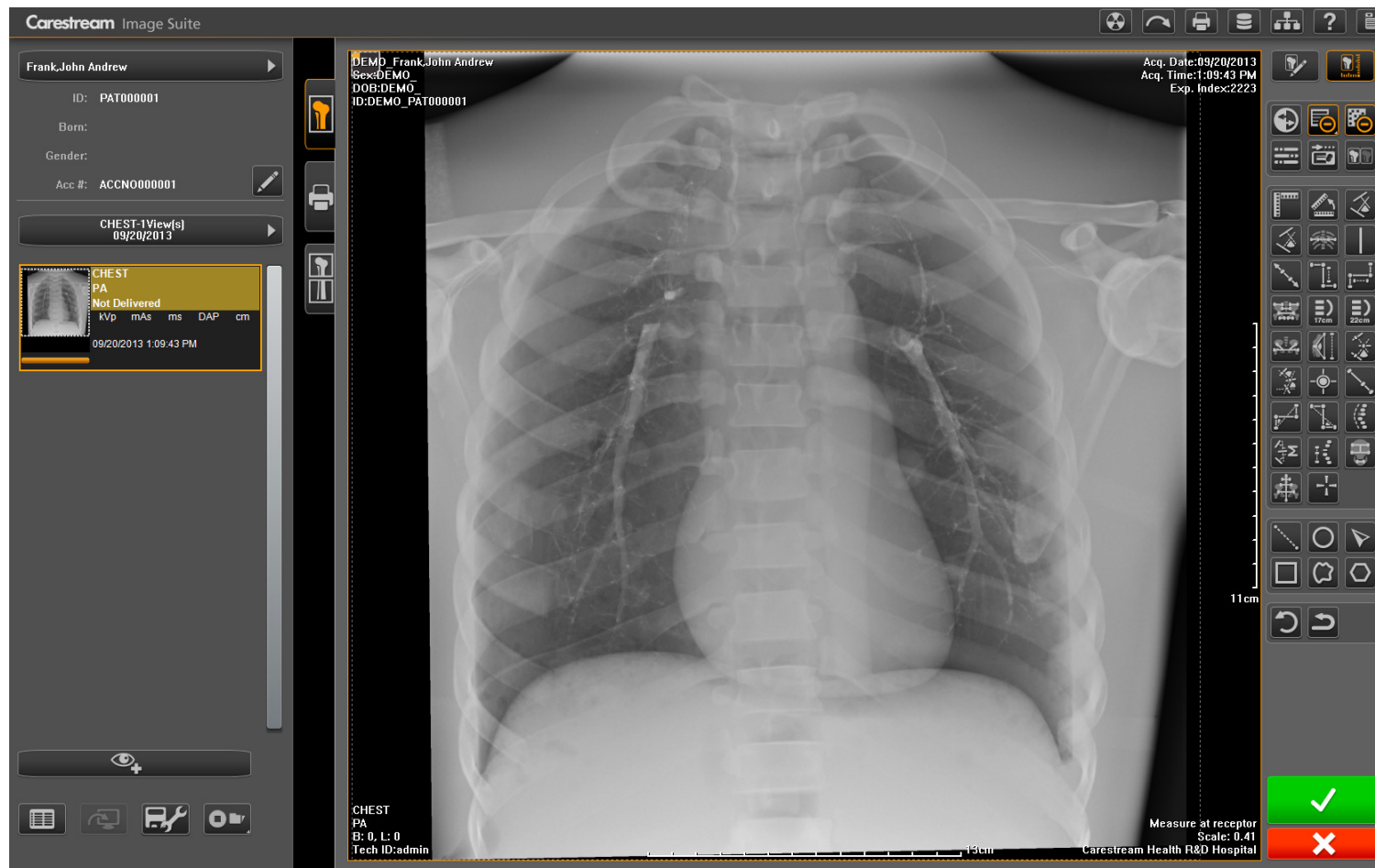
Features	Benefits
<div>NEW</div> QA by Study	Automatically advances to the next view for improved workflow
<div>NEW</div> IEC Exposure Index	Creates a vendor-neutral exposure index value for each image so technologists can easily see if they are within the exposure range. This value is in addition to the exposure index that is currently reported.
<div>NEW</div> DAP & X-ray Generator Interface Software	<p>Hardware and software that automatically acquires DAP and technique information (if compatible with the generator) eliminating the need for manual entry.</p> <p>Generators supported - CPI: Indico100, CMP200 Phillips: Optimus</p> <p>DAPs supported - PTW: M4, C2, E2, CX IBA: Kermax plus, Kermax_Eth VacuTech: VacuDap</p>

Acquisition Screen – Simplified Tools

The screenshot displays the Carestream Image Suite Acquisition Screen. The interface is divided into several sections:

- Top Left:** Patient/Exam info available for review/edit. This section includes fields for Patient Name (Thwaites, Kaden Xavier), ID (PAT000007), Born, Gender, and Acc # (ACCNO000008). A small patient picture is visible next to the name.
- Top Center:** Patient picture on visible on Acquisition Screen. This is a small thumbnail image of the patient.
- Top Right:** Acquisition details including Acq. Date (08/08/2013), Acq. Time (3:21:04 PM), and Exp. Index (2223).
- Left Side:** A scroll box containing all Views in the Exam. It lists two views: CHEST LATERAL and CHEST PA, both marked as "Not Delivered". Each view shows technical details like KVp, mAs, ms, DAP, and cm, along with the acquisition date and time.
- Center:** The main X-ray image, showing a chest X-ray. Technical details at the bottom left of the image include CHEST PA, B: 0, L: 0, and Tech ID: admin.
- Right Side:** A tool palette divided by category, providing everything a tech needs to review an image. It includes icons for zooming, panning, and other image manipulation tools.
- Bottom Left:** A button to "Add new Views easily".
- Bottom Center:** Additional sub screens allow user to print, export, and stitch.
- Bottom Right:** A green checkmark button and a red X button, likely for confirming or canceling the acquisition.

Acquisition Screen – Advanced Tools



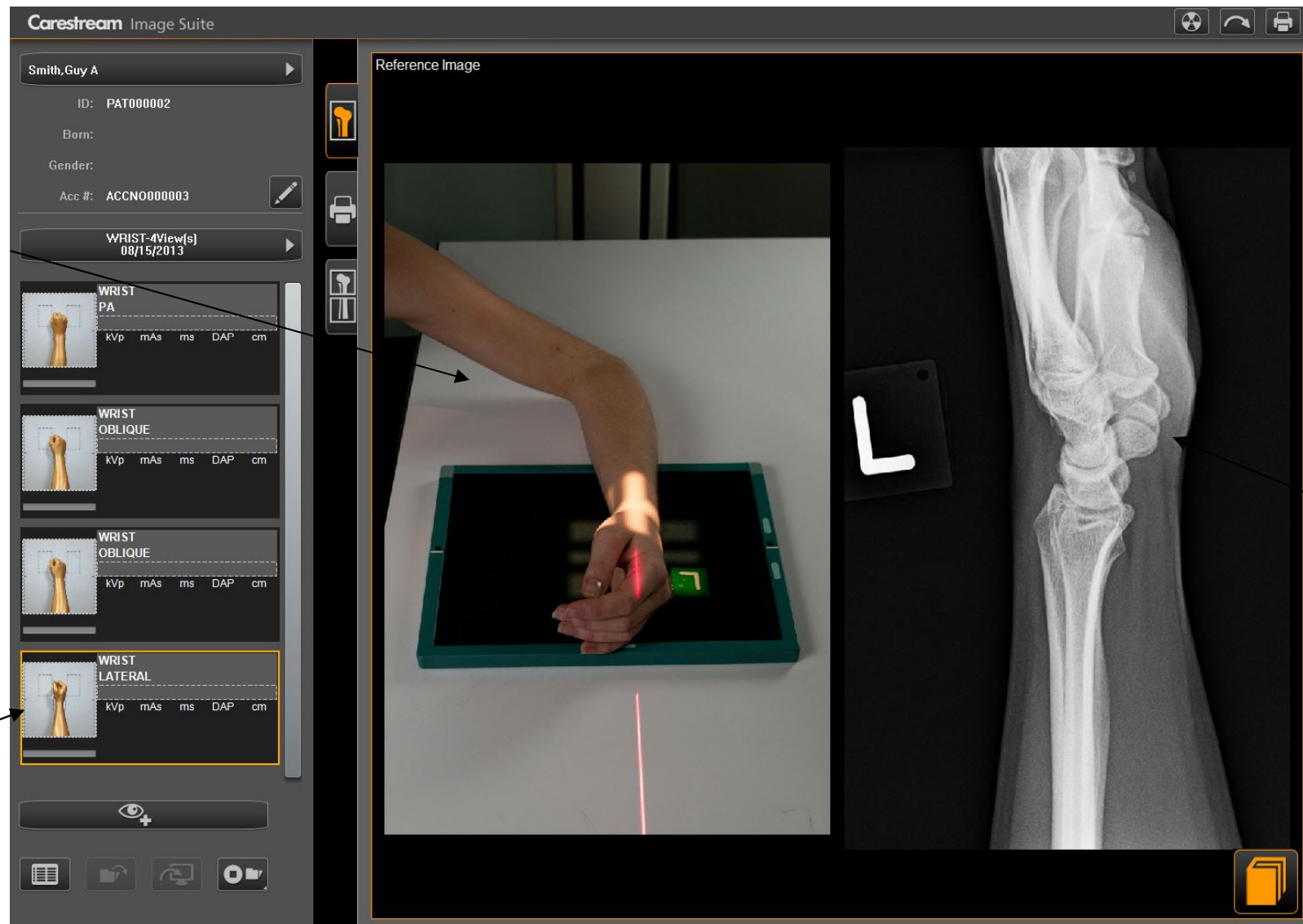
Vet Measurement Tools



Advanced Tool palette is divided by category

Note – when purchased Advanced and Veterinary Measurement Tools are available on the Acquire Module and Mini-PACS

