

Albert Einstein Healthcare Network



Why Fuji?

“We are very pleased with our partnership with Fuji and the performance of their digital x-ray and PACS technology. The productivity of our doctors has improved markedly, and communication among staff has been significantly enhanced.”

Dr. Terence Matalon
Chairman
Department of Radiology
Albert Einstein Medical Center
Philadelphia, PA

Teaching facility finds win-win for radiology and IS

PHILADELPHIA, PA: With five facilities located throughout the Philadelphia area and an annual procedure volume of more than 250,000, the Albert Einstein Healthcare Network (AEHN) needed a PACS that could readily meet their multi-site demands while also growing with them and adapting to the changing radiology environment. So they selected Fuji's Synapse® PACS which has provided the versatility, scalability and technological advantages they need. AEHN has also installed a number of FCR digital x-ray systems.

“We are very pleased with our partnership with Fuji and the performance of their digital x-ray and PACS technology,” said Dr. Terence Matalon, Chairman, Department of Radiology for the Albert Einstein Medical Center, the Network's largest hospital. “The productivity of our doctors has improved markedly, and communication among staff has been significantly enhanced. Most importantly, we are able to offer better patient care as a result of this sophisticated PACS.”

Dr. Matalon and a multidisciplinary team were charged with selecting a PACS for AEHN, which includes three hospitals with a total of 750 beds and two outpatient imaging sites. There are 600 staff doctors and 1,200 physicians affiliated with the teaching facility, so it was important for them to find a PACS with extensive multi-site capabilities that would be easy to use and easy to implement, and also have the capability to grow with them. Although Dr. Matalon had used Fuji's Synapse at his previous facility and was pleased with the results, he said the task of selecting a PACS for AEHN was approached with open minds.

Following an extensive review process Synapse emerged as the clear choice.

“We wanted a PACS that could be fully integrated with our existing network of systems such as our IDX RIS and our clinical notes systems, while also providing high reliability and redundancy. Synapse alone could provide this,” stated Dr. Matalon. “Synapse, which is Web-integrated at every level, has proven to be easy to install, use and update. Furthermore, it works in concert with Fuji CR and is expected to easily incorporate the upcoming transition to digital mammography.”

SYNAPSE
Intelligent Connectivity

 **FUJIFILM**



“Fuji’s Synapse PACS is a win-win for everyone. Our staff benefits, our patients benefit and each facility in our healthcare network benefits. We made the right choice when we selected Synapse.”

Dr. Terence Matalon
Chairman
Department of Radiology
Albert Einstein Medical Center
Philadelphia, PA

Facility Facts

- 250,000 imaging exams a year
- 750 beds
- 600 staff physicians
- 20 staff radiologists

PACS Facts

- 4 acquisition sites
- 32 Diagnostic workstations
- Approximately 4000 Synapse users
- 100 Imaging modalities connected
- Fuji CR
- LastWord HIS
- IDX RIS



The installation was a joint venture among the Radiology and Information Systems departments. The system is centralized at a remote data center three blocks from the Albert Einstein Medical Center. The healthcare system elected to have a system administrator located at each facility so that the PACS could be readily administered from anywhere using the PACS Web administration tools.

All five of the Network’s facilities are now online with full PACS. There are 32 diagnostic workstations and hundreds of additional clinical viewing stations installed throughout the healthcare network. Reviews from users are positive, as the system allows every physician to access Synapse from any location while maintaining full Synapse functionality and image quality. AEHN takes advantage of Fuji’s unique Access Over Networks (AON™) compression technology to ensure their clinical users have superb image quality while stress on the system infrastructure is minimized.

Synapse and its unique features have proven to be invaluable throughout the healthcare network and particularly in the Emergency Department where it facilitates fast, accurate and efficient communication between radiologists and ED staff. Radiology reports print out in the ED regardless of which network facility they were generated from. And the PACS also has the advantage of marking each image with a date and time stamp, which helps to eliminate confusion and miscommunication. The Synapse Notes feature further enhances communication among physicians.

The Radiology Department, which includes 20 radiologists and 24 residents, particularly appreciates innovative features offered only by Fuji’s Synapse PACS. For example, advanced image processing for digital x-ray improves visualization of areas of different densities within the same image. It enables radiologists to see multiple views of the same image, a unique technology that greatly aids in diagnosis.

AEHN radiologists also find Synapse’s advanced Reading Protocol technology helpful for automating the presentation of all information including documents, image processing parameters and results. With just a single mouse click, Synapse Reading Protocols can apply a preset presentation model or specified sequence for a particular study type and comparison choice, eliminating time-consuming tasks such as the manual arrangement of current and historical images.

Dr. Matalon noted that Synapse, which was designed to run using the familiar Windows environment, offers a particular advantage for Albert Einstein Medical Center which has a highly regarded residency and fellowship programs in numerous specialty and subspecialty areas. Presentations can be created quickly and efficiently using familiar Microsoft software, such as PowerPoint. And because Synapse is so flexible, presentations can be easily adapted and fine-tuned for different audiences and different purposes.

“Fuji’s Synapse PACS is a win-win for everyone,” said Dr. Matalon. “Our staff benefits, our patients benefit and each facility in our healthcare network benefits. We made the right choice when we selected Synapse. We look forward to growing with the system and expanding our capabilities even further as Fuji continues its stream of innovative new features.”

Corporate Headquarters
419 West Avenue
Stamford, CT 06902-6300
203-324-2000 • 800-431-1850

2001 Westside Parkway
Suite 165
Alpharetta, GA 30004-7408
770-346-0120 • 888-699-FUJI (3854)

29012 N. Hancock Parkway
Building 7
Valencia, CA 91355-1007
800-431-2861

1055 Stevenson Court
Building 105
Roselle, IL 60172-2300
630-582-2202 • 800-323-2546