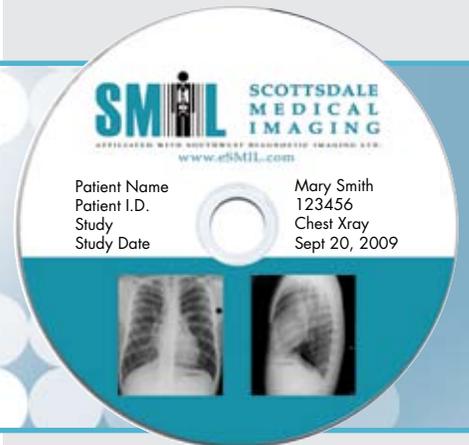# Scottsdale Medical Imaging Depends on Rimage Medical Disc System For Efficient and Effective Medical Image Distribution

SMIL
SCOTTSDALE MEDICAL IMAGING
AFFILIATED WITH SOUTHWEST DIAGNOSTIC IMAGING LTD.
www.eSMIL.com

Patient Name	Mary Smith
Patient I.D.	123456
Study	Chest Xray
Study Date	Sept 20, 2009

Scottsdale Medical Imaging (SMIL) is an outpatient radiology facility focused on providing exceptional healthcare by utilizing innovative technology to help constantly improve their quality of service. SMIL is managed and staffed by more than 40 dedicated, board-certified radiologists and supported by more than 200 skilled technologists and other para-medical professionals. SMIL has been servicing the community of Scottsdale for more than two decades and is the largest radiology group in the area, with ten separate locations for imaging. To meet the high demand for medical image distribution across all SMIL locations and to its customers, SMIL implemented PacsCube software utilizing the Rimage Medical Disc System.

"We were very excited that we no longer had to write the patient information on the CD with a permanent marker."

Andrea Gold, PACS Administrator
Scottsdale Medical Imaging

THE CHALLENGE

Accessing and distributing images in an efficient and timely manner is critical for SMIL's standard of patient care. Thousands of digital images are created each day and stored on a network server. System wide, SMIL produces hundreds of unique discs every day, each containing patient demographics, reports and images. These discs must be created quickly, accurately and professionally. "We have a lot of patients who wait to take their images with them after their study has been completed," says Andrea Gold, PACS

Administrator for Scottsdale Medical Imaging. "Before implementing the Rimage solution, we could only burn one CD at a time, and this process could take between 30 and 60 minutes," explains Gold. "Once the CD was created, the technologist would manually write the patient's name on the disc with a permanent marker." SMIL evaluated other digital publishing solutions but found that none of them could match the speed, throughput or reliability of the Rimage Medical Disc System with the PacsCube Software Suite.

CUSTOMER
Scottsdale Medical Imaging (SMIL)

CHALLENGE
- Storing, accessing, and distributing images efficiently and timely
- Produces accurate discs quickly