Reference Images - Human



Positioning Guide

Example X-Ray

Toggle back
& forth

Selected view
highlighted with
orange border

View/Edit



Features	Benefits
Simple slide bars for image adjusting	Simple image processing can be tuned for brightness, contrast or detail
Tools for mammography sites (Outside US only)	Increased functionality with features such as Mammo print output, ability to store specific exposure values & custom processing, and the ability to add all views with one button click
Automatic and Manual Stitch Editors	Allows the ability to manipulate and paste individual images together to create precisely the view you need
NEW Full Screen Viewing	Maximizes visibility of the image by allowing full screen viewing
NEW V&V with OrthoView - Human & Vet	Allows for transfer of images to Orthoview for further diagnosis

Full Screen Viewing

DEMO Smith, Guy A
Sex: DEMO
DOB: DEMO
ID: DEMO_PAT000001

Acq. Date: 08/15/2013
Acq. Time: 9:14:43 AM
Exp. Index: 2223

41%

100%

- Scale to fit
- Full Screen

CHEST
PA
B: 0, L: 0
Tech ID: admin

11cm

Scale: 0.42

Carestream Health R&D Hospital

Zoom, Pan & Return to Normal Screen Functions

View/Edit

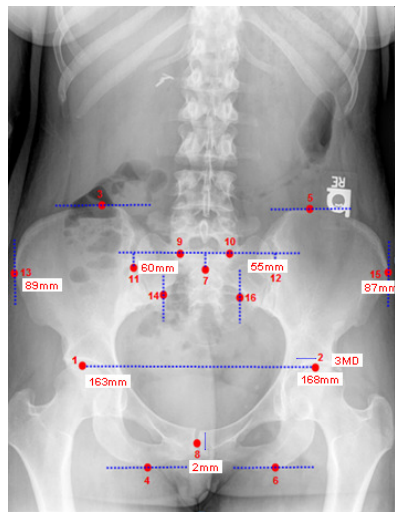


Features	Benefits
<p>Advanced measurement tools for specialized practices</p> <p>NEW</p> <p>Note – when purchased the tools are available on the Acquire Module and Mini-PACS</p>	<p>Increased usability for specialty offices with advanced tools for improved diagnostics. Tools include</p> <ul style="list-style-type: none"> • Gonstead Measurement Tool • Cervical Curve Measurement Tool • Lumbar Curve Measurement Tool • Measure from Vertical Tool • Measure form Horizontal Tool • Vertical Axis Line Tool • Line Extension Tool • George's Line Tool • Goniometry Measurement Tool • Coxometry Measurement Tool <p>New with Version 4</p> <hr/> <ul style="list-style-type: none"> • Offset Cobb Angle • Extended Cobb Angle • Mark Spot • Line Ratio • Vertical Deflection • Horizontal Deflection • Absolute Rotation Angle • Vertebral Compression • Center Mass with Atlas Plane • Logan Basic Marking

