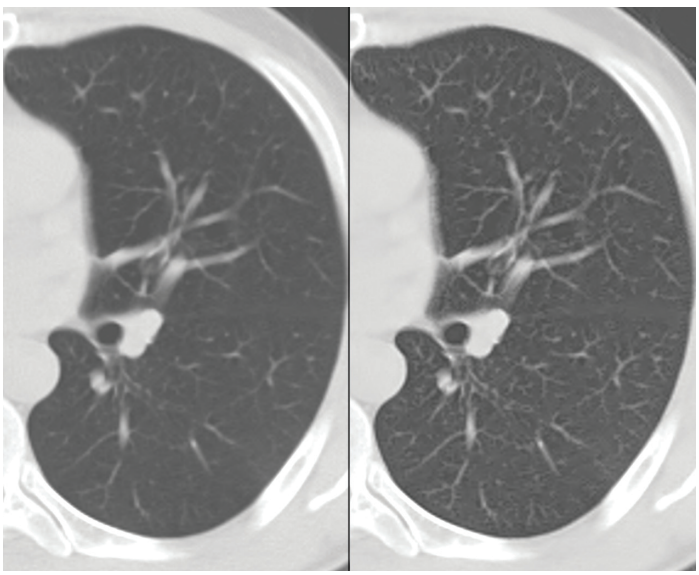
Clarity CT Solution

The Proven Independent CT Dose Reduction Solution With Superior Image Quality

Do what many other dose conscious facilities have already done; Rely on Clarity™ to give your patients and your budget a break.

Clarity CT Solution Advantages

- Enables lower dose without compromising Diagnostic Confidence
- Iterative Adaptive Post-Processing (IAPP) allows for concurrent Optimization of edges and 3D structures
- Anatomic / view specific algorithms for optimum details of texture, scale, and morphology
- Extends useful life of CT scanners
- Use Clarity with any make and model – optimize all your CT scanners now, at the lowest possible cost
- Proven technology introduced 2006 with a continuously improving and evolving algorithm



Original lung image from CT **Clarity** Optimized Image

SEE MORE WITH LESS

Reduce your dose and improve your images

sapheneia

Bringing Clarity to Light

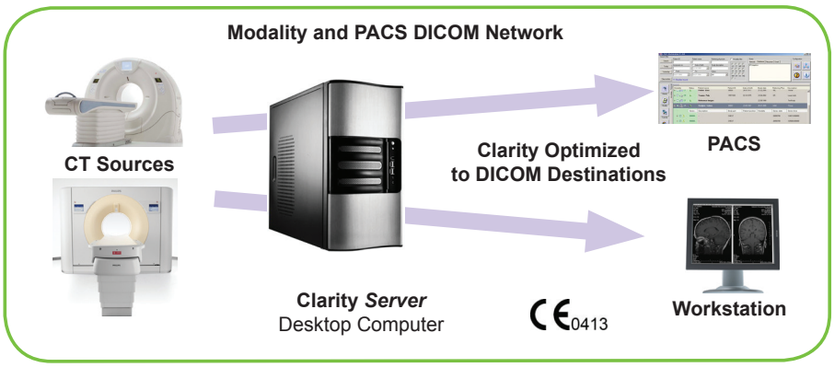
www.sapheneia.com • info@sapheneia.com

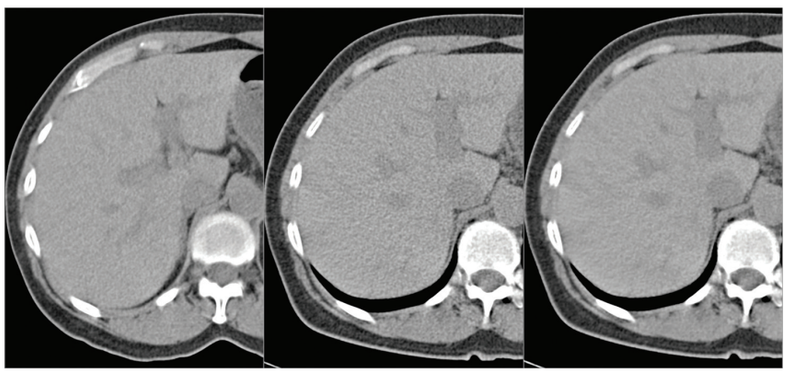
Sapheneia CT flyer.pdf 1 10/20/14 3:53 PM

Transparent and flexible

SERVER BASED TECHNOLOGY

Clarity CT Solution uses Clarity Server to process the data. Clarity Server is placed between the CT Console and destination device(s). It acts as a DICOM node receiving DICOM 3.0 compliant image data. The DICOM images are processed by the Clarity Server and the optimized studies are automatically forwarded to the destination(s) without delay. These destination(s) are DICOM nodes, typically a PACS server and dedicated Workstations.





Standard dose liver image from CT

30% dose reduced liver image from CT

30% dose reduced Clarity optimized image

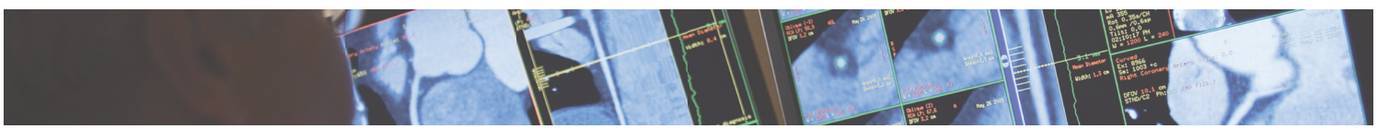
REMOTE TUNING ALLOWING:

- Shorter and less intrusive installations
- Fine-tuning of protocols
- Further dose reduction
- Addition of new low-dose protocols

Proven Performance

- ”Not only were we able to decrease the radiation dose on average by 40%, but we were also able to increase our patient referrals for CTs by 15% following a promotion regarding implementing Clarity.” Ken Zito, Center Administrator, Premiere Diagnostics
- Washington Hospital Center ER Room, 2 years full use, over 40.000 patients with an average of 25% dose reduction,100% up-time
- ECRI recommended (ECRI Institute. *Health Devices 2011 Mar;40(3)*)

CE 0413



© Sapheneia SM0702V013

sapheneia
Bringing Clarity to Light

CT_Brochure_eb1.indd 2 11/6/12 1:07 PM