

# Signs that your medical display needs an update

Today's medical displays have improved significantly compared to several years ago. Here are some of the biggest display technology advancements - and their clinical, operational, and financial impact. Is it time for you to modernize?

	THEN	NOW	BENEFIT
CLINICAL	<b>CCFL BACKLIGHT</b> 	<b>LED BACKLIGHT</b> 	LED backlights are 25% brighter than CCFL lamps. The brighter the display, the more image detail you'll see on screen so you can detect subtle lesions more quickly, reducing windowing and leveling time and allowing you to read more studies each day.
	<b>IMAGE UNIFORMITY</b> 	<b>COLOR UNIFORMITY</b> 	Increased regional standards around image uniformity are driving the need for perfectly uniform grays and colors on screen. This is guaranteed with our Color PPU technology, on the pixel level!
	<b>NO SPECIAL TOOLS</b> 	<b>CLINICAL WORKFLOW TOOLS</b> 	Work smarter with our specially designed toolset for radiologists. These tools will help you enhance clinical details, reduce eye fatigue and accelerate workflow.
OPERATIONAL	<b>DESIGN</b> 	<b>COMPACT DESIGN</b> 	Our latest display designs are ideal for mounting on ergonomic arms and tables. They are lighter and take up less space on the desktop too.
	<b>2 GRAPHICS CARDS</b> 	<b>1 GRAPHICS CARD</b> 	Our newest graphics controllers can drive more displays, so you may only need 1 graphics card to control the workstation. And managing the quality of displays with QAWeb is easier too, via standard USB communication. For a clean and simple IT infrastructure.
FINANCIAL	<b>HIGH POWER</b> 	<b>LOW POWER</b> 	Our latest medical displays reduce power consumption by 20% and produce less heat, requiring less cooling. What's more, they feature low power modes for optimal energy and cost efficiency.
	<b>20,000 HOUR LIFETIME</b> 	<b>40,000 HOUR LIFETIME</b> 	New displays shine brighter and last up to 50% longer, providing an excellent return on investment. It means the cost per run time hour is \$0.37 vs. \$0.75 with older CCFL displays.

Did you know our flagship diagnostic display, Coronis Uniti®, has proven to increase the detection probability of small microcalcifications by up to 30%?

Tom Kimpe and Albert Xthona. "Quantification of detection probability of microcalcifications at increased display luminance levels." Breast Imaging. Springer Berlin Heidelberg, 2012. 490-497.

I have found abnormalities using SpotView™ even though I thought I had finished searching a case. This tool is very impressive when evaluating calcifications for possible call-backs when reading screening mammograms.

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