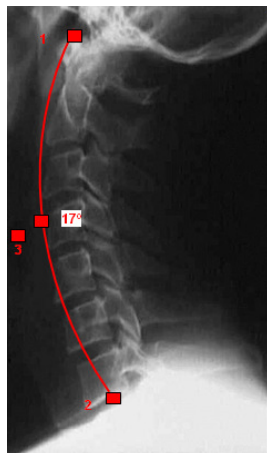
Advanced Measurement Tools



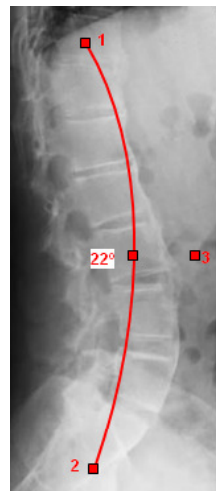
Image Suite V4
Advanced Measurement



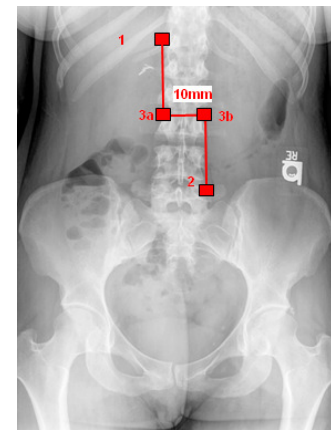
Gonstead



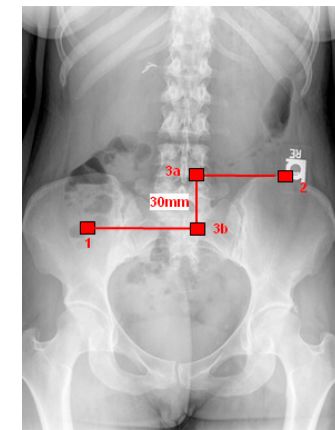
Cervical Curve



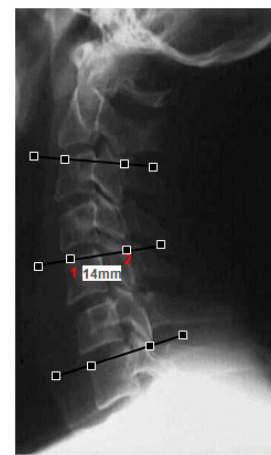
Lumbar Curve



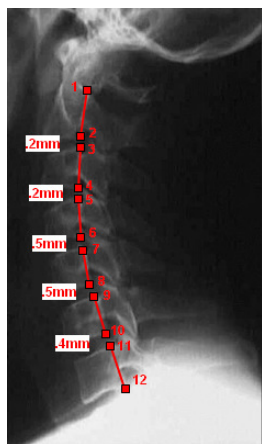
Measurement from Vertical



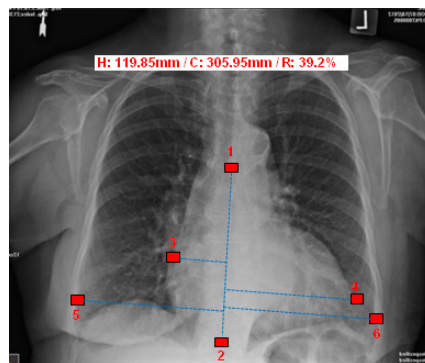
Measurement from Horizontal



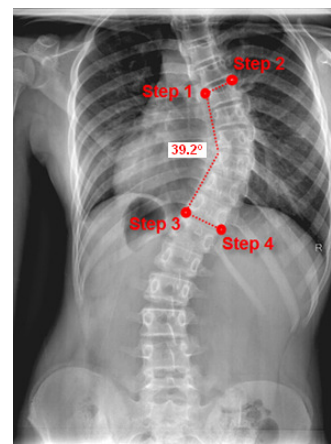
Line Extension



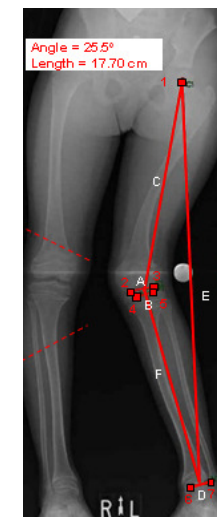
George's Line



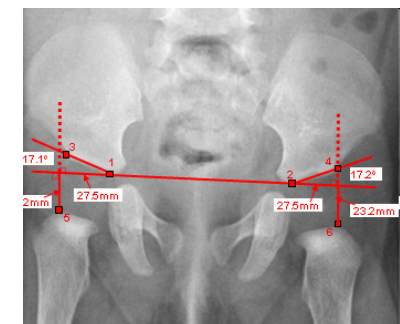
Cardiothoracic Ratio



Lippman-Cobb Angle

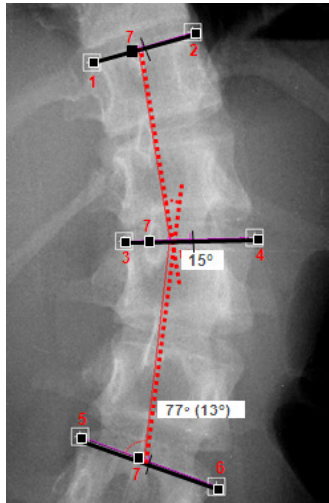


Goniometry

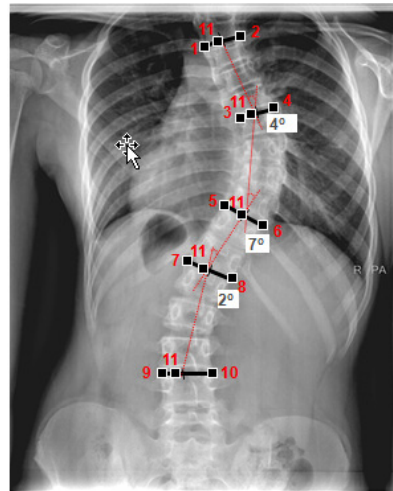


Coxometry

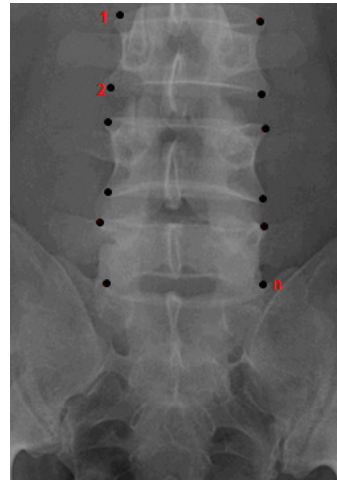
Advanced Measurement Tools



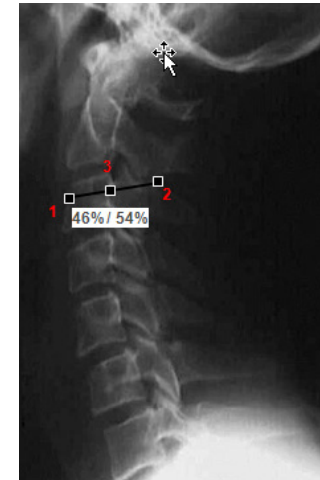
Offset Cobb Angle



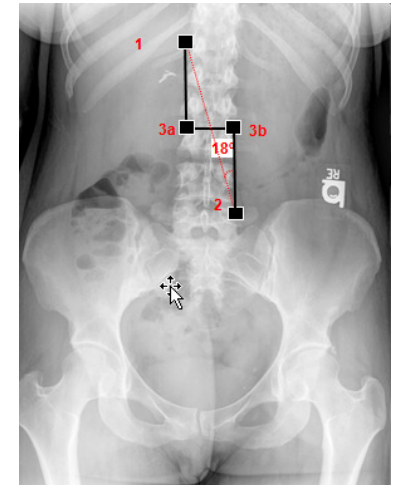
Extended Cobb Angle



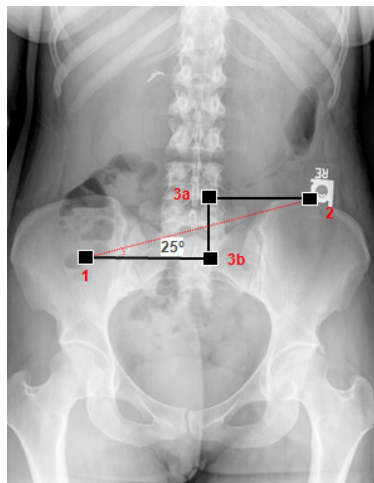
Mark Spot



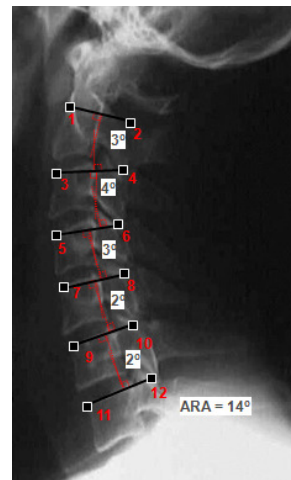
Line Ratio



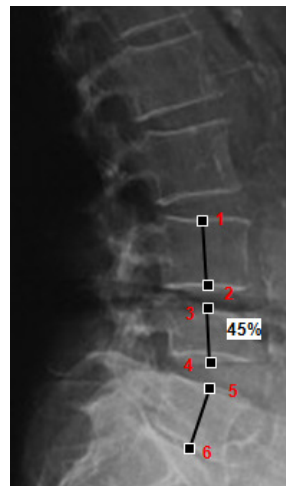
Vertical Deflection



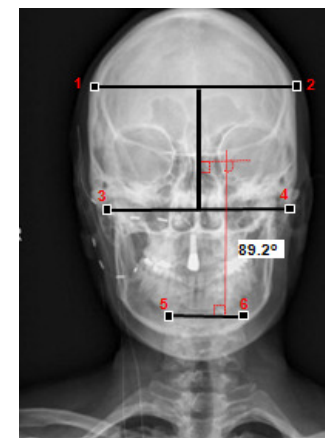
Horizontal Deflection



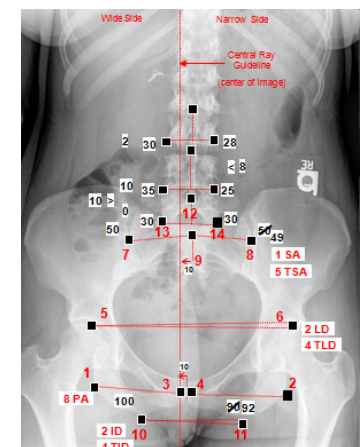
Absolute Rotation Angle



Vertebral Compression



Center Mass with Atlas Plane



Logan Basic Marking

View/Edit

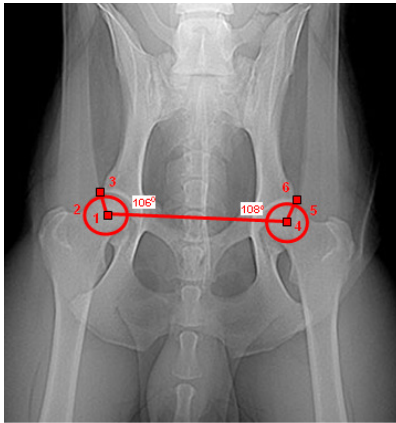


Features	Benefits
<p>Enhanced Veterinary Application</p> <p>Note – when purchased the tools are available on the Acquire Module and Mini-PACS</p>	<p>Customized application to meet Vet specific needs and workflow</p> <ul style="list-style-type: none"> • Vet-specific order entry (breed, species, unique identifies like tattoos and chip ids and more) • Animal reference images are provided to support accurate positioning, while sample veterinary X-rays provide guides for enhanced image quality • Customized animal-image processing database fine-tunes processing parameters for specific species, breeds, body parts and views • Specialized veterinary measurement tools help you arrive at precise diagnoses faster than ever before. <ul style="list-style-type: none"> – Hip Dysplasia Measurement Tool - measures the Norberg-angle of the hip in dogs and cats – VD Thorax Measurement Tool - measures the ratio of the Cardiac Width to the Thorax Width – Vertebral Heart Score (VHS) Measurement Tool - measures the size of a animal's heart –Tibial Tuberosity Advancement (TTA) Measurement Tool - determines the appropriate tibial tuberosity advancement distance –Tibial Plateau Leveling Osteotomy (TPLO) Measurement Tool - measures the tibial plateau angle, or tibial slope. – Laminitis Measurement Tool - measures the angle of rotation of the pedal bone relative to the dorsal hoof wall

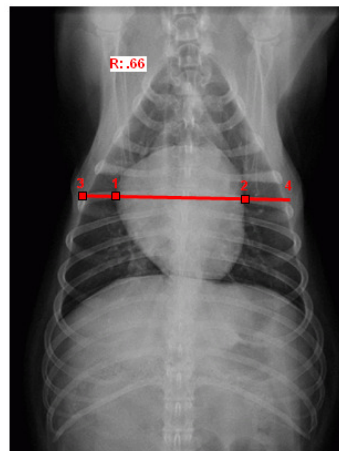


Image Suite Vet
Measurement Tool:

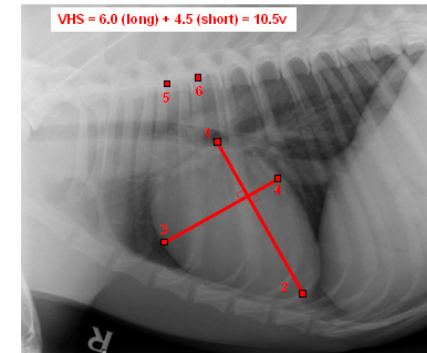
Veterinary Measurement Tools



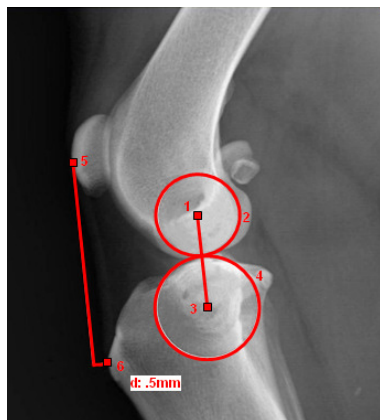
Hip Dysplasia



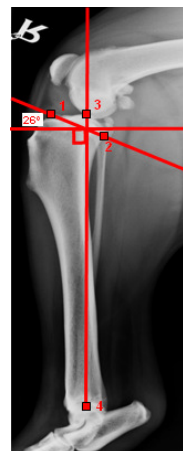
VD Thorax



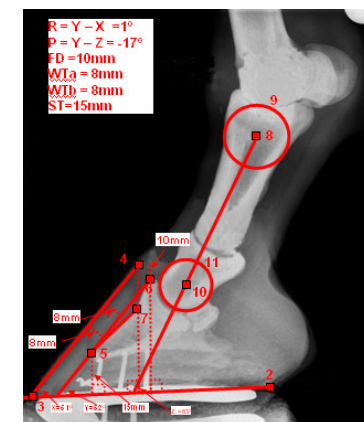
Vertebral Heart Score



Tibial Tuberosity
Advancement



Tibial Plateau
Leveling Osteotomy



Laminitis

Report




Features	Benefits
Total Quality Tool CR Software	Perform quality testing at the time most convenient for you for CR only
Reject Analysis Feature	Track issues with exams for additional training and improved workflow
OmniLink Software	Allows for remote cell/mobile delivery of images to the PACS

