

Kodak's Health Imaging Products HELP IMPROVE PRODUCTIVITY, PATIENT CARE AT BOSTON- AREA HOSPITAL



The Kodak DirectView DR 9000 is a device that digitally captures a medical image and produces a digital image on a monitor within seconds.

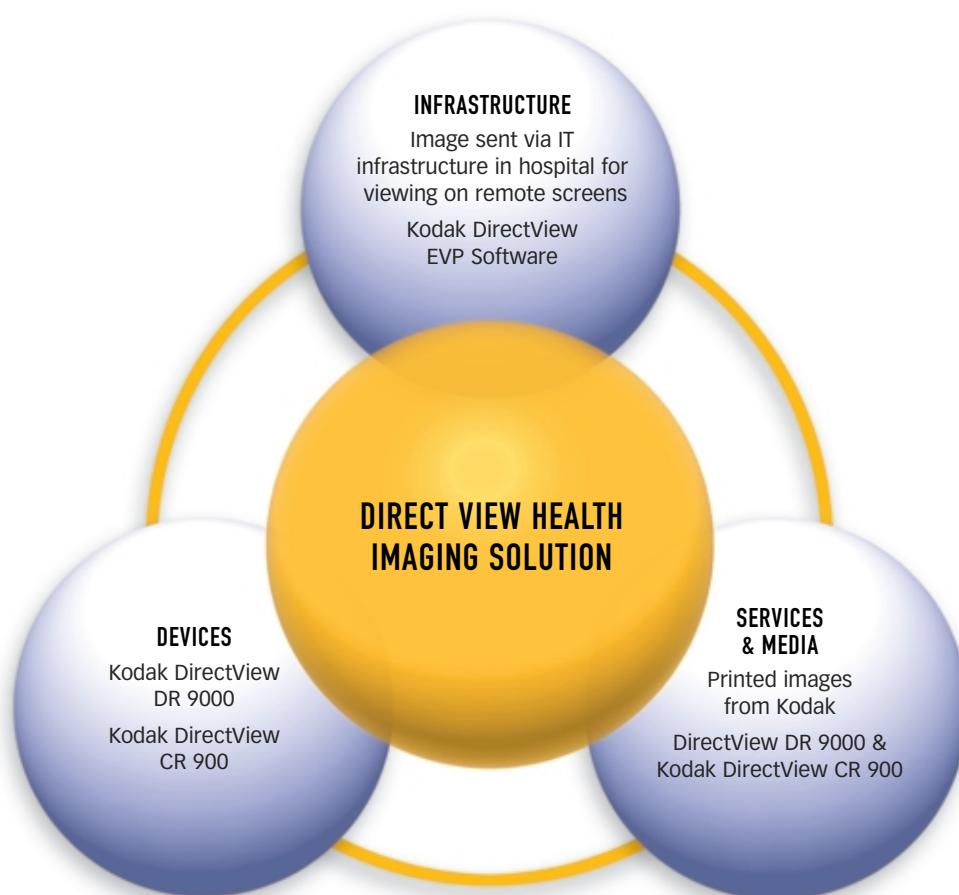
OVERVIEW: BEFORE INFOIMAGING

Before infoimaging, the medical imaging process was lengthy and costly. A traditional X-ray image would be taken in an examination room. From there, the film would be taken to a lab to be processed, and then someone would have to carry the image to a doctor for review. After a diagnosis was made, someone would have to log the patient's information, attach it to the image, and place both pieces of information in a folder to be filed. Because of the number of steps involved, more staff was necessary, images could be lost or misfiled, and the time between imaging and diagnosis was long.

INFOIMAGING IN ACTION

Seeking a better way, Newton-Wellesley Hospital, a 200-bed facility outside Boston, purchased a suite of Kodak's Health Imaging products that combine devices, infrastructure and services/media to increase productivity, improve patient care and assist with the migration toward digital imaging. The hospital is using Kodak DirectView DR 9000 and Kodak DirectView CR 900 systems. The Kodak DirectView DR 9000 is a **device** that digitally captures a medical image—most commonly, the head, chest, extremity or abdomen.

Within seconds, the digital image appears on a monitor at a nearby workstation. Because the DR 9000 quickly produces images, radiologic technologists can immediately determine if additional image captures are required without having to move the patient. The radiologist also can opt to print the image from the workstation (**media**). Newton-Wellesley also uses the Kodak DirectView CR 900 computed radiography system. An X-ray is captured by the hospital's traditional imaging equipment on media contained within a Kodak DirectView cassette (**media**) containing the image is then placed in the Kodak DirectView CR 900, a device that digitizes the image. The digital image can then be transmitted via a network (**infrastructure**) to one of two Kodak DirectView Remote Operations Panels in examination rooms. To enhance the image quality from the CR 900, the hospital uses Kodak DirectView EVP software (**infrastructure**), preserving contrast and detail while increasing latitude. Additionally, images from the CR 900 can be printed (**media**) using a Kodak DryView 8700 Laser Imager and Kodak DryView Laser Film.



Newton-Wellesley is now considering the implementation of a Kodak DirectView PACS (picture archiving and communications system) that will enable a patient's images to be archived and sent to physicians at remote locations via telecommunications and data networks.

INFOIMAGING'S IMPACT

- The Kodak DirectView DR 9000 handles about 30 percent of the radiology department's 100,000 imaging studies annually, and administrators are evaluating the purchase of an additional system for their emergency room.
- With the hospital's radiology department converted to digital technology, Newton-Wellesley is now considering the implementation of a Kodak DirectView PACS (picture archiving and communications system) that will enable a patient's images to be archived and sent to physicians at remote locations via telecommunications and data networks.

For information on Kodak's Health Imaging Division, go to www.kodak.com/go/health or contact your Kodak representative at 1-877-865-6325 ext. 227 (United States only).

For more information about infoimaging, go to:
www.kodak.com/go/infoimaging