

Top 10 Reasons to Upgrade to LEADTOOLS Medical Imaging Version 14:

1

DICOM Digital Signatures

Build secure applications and meet HIPAA regulations. LEADTOOLS is the first commercial toolkit to add comprehensive support for the DICOM Digital Signature Profiles.

2

Enhanced Display Capabilities

The enhanced display engine includes full and robust support for overlays, modality LUT, VOI (volume of interest) LUT, palette color images, and presentation state. Achieve flicker-free display by enabling double-buffering and implement window leveling with ease.

3

DICOM Print SCU Support

Add full DICOM printing support to an application in minutes with the new high-level DICOM Print support.

4

New Powerful Annotations (image mark-up)

New objects include a Text Pointer object that can be used to place text anywhere on an image and precisely point to the area of interest. New Curve objects make drawing freehand curves a snap. There is a new Poly-Ruler object used for chaining multiple rulers together, while maintaining a running total of length. To provide a superior means of security and privacy, LEADTOOLS now has an Encrypt/Decrypt object to encode an area of the image. And, if LEAD does not have a predefined annotation to meet your requirements, you can now create your own custom definable Annotation objects for an infinite number of possibilities.

5

100 New Image Processing Functions

Multi scale enhancement (optimize CR and DR images), adaptive contrast enhancement (ACE), digital subtraction angiography (DSA), fast Fourier transform, mathematical functions (square, log, square root, sine and cosine), find the skeleton of regions, add weighted bitmaps, local histogram equalize and much more.

6

DICOM Waveforms

Support for waveform storage and communication: this includes hemodynamic curve data, cardiac electrophysiology and electrocardiography (ECG). Add report dictation through the support for the new Basic Voice Audio class.

7

Latest DICOM specification

Includes all new DICOM objects, modules and elements. Support new medical hardware and devices.

8

Context Groups in DICOM

The use of Coded Concepts in DICOM facilitates unambiguous communication of concepts or terms. LEADTOOLS Medical Imaging Products now support all the context groups defined by the "DICOM Content Mapping Resource (DCMR)", that are specified by PS 3.16 of the DICOM Standard.

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Get More for the Same Price

With the purchase of a LEADTOOLS Medical Imaging toolkit you get these extra products: LEADTOOLS Medical Annotation Module, LEADTOOLS Multimedia, LEAD MJPEG Codec, LEAD JPEG2000 Codec, LEAD DirectShow DICOM Read Filter, LEAD DirectShow DICOM Write Filter and LEADTOOLS Multimedia Filter Pack. Additionally, the LEADTOOLS DICOM Communication Module and DICOM Security Module are now included with the LEADTOOLS Medical Imaging Suite

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All New Demos with Source Code

Just copy and paste from more than ten new demos that cover DICOM modality work-list SCP, overlays, annotations, digital signatures, waveforms, changing transfer syntax, printing, verification and storage service.