NEW

Carestream

OmniLinkTM

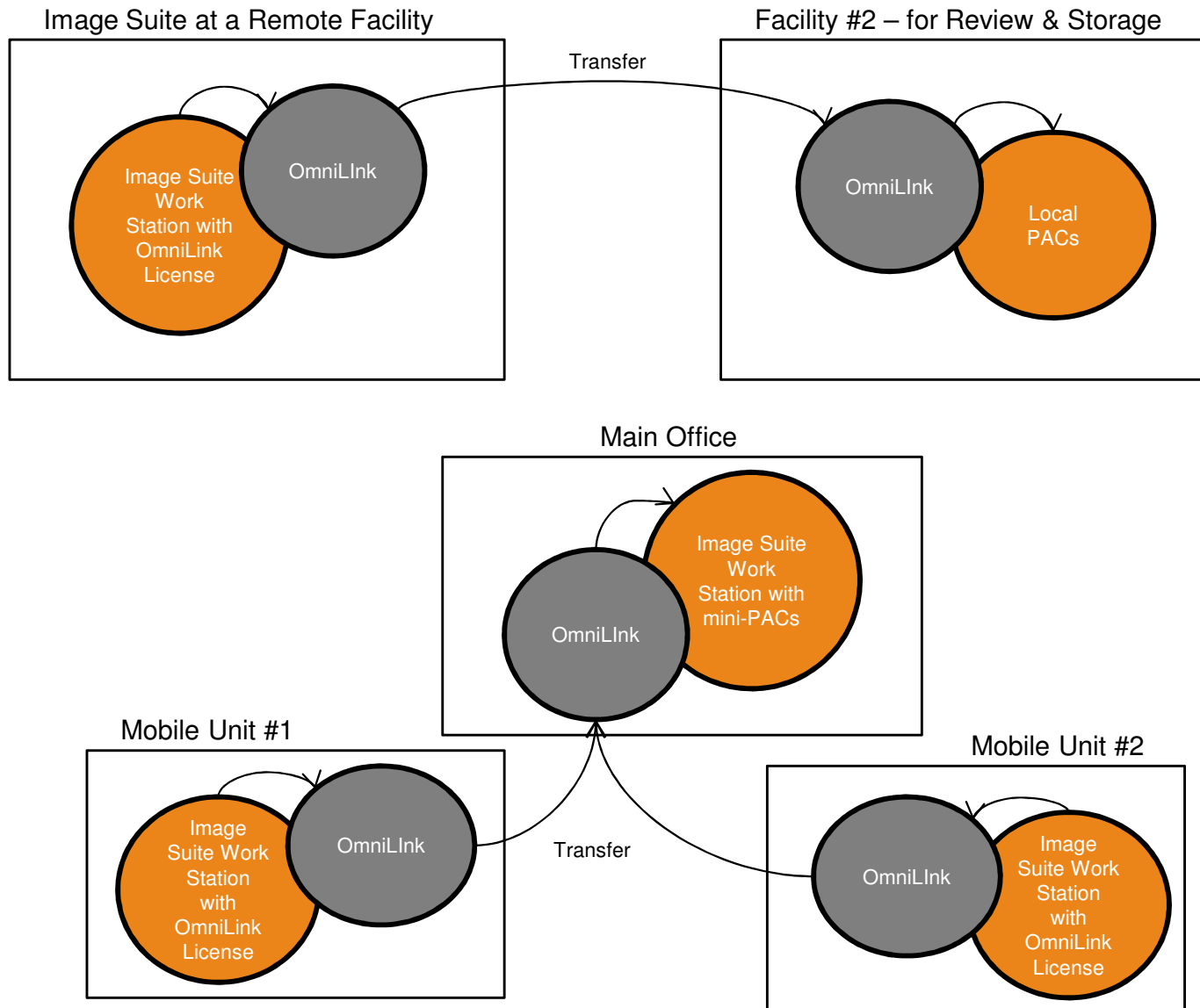


OmniLink Software

Among the advantages of using Carestream OmniLink are the following:

- Eliminates costly VPN maintenance
- Reduces the time to send and receive DICOM images – no loss of bandwidth
- Protects personal information
- Reconnects and resumes file transfer automatically
- Compresses and encrypts files sent and reverses process for files received – returning them to their original state
- Easy to use - no interaction needed after software integration
- Notifies sender and receiver with a popup message when image is successfully received
- Alerts sender with an e-mail message if there are any problems on the receiving end
- Populates the Image Suite Work List automatically when data is received

OmniLink Software



Example #1

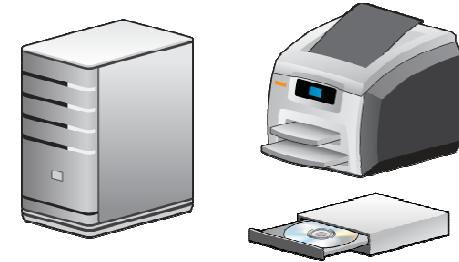
Image Suite at Remote Facility uses OmniLink License to transmit images to an OmniLink at Facility #2, which is then routed to the local PACs for review, diagnosis and storage. 1 License needed.

Example #2

A Mobile Imaging Organization, where each vehicle with a CR/DR device has an Image Suite Workstation with an OmniLink license. Images are then sent through a wireless internet connection to the main office, using OmniLink. This is then transferred to the Image Suite mini-PACs. 2 Licenses needed.

Note – 1 license needed for each workstation that transmits.

Print/Burn CD/Archive



Features	Benefits
Manually store exposure values	Critical for Mammo applications, required for x-rays in many countries
Short Term Local Storage	Ability to locally store 2,000 images with the option to purchase additional storage up to 10,000 images
JPEG or DICOM export tools	Flexibility to use images outside of system/facility (e.g. PowerPoint presentations)
Support multi-format print composition with independent image editing capability	Eliminates the need for additional printing programs like MasterPage – available at workstation or web PACS

