



Case Study



Ramapo Radiology Associates

At a Glance

The Problem

- High volume of exams
- Burning CDs was too slow
- Patient experience was suffering
- Large studies took too long to open
- Physicians had to dispose of outdated CDs

The Solution

- CryptoChart

The Results

- Easy to install, no training needed
- Saves time not burning CDs
- Images and reports are opened and read faster
- Reduced packaging and shipping expenses
- Patients have on-demand access and shareability of their images
- Physicians relieved of bulky CDs

The Hero

Steven Ryerson, IT Director of Ramapo Radiology Associates is a highly experienced senior-level expert who has lead the planning, management and installation of vendor solutions since 2002

The Company

For nearly 70 years, Ramapo Radiology Associates has served its community as trusted radiology specialists. They are a full-service radiology practice whose services include: MRI/MRA, CT/CTA, Ultrasound, X-ray, 3D mammography, Bone Density (DEXA) and Nuclear Medicine, as well as performing reads for area hospitals. Their mission is to provide compassionate, caring and high-quality medical imaging to improve the quality of life for their patients and their families.

The Problem

The need for providers and patients to exchange and share imaging has never been more important. Ramapo was seeking a solution to streamline the vital process of sharing patient images and information, which has historically, and often painfully, been facilitated with the use of CDs or other insecure methods of communication.

“We perform over 100,000 exams per year, so speed, accessibility and security in the reading and delivery of medical images are paramount to Ramapo,” explained Steven Ryerson, Ramapo’s IT Director.

“Sharing on CDs was becoming more of a burden. First of all, it took significant time – 10 to 15 minutes – to create CDs. It was brutally slow,” shared Ryerson. Plus, there was the issue of the patient experience. Patients had concerns because they would lose, break or couldn’t access their CDs. And, of course, the referring physicians would have the dilemma of what to do with all of the outdated CDs once they were used.”

Ramapo explored some other solutions, including share-file solutions, but felt they created as many problems as they were solving.

The Solution

Ryerson scheduled a meeting with Novarad to explain his issues and concerns for his patients, referring physicians and employees. He outlined the increasing costs to the company, the inconvenience for his customers and inefficiencies for referring physicians his business was supporting.

Novarad presented an elegant remedy to Ramapo's complex problem - CryptoChart. A simple, yet secure solution, CryptoChart allowed Ramapo to instantly share images with patients and referring physicians using a highly encrypted QR code rather than a CD.

CryptoChart can receive DICOM images from any modality or PACS system. Images are compressed, encrypted and sent to the Novarad Object Vault cloud system. The Object Vault cloud system then returns an encrypted, shareable code to a networked printer. With the printed QR code, patients can easily view and share their images.

"When Novarad gave us a demo on CryptoChart, the first thing I did was to look at it as an IT guy," Ryerson recalled. "I didn't want a system that required a lot of downtime for staff training or a lot of explanation for our patients. CryptoChart was simple for us to implement and easy for the patients to use. We've always had a good experience with Novarad, but it ultimately came down to price and features. We looked at other solutions, but they were astronomically priced."

The Results

"We love it. It's simple and the demo pretty much provided us with enough info to get up, running and efficient. The team was very happy that we didn't have to go through an enormous amount of training," stated Ryerson.

" Our radiology and office staff could very quickly see the value of CryptoChart. I would definitely recommend it. "

Steven Ryerson, IT Director
Ramapo Radiology Associates

Ramapo patients love it because they can view their images on-demand.

"More and more patients want to see their own images. Whether they know what they are looking at or not, they still like to see them," said Ryerson. Today, Ramapo is having success getting their referring physicians to adopt the new technology by educating them about the time they'll save. According to Ryerson, "The CryptoChart QR code opens images so much faster. Physicians can save as much as 10 minutes opening a mammo study."

With CryptoChart, Ramapo Radiology Associates are enjoying:

- Time savings from not burning CDs, opening and reading images and reports faster
- Cost savings from reduced packaging and shipping expenses
- Patient appreciation from having on-demand access and shareability of their images
- Physicians' relief of not having to retain bulky CDs

Learn more and try CryptoChart risk-free for 60 days

 www.novarad.net/cryptochart