



## Case Study

### **Brilliant Science and Innovative Thinking: Planar Displays are an Intelligent Choice at Einstein Healthcare**

“Planar was one of the first display companies to see the potential of using large format, high-resolution monitors to replace conventional two-monitor displays. They’ve implemented that strategy very well.”

Terence Matalon, MD FACR FSIR  
Chief of Radiology  
Albert Einstein Healthcare  
Network

Albert Einstein Healthcare Network in Philadelphia was named in inspiration for advancing medical care in an intelligent, compassionate way. Known for brilliant science and innovative thinking, the medical center’s 6,000 employees and 1200 physicians place continual emphasis on enhancing quality of care and service.

In keeping with that mission, Einstein has a filmless, state-of-the-art PACS (picture archiving and communications system) that is a national demonstration site for other hospitals. One feature of that PACS is a unique reading room, which they designed and built from the ground up with careful choices in hardware, desks, tables, chairs and lights. Every detail is designed to support the best patient outcomes.

#### **Planar’s Color Landscape Displays Offer More Productivity**

The Einstein PACS is standardized on Planar Dome™ displays. The Planar displays are scattered across several locations with 70 percent at the main hospital and most of the others at a sister hospital staffed with Einstein radiologists as well as an active outpatient imaging center.

When the medical center decided to upgrade 35 of its color PACS workstations, Einstein replaced its two-monitor displays with Planar Dome E4c single-monitor landscape displays. Einstein is using the displays for cross-section modalities that use color and/or 3-D reconstructions of CT, MR, PET and nuclear medicine studies.

The Dome E4c eliminates two bezels and has a virtual two-monitor system housed in a single large-format landscape monitor. The wide-screen format simplifies comparison studies by eliminating the image split that is caused by the bezel in a dual-head monitor. The displays offer more screen space to show multiple images, which in turn increases productivity.



Planar Dome E4c

"There's no question the Dome E4cs are more ergonomic than dual-head monitors," says Terence Matalon, MD FACR FSIR, Chief of Radiology for Einstein. We didn't expect such high acceptance of them, but the perception of our clinicians is that these displays not only eliminate two bezels, they offer a more pleasing and better quality image than the color displays we had in place before."

#### Dome Dashboard an "Essential Tool"

Dr. Matalon also regards Dome Dashboard™, as a reason to standardize on Planar Dome. Dome Dashboard is a console application that allows anyone to manage and monitor the performance and calibration of Planar PACS displays from one central location.

"Anything that will reduce the work associated with quality assurance is a tremendous value add," he says. "We certainly view any kind of remote standardization of image quality as an essential tool."

"As we grow, the number of work stations increases, necessitating uniformity of images across the enterprise," says Dr. Matalon. "Being able to monitor those from a central location is essential for larger deployments."

#### Planar Service: An Intelligent Choice

Dr. Matalon says service was another factor in choosing Planar. "There's no question that issues arise in deploying any new product," he says. "Planar's service people did a wonderful job in mitigating any issues there were. Our deployment was very smooth."

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