



Candelis Case Study

July 2018

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- Albert Fields, IT Manager

Location

Whatcom County, Washington

Mt. Baker Imaging Provides Uncompromising Standard of Clinical Excellence with Candelis Platform

The Situation

Mt. Baker Imaging (MBI) has been serving the radiology needs of Whatcom County, Washington for over 50 years. Reputed for their trustworthy service and quality patient care, MBI is committed to approaching every interaction with compassion, respect, and integrity, while maintaining an uncompromising standard of clinical excellence.

In 2006, when MBI began implementing digital mammography, they found Candelis intriguing because it solved the problem of storing mammography studies efficiently without paying the costly price of storage in the traditional PACS they shared with their partner group.

The Opportunity

MBI was exploring how to store digital mammography without paying the high price for PACS storage in their current PACS system. They began to look at Candelis ImageGrid as a solution because the price per study was multiple times less than their shared PACS. Additionally, the director of mammography at MBI did not want to make mammography images available to the provider community because of the flurry of questions that would come from seeing markups and oddities in the imagery.

Since MBI wanted a cost-effective, yet powerful system, Candelis was the best choice to provide a solution that could easily read, route, and archive digital images. MBI determined that Candelis's ImageGrid could easily integrate into mammography department

Services

- Workflow/Visualization/Image and Object Management
- Scalable Image and Object Management Archive
- Seamless integration of software application and image management system
- Timely and secure sharing of medical study objects
- Cost-effective, and efficient solution for sharing data with radiologists, surgeons, physicians, nurses, and technologists
- Fast Routing

Key Business Challenges

- Cost-Effective Storage Solution
- Vendor Neutrality
- Super Routing

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The Opportunity (Continued)

workflow in addition to storing the study and multiple priors at less than the cost of storing one mammo image with their current PACS system.

The Challenge

At the time, MBI was moving from film workflow to a digital workflow. MBI has two main locations with MR, CT, XR, MG, FL, US, PET/CT modalities. They have a total of 8 locations including satellite locations for XR and do about 160,000 studies yearly of which 20,000 to 30,000 are mammo exams.

MBI was very cognizant of the high expense of storing images. Since mammography reimbursement is minimal, it was imperative that scanning in multiple priors from film would be inclusive of expenses incurred. MBI was able to store a study and multiple priors in Candelis's ImageGrid for less than the cost of storing one mammo image with their current PACS system.

The Solution

Candelis supplied MBI with 2 ImageGrid systems at two different locations. MBI was able to integrate with their Hologic modalities and workstations and provide worklist function from the ImageGrids.

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Candelis also set up systems that could replicate the studies between the two sites by archiving and backing up to Candelis's ASTRA™ cloud, easily optimizing workflow efficiency.

More recently, Tomo (3D) mammography has changed workflow dramatically and MBI had to quickly adapt to the dramatic increase in study size.

“We have always had a great experience with Candelis. Over the years the product has become more refined as the industry has matured. Our ImageGrid units are solid and also serve as high-quality routing servers. We have been through numerous upgrade cycles with Candelis and our solution has been very solid.” added Fields.