PACS/Archive Module

Web Archive List



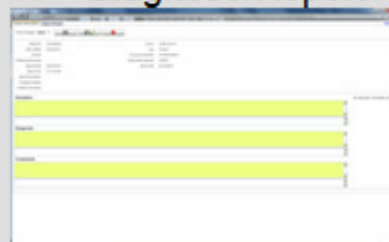
View/Edit



Print



Diagnose/Report



Features & Options

View/Edit



Features

Tablet Viewer Software*

NEW

V&V with OrthoView - Human & Vet

NEW

OrthoView™
Orthopaedic Digital Planning

Benefits

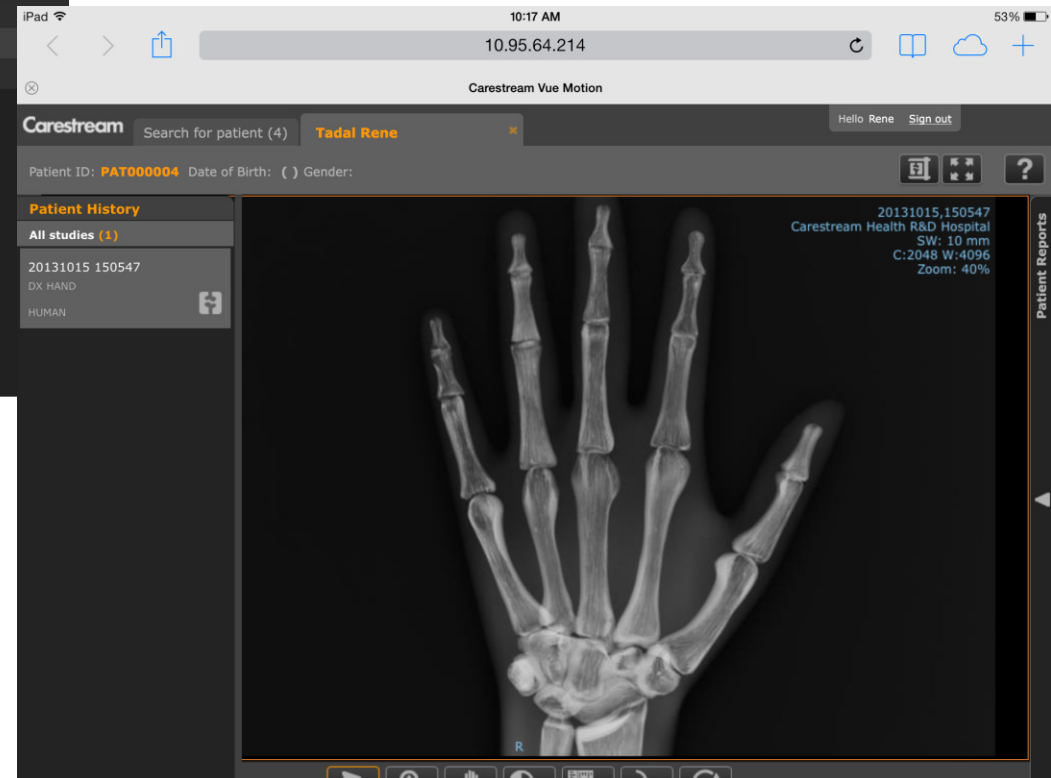
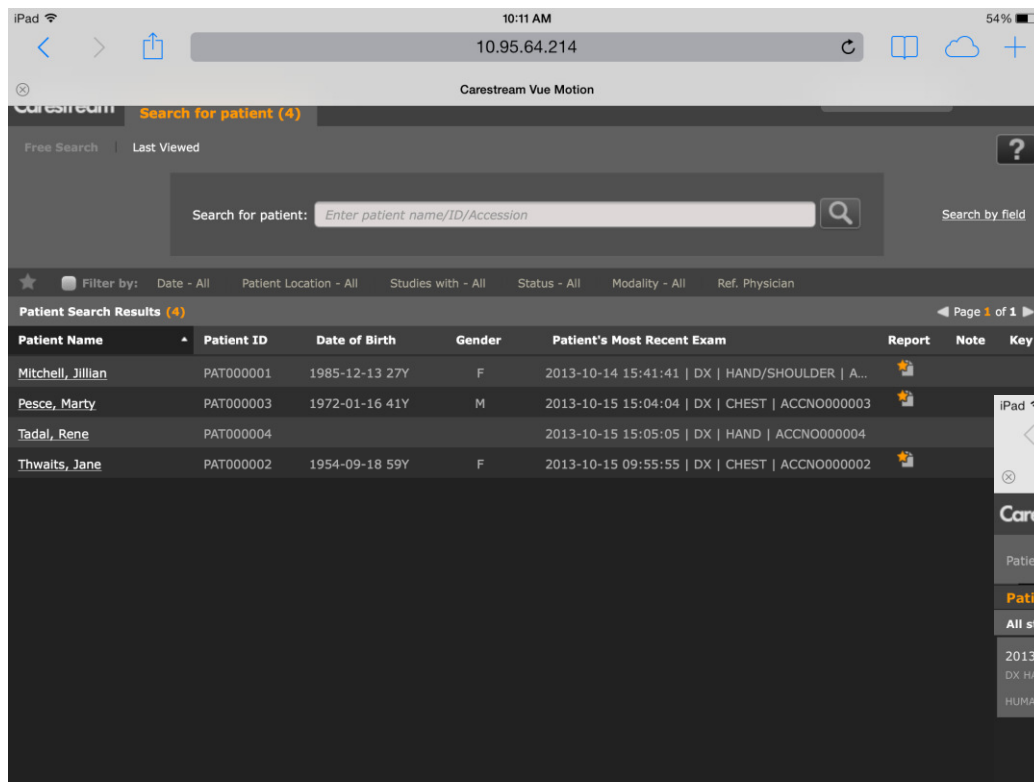
Ability to view images on a tablet such as an iPad. Uses 1 web viewer license and is only available as part of the mini-PACS option.

Allows for transfer of images to Orthoview for further diagnosis

Plan a total hip in 60 seconds or less



Tablet Viewer Software*



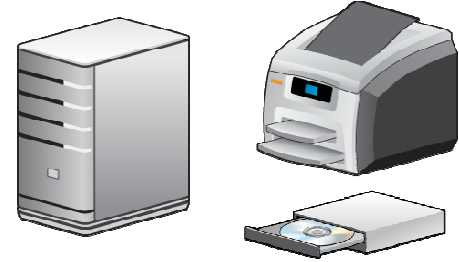
Uses 1 Web License – only available with the Mini-PACs
* FDA 510(k) Clearance

Diagnose/Report



Features	Benefits
Dual monitor support on Web clients	Enables increased efficiency by allowing the viewing of multiple images at once - used to view current/priors or other modalities & CR images side by side
Optional DICOM store SCP software	Offers the ability to receive & review images from CT, MR, ultrasound and additional CRs

Print/Burn CD/Archive



Features	Benefits
On-demand or scheduled backup capabilities	Flexible security for data backup
Manually store exposure values	Critical for Mammo applications, required for x-rays in many countries
Perform backups to CDs and/or removable USBs	Flexibility in storage options
JPEG or DICOM export tools	Flexibility to use images outside of system/facility (e.g. PowerPoint presentations)
Support multi-format print composition with independent image editing capability	Eliminates the need for additional printing programs like MasterPage

Upgrade Strategy

Classic

- No upgrade from DirectView Software to Image Suite
- Image Suite Upgrades
 - If on V2 - system must first be upgraded to V3
 - Once at V3, the V4 upgrade CD Software can be applied

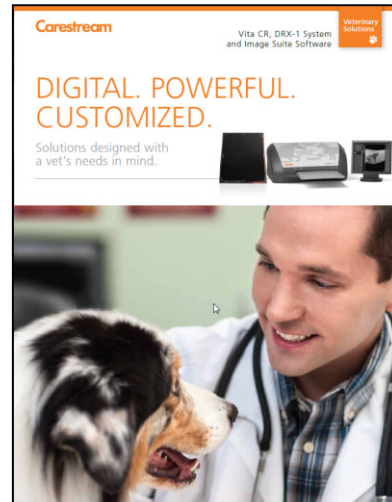
PoC/Vita

- Image Suite Upgrades to V4
 - If on V2 - system must first be upgraded to V3
 - Once at V3, the V4 upgrade CD s/w can be applied (i.e. QA will only test upgrading from V3 to V4)
- Upgrades from Vita Software (QC) to Image Suite V4 requires data migration
 - Image data will be transferred via DICOM transfer
 - Patient data will be transferred via a Migration tool
 - It does NOT matter if system is on Vita Software V2.5/V3.0/V3.1/V3.2 or what Vita Model

Tools Available



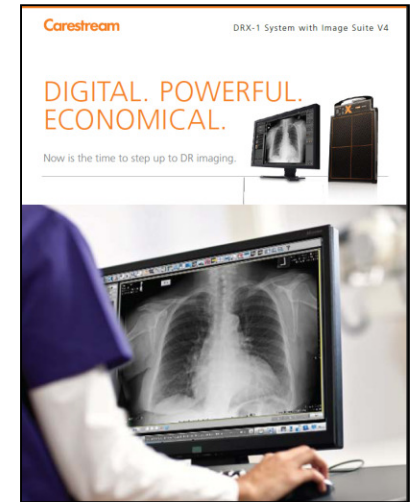
Updated Image Suite Brochure



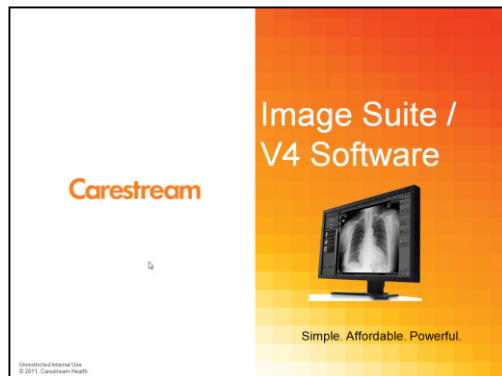
Updated Veterinary Brochure



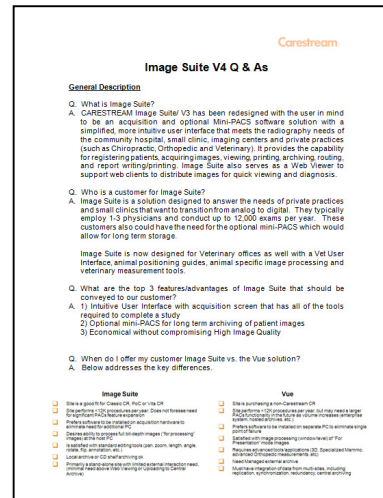
Updated Vita Family Brochure



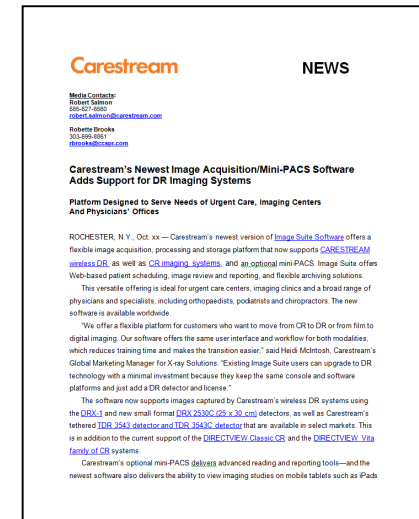
New DRX-1 System Room Retrofit with Image Suite Brochure



