Insights from the KLAS 2013 Digital X-ray (DR) Performance Report CARESTREAM DRX-Evolution System





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Providers are seeing the benefits from growth in DR wireless detector capabilities. It is now the go-to technology for many facility's DR room replacements. This feature helps with workflow, making the job nicer for radiology technicians, and radiologists.

KLAS Research recently published a report on customer perceptions of DR capabilities and the performance of DR supplier companies: "Digital X-Ray Performance 2013: Wireless and Workflow in Focus"¹, May 2013. KLAS Research is a company which is known for providing accurate, honest, and impartial ratings of healthcare technology to help providers make informed decisions.

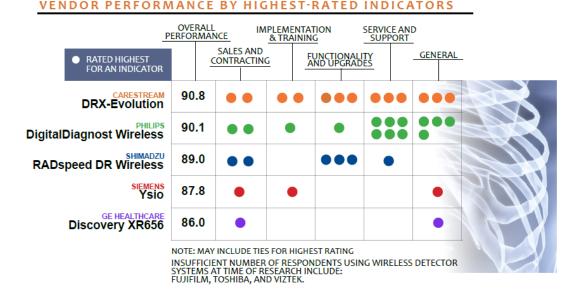
According to providers, the top most impactful features of DR are

- 1. Wireless Detectors
- 2. Stitching
- 3. Post-processing Tools
- 4. Auto Tracking
- 5. Tube-side display / controls
- 6. Dose control functions

In addition to Carestream, the other DR suppliers evaluated include Fujifilm, GE Healthcare, Philips, Shimadzu, Siemens, Toshiba, and Viztek.

The Carestream DRX-Evolution had the highest overall performance of all DR technology evaluated (Figure 1). Carestream moved ahead of the historical leader Shimadzu, based on the wireless detector success with the DRX-Evolution. The ability to move detectors between different rooms or mobile x-ray systems is key for many providers.

Figure 1:

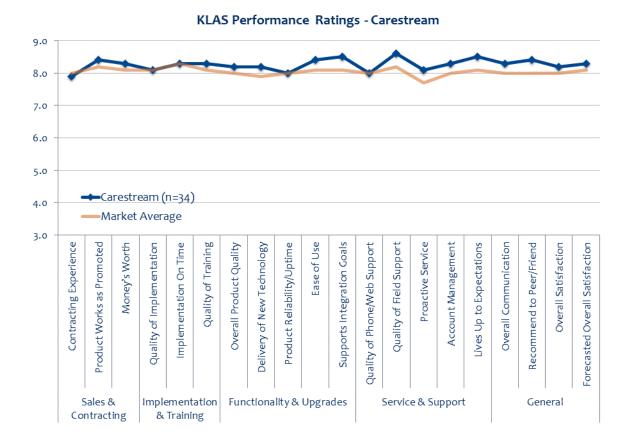


One of the most significant aspects driving appeal of the Carestream DRX-Evolution wireless room is its intuitive user interface (According to the report, Carestream is top rated for usability). It allows great patient throughput. The GUI is easy-to-use and intuitive, and it is consistent across CR and DR offerings allowing an easy transition.

For each of the 20 attributes that KLAS measures, Carestream exceeds the market average most significantly for quality of field support and proactive support (Figure 2). The Carestream DR offers great image quality and reliability. All these attributes contribute to a high level of satisfaction with the technology. Providers using Carestream are more likely to recommend their DR to their peers and friends than the segment average.

According to providers in the report, some competitors to Carestream are being held back by having lower reliability (GE) causing more downtime and lower patient throughput. Also, some competitors were rated with a lower robust ability to track and monitor dose (Toshiba, GE, and Fuji).

Figure 2:



¹Digital X-Ray Performance 2013: Wireless and Workflow in Focus. May 2013. 2013 KLAS Enterprises, LLC. All rights reserved. www.KLASresearch.com