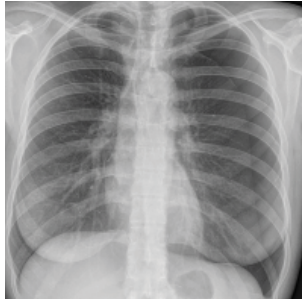# *CR*ESCENDO

Classic Image Suite

Legendary Reputation...Sensitivity to your budget

Quantum
MEDICAL IMAGING
Division of Carestream

CRESCENDO

Classic Image Suite

Simple, Affordable, Powerful—
A Complete Digital Image Acquisition and Management Solution

You're eager for the workflow and productivity benefits of an all-inclusive, integrated digital imaging solution. But traditional CR / PACS bundles are too large, expensive and out of proportion for your needs. Meet *CR*escendo Classic Image Suite - an affordable CR software package created specifically for private practices and smaller clinics. Think of it as a "mini-PACS" solution. It's ideal for optimizing your workflow today, and scalable to meet your expanding needs tomorrow. Most importantly, it delivers high-quality images while streamlining your work flow including capturing, viewing, processing, printing and storing your images. All of this allows you to increase productivity and enhance patient care.

CRescendo Classic CR Reader
- Single Cassette Reader
- Throughput: 69 (35x43 cm.) Plates Per Hour
- 19" W x 22.7" D x 40.5" H – 300lbs.
- Compact footprint for placement in an X-Ray room or X-Ray control console room
- High Speed Mode – 6 Pixels per mm resolution
- Standard Speed Mode – 10 Pixels per mm resolution

Convenient Load Height
Waist high loading of cassettes makes processing easier reducing technologist bending and reaching.

Easy Access Door
The system is designed to keep foreign objects out, but should anything find its way inside, just open the front door and take it out.

Plates Go In, but Cassettes Stay Out
This design reduces the likelihood that contaminants such as tape and lead markers on the cassette will be transferred to the inside of the reader.

Powered by

Carestream

Shown with optional floor mount

Image Suite
A Small Scale Solution, With Large Scale Benefits

Ideal Fit

Image Suite was designed to answer the unique image management needs of smaller facilities.

- Orthopaedic
- Podiatry
- Chiropractic
- General Radiography
- Urgent Care Centers
- Occupational Medicine

Advantages at a Glance:

- Stream lined workflow enables improved patient care
- Scalable design that can grow with your needs
- Fast, simple installation and user training
- EV-A (Enhanced Visualization-Automatic) image processing for high quality images