Customer Facing Presentation



FAQs

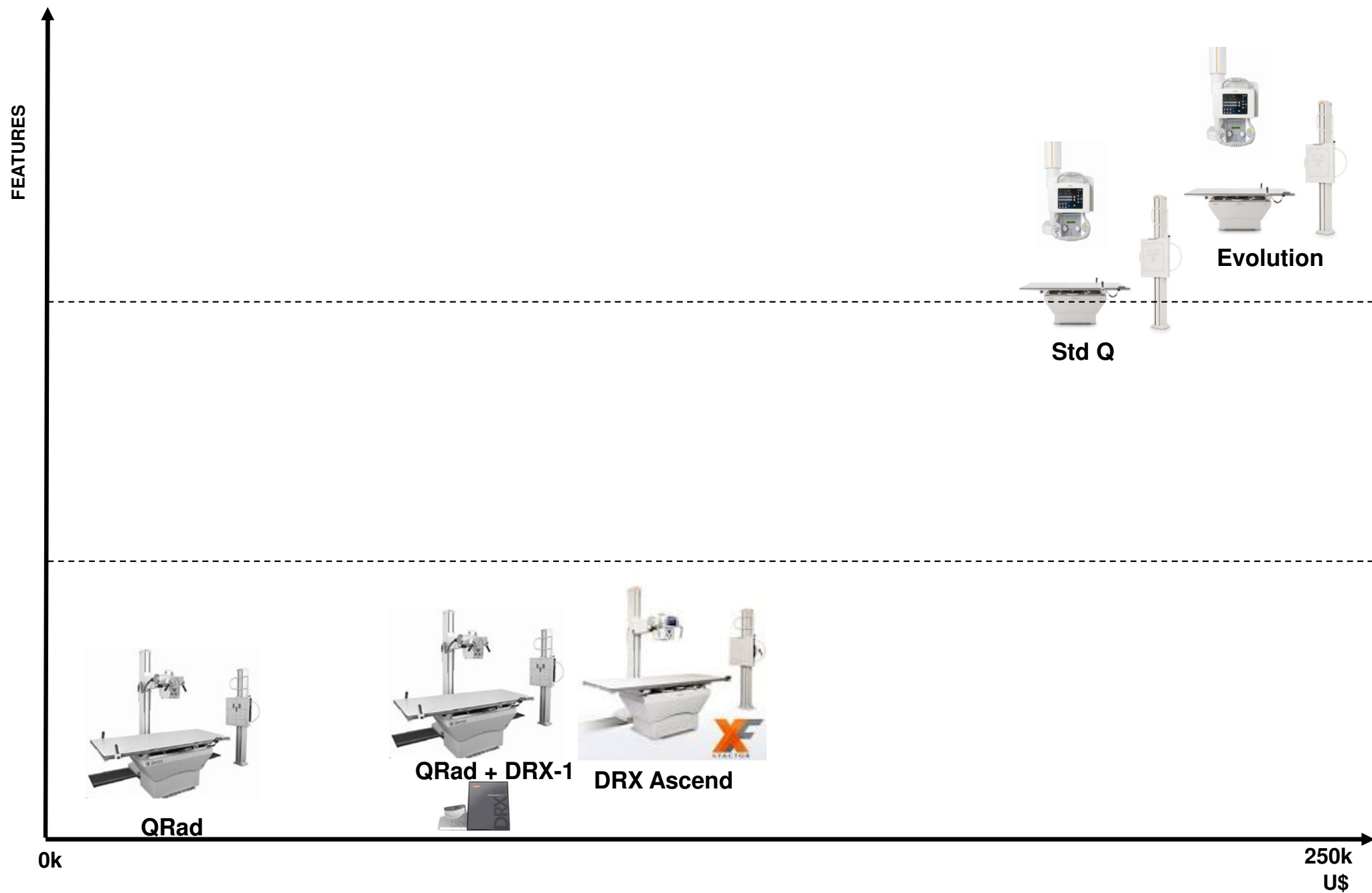


Press Release

Carestream

New Ascend Family

Carestream X-Ray Rooms



Carestream new Ascend Family

Analog or Digital

Floor Mounted or Ceiling Mounted

32-80 kW QVision Generators

Fixed, Float Top and Elevating Tables

140, 200, 300, 400, 600 kHU tubes

Floor and Ceiling Mounted Tube Stands

Tilting and Non-Tilting Wall Stands

New TechVision

+

Integrated DR Upgrade option

Starts as Analog anytime can be an Integrated DR....

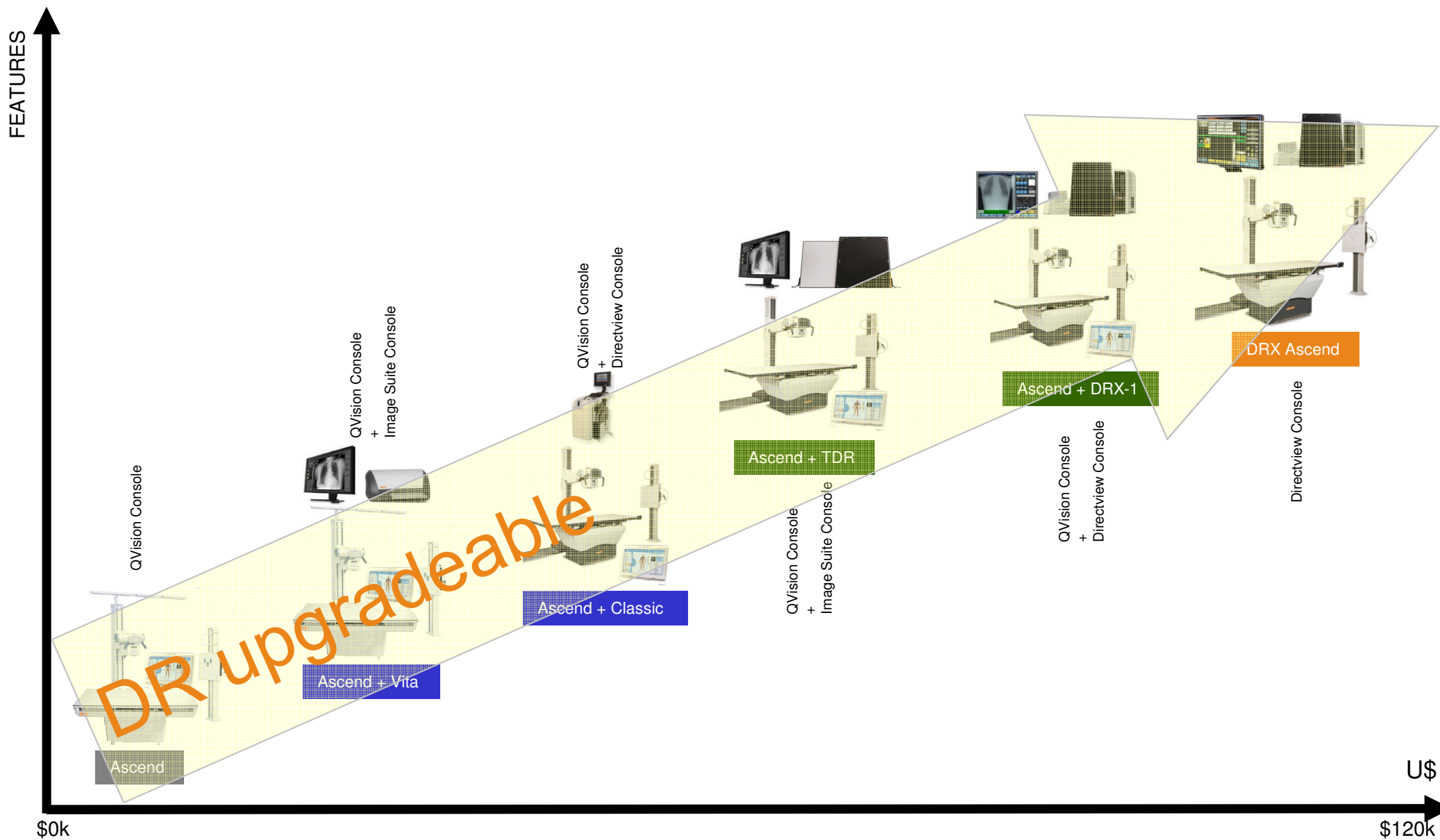
....new ASCEND Solution....

New Colors Schemes



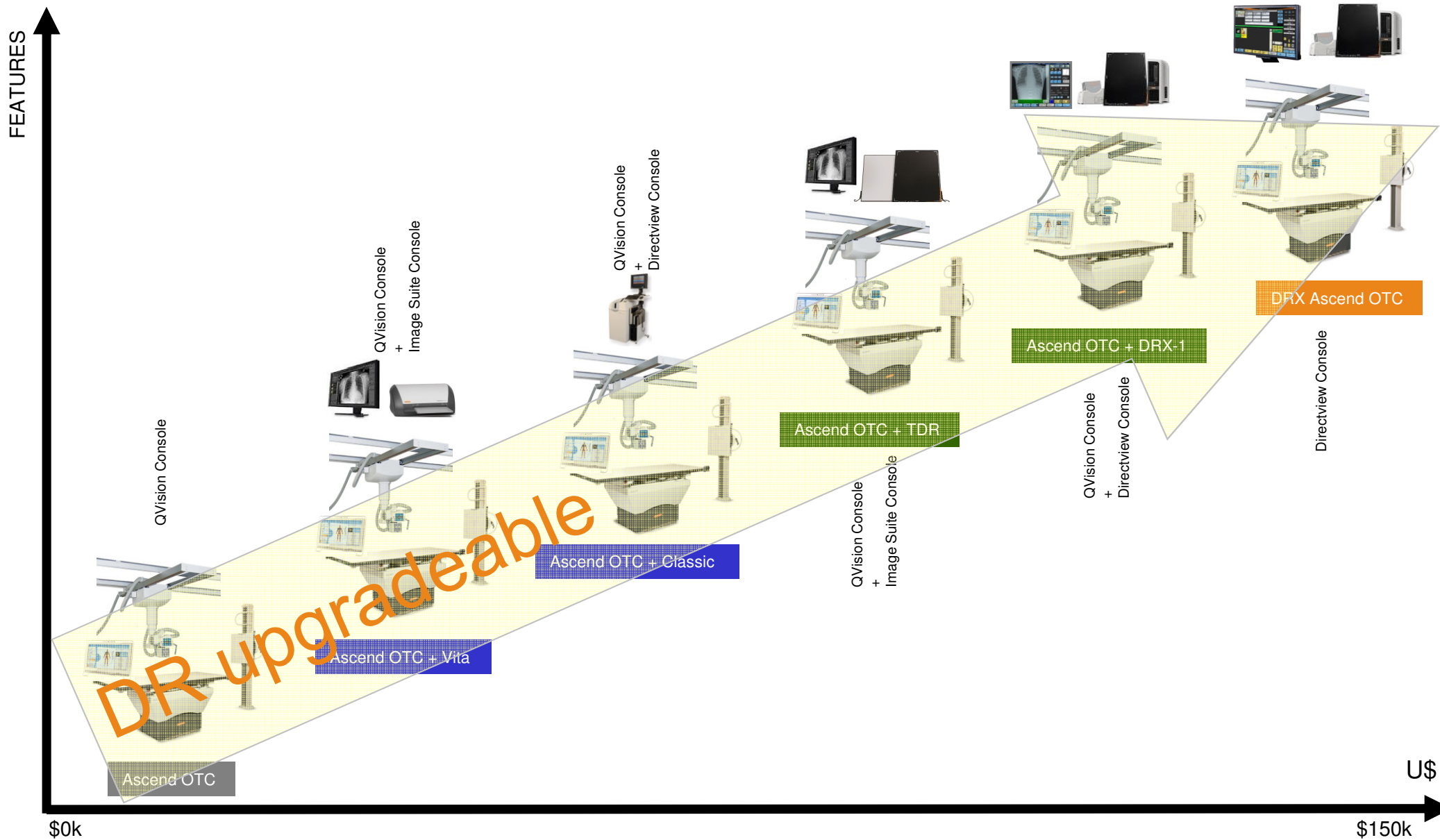
new Ascend Family

Floor Mounted



Carestream Ascend Family

Ceiling Mounted



Technology →

Analog

CR Retrofit

DR Retrofit

DR Integrated

new Ascend - DR Upgrade Capability

General XR System

QVision Console



DR
Upgrade

Fully Integrated DR System



New Ascend DR Upgrade Kit

- Directview Console + Detector
- DR Interface for QVision Generators
 - Not for Odyssey
 - Not for Installed Base

Carestream Ascend OTC– Ceiling Version



“OTC” Overhead Tube Crane

- Telescopic column can achieve up to 70.86" (180 cm) of vertical travel, if installed in a 9'-10.89" (302 cm) ceiling room
- Longitudinal travel range of 137.75" (350 cm), with standard rail length of 14' (426.72 cm)
- Transverse travel range of 84.64" (215 cm) with standard rail length of 10' (304.8 cm)
- Tube rotation about Vertical axis: -154° $+182^{\circ}$, with detents at 0° and $\pm 90^{\circ}$
- Tube rotation about Horizontal axis: $\pm 120^{\circ}$, with detents at 0° and $\pm 90^{\circ}$
- Standard Operator Handgrip incorporates a 10" high quality display screen providing with multi-function switches
- Cable concealment and management system

Includes:

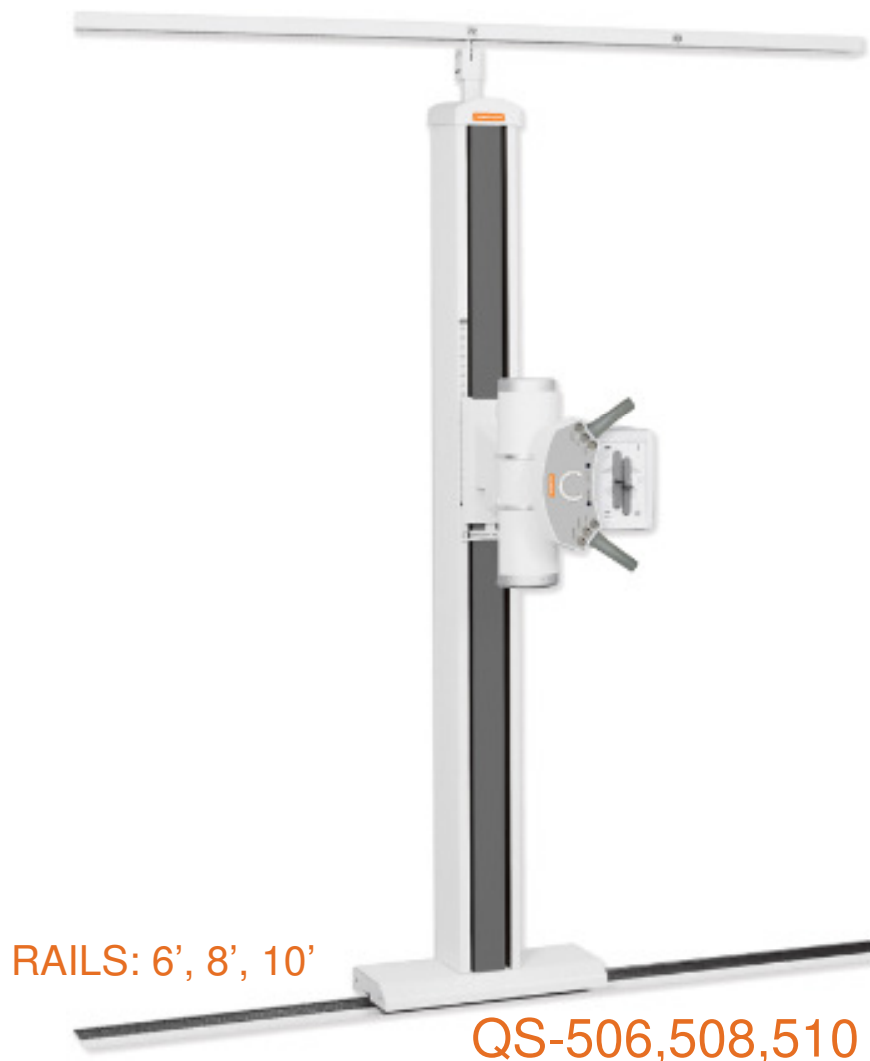
- Unistrut Mounting Hardware
- High Voltage Cables (R70-80S) are included within the harness

NOTES: Power Supply (QS-PS) is required if ordered separately (not required if bought w/system package)

Floor Mounted Tube Stand / 500,506,508 & 510



QS-500



QS-506,508,510

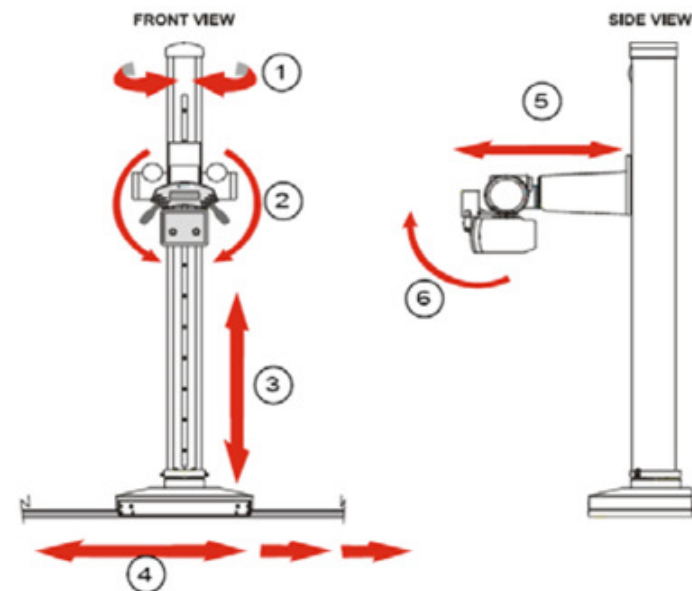
Floor Mounted Tube Stand / QS-550



3m (10') track

TUBE STAND
“Free-Standing”
QS-550

“No Transverse”
QS-550-NT
optional



Generator



GENERATOR

Standard:
50kW

Options:
Stored Energy "SE"
32kW
40kW
65kW
80kW



Consoles

DirectView Console



QVision Console



X-Ray Tube

Standard:
400kHU

Options:
140 kHU
200 kHU
300 kHU
600 kHU



Tables



TABLE

4-way Floating Top

Standard:

QT-750 (elevating)

Optional:

QT-740 (non-elevating)

QT-730 (fixed)

DRX Rotating Tray
is standard;

43x43 Fixed Detector in
the Table is
NOT SUPPORTED

100cm 10:1 grid included,
Removable

3-field AEC included

Wall Stand

WALL STAND QW-420-D

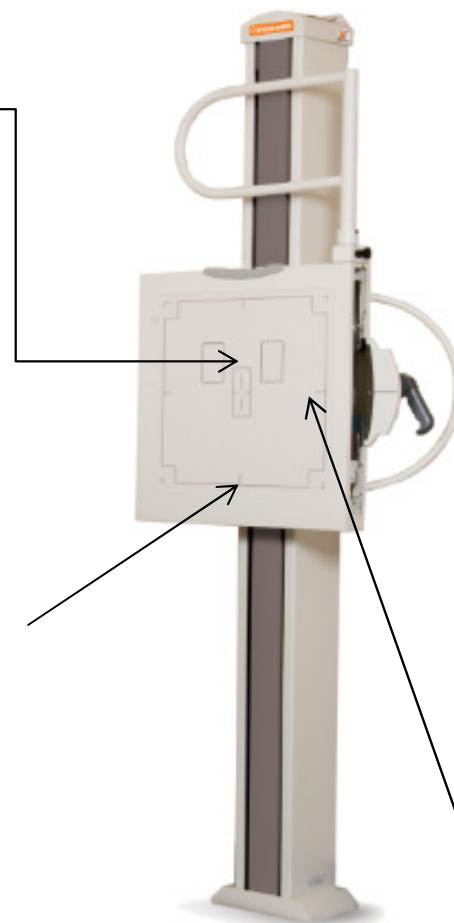
- Left-Hand Load
- Right-Hand Load

DRX Rotating Tray
is standard;



150cm 10:1 grid included;
Grid is removable

43x43 Fixed Detector (GoS or
Csl-DD) is optional;



3-field AEC included

Collimator



COLLIMATOR

Standard:
Manual

Options:
Motorized

DAP Accessory – optional

No More Huestis Collimators

Ralco will replace

TechVision

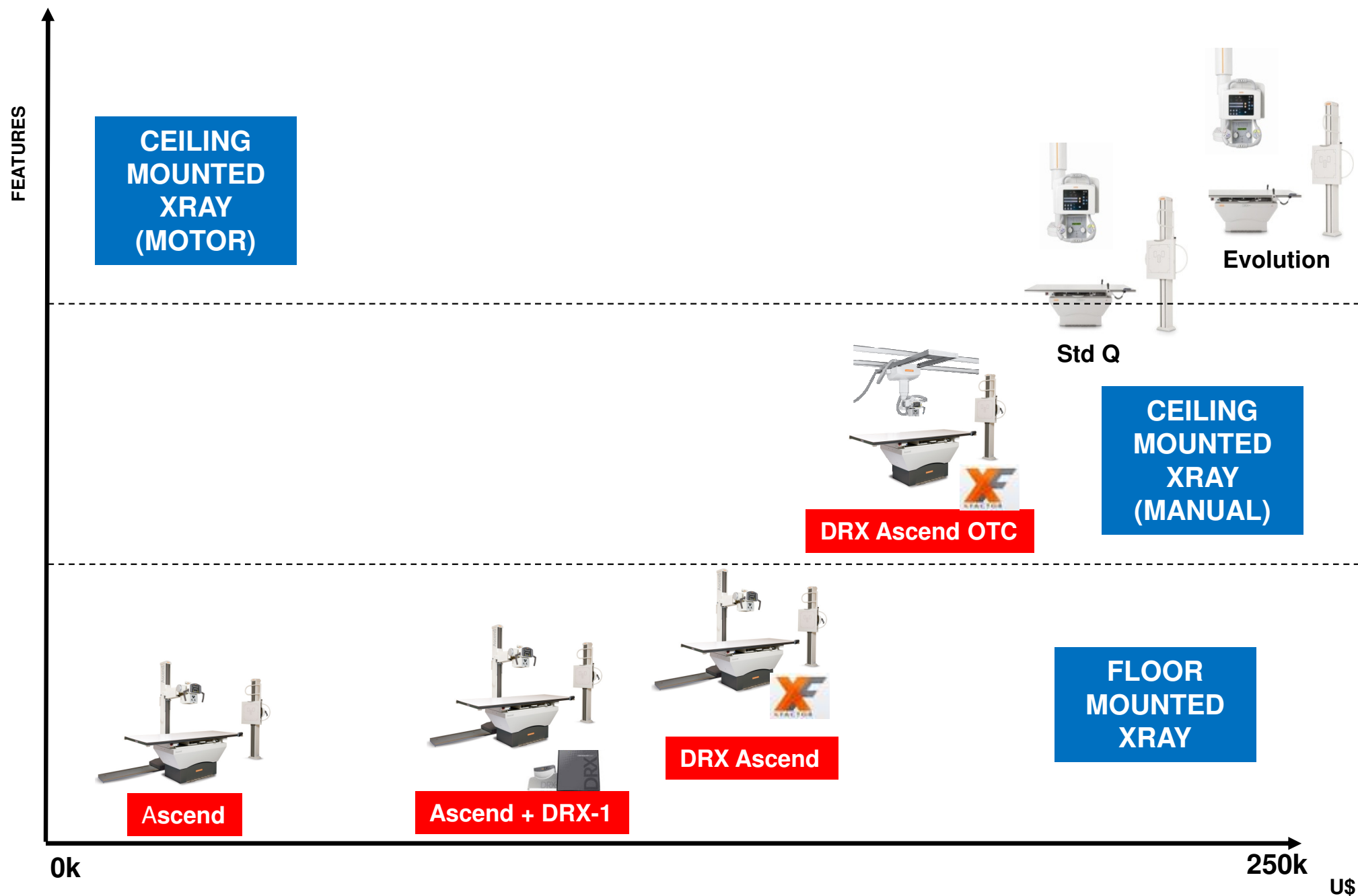
Stay with the patient! Touch interface at the OTC for improved tech workflow



TechVision
with DR Image
Preview
(Standard) Can also
order without
TechVision



Carestream X-Ray Rooms



DRX Ascend OTC vs. DRX Standard Q

Feature	DRX Ascend OTC	DRX Standard-Q
OTC version	QMI	DRX Evolution
OTC Movements	Only Manual – all axis.	Manual or Motorized (only Z axis)
Auto Tracking Option	Not Available	Available (only Z axis)
PBL Option	Not Available	Available
OTC Screen	TechVision	DRX Evolution
Digital Console	DRX Ascend	DRX Evolution
CR Cassettes	Ability to run with all sizes	Only can run with 35x43cm
Table	QMI Table	Standard-Q Table
Wall Stand	Non Motorized WS	Non Motorized WS (option for Tilting WS)

Carestream Ascend – Competitors

Floor Mounted



VS.



GE – XR6000

[XR-6000-Brochure.pdf](#)



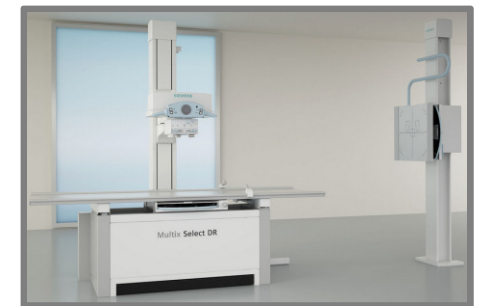
Shimadzu – EzyRAD Pro

[EzyRPro_C511E016.pdf](#)



Fujifilm – FDR Smart

[FFME FDR Smart Brochure.pdf](#)



Siemens – Multix Select

Carestream – Ascend

Right for Today, Ready for Tomorrow

Upgrade to digital whenever the customer is ready!

Carestream Ascend OTC – Competitors

Ceiling Mounted



VS.



GE – Proteus XR/a
proteus_xra.pdf



Shimadzu –
RADspeed MC
XRay_RadSpeed_Manual_Brochure.pdf

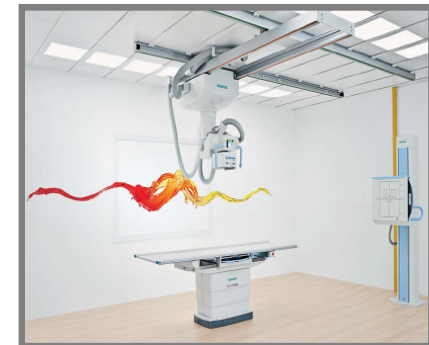


Philips – Bucky
Diagnost

Bucky Diagnost.pdf



Fujifilm – FDR D-EVO
suite (with cassette-sized
trays)



Siemens – Multix
Fusion

Carestream – Ascend OTC

Right for Today, Ready for Tomorrow

Upgrade to digital whenever the customer is ready!

Carestream