Image Processing Adjustments - Fine Tune Your Sharpness and Contrast

Optimal Workflow Solution

Image Suite Software, combined with the DirectView Classic, offers a low cost of entry and ownership when compared to a traditional CR/PACS solutions. It's a cost effective way to move to digital imaging where you can enhance your practice's productivity and standard of care by accelerating your workflow and providing more timely patient care decisions.
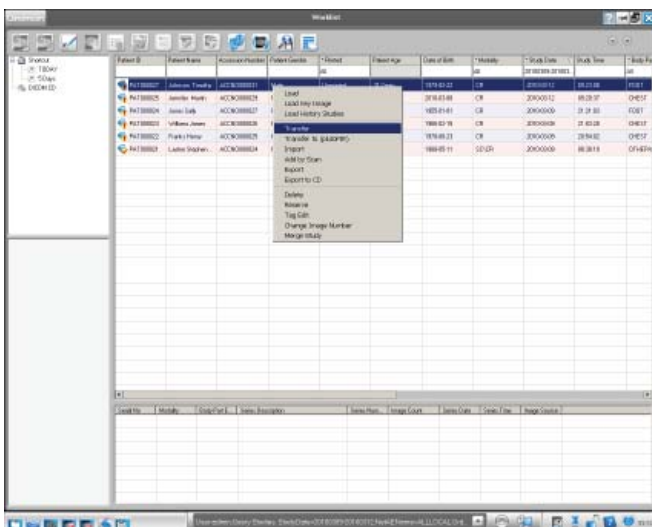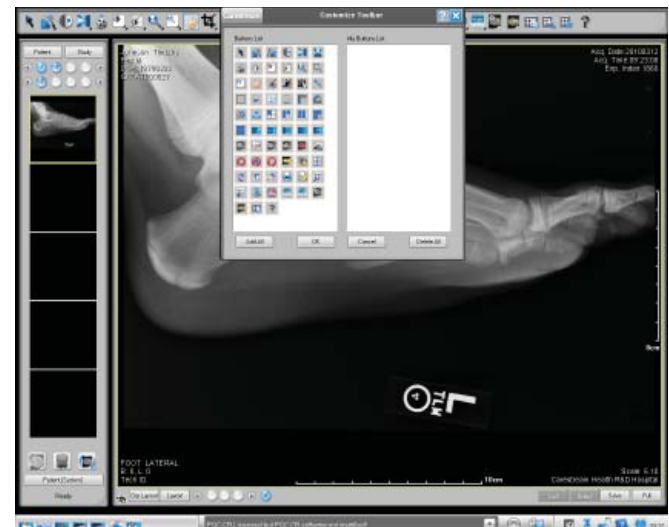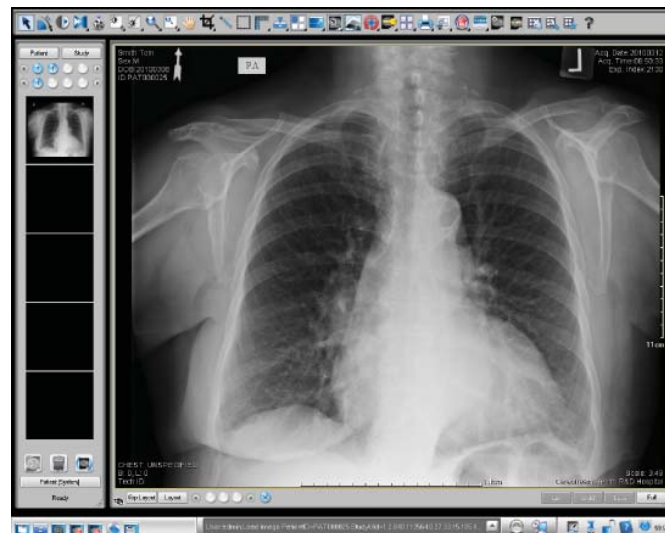

Image Suite Worklist Screen

Image Suite allows for a Customized PACS Tool Bar

A Smooth Integration

The CARESTREAM Image Suite solution is exceptionally easy to implement and operate—so easy, that new users will be operating the system with confidence in one day or less, which translates into significant savings in time and training expense.
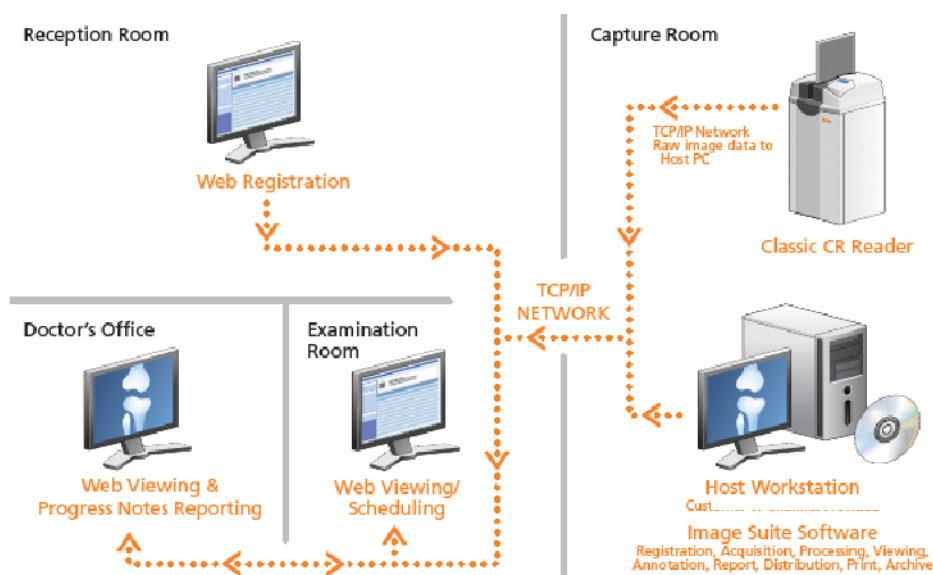
A Robust Workflow Solution

CRescendo Classic Image Suite is feature rich; a powerful image capture, viewing and storage solution. You'll capture and manage images quickly, streamlining your processes and offering your patients shorter waiting times. It can support up to eight concurrent web viewer sessions (System comes with four). Moreover, because raw image data is available at the host workstation you can always recover any marginally processed image. So you'll experience optimal image pre-sentation on any display monitor with no "failed processing" of images—again, saving time, reducing retakes, simplifying workflow, and increasing productivity.

A Growth Opportunity

This software is designed to expand with your evolving requirements—flexible and scalable, you can easily add features and capabilities as your practice grows. Image Suite allows you to interface with other modalities using DICOM Store as a Service Class Provider. And all Image Suite systems include a CD/DVD burning feature coupled with Single Media Archive, allowing you to build a patient image library where images can be stored and recalled easily and quickly.

Available options include:
- Report writing capability
- Long-Length Imaging Software
- Additional web viewer connections/sessions

Reception Room

Web Registration

Doctor's Office

Web Viewing & Progress Notes Reporting

Examination Room

Web Viewing/ Scheduling

Capture Room

TCP/IP Network Raw image data to Host PC

Classic CR Reader

TCP/IP NETWORK

Host Workstation
Cust

Image Suite Software
Registration, Acquisition, Processing, Viewing, Annotation, Report, Distribution, Print, Archive

CRESCENDO

Classic Image Suite

Product Specifications

Dimensions of Reader
- Overall height = 40.5 in. (102. 87 cm)
- Width = 19.0 in. (48.26 cm)
- Depth = 22.7 (57.66 cm)
- Weight = 300 lbs (136 kg)

Dimensions of floor stand
- Height = 43.9 in. (111.51 cm)
- Width = 30.7 in. (77.98 cm)
- Depth = 22 in. (55.88 cm)
- Weight = 100 lbs (without keyboard holder)*
(45.5 kg) 115 lbs (with keyboard holder)*
(52.3 kg) *Does not include PC, monitor, keyboard, or barcode reader

Cassette sizes
Plates per hour (high speed scan mode)
- 18 cm x 24 cm 77
- 24 cm x 30 cm. 58
- 14" x 14"/35 x 35 cm 77
- 14" x 17"/35 x 43 cm 69
- 15 cm x 30 cm (Dental). 92
- 35 cm x 84 cm (Long Length) 68

Time to first image
- 33 seconds
  (35 cm x 43 cm, high-speed scan mode)

Grayscale resolution
- Acquisition: 16 bits per pixel
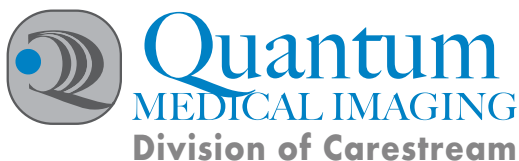- Display: 12 bits per pixel

Monitor
- 22" flat panel monitor, 1280 x 1024

Power
- 100/120V AC 50/60Hz 10A
- 200/230V AC 50/60Hz 5A

Regulatory
- FDA
- CE mark
- cTUVus mark
- TUV T mark

Additional System Features:
- CR Classic Single plate Reader with Automatic Cassette/Plate Handling
- 1 TB HDD x 2 Level 1 RAID
- Storage capacity for over 100,000 images
- 22" FP High Quality 1280 x 1040 Monitor
- Gridline Suppression Software
- Black Surround Masking Software
- CD/DVD Software with embedded Carestream DICOM Viewer

- DICOM Modality Worklist
- Low Exposure Optimization Software
- DICOM Store/Print
- Web Registration Software
- Web Viewing
- Two 14x17 Cassettes and plates
- Two 24x30 Cassettes and plates
- 2 Year Parts Warranty – Classic Reader
- 2 Year Warranty – Cassettes/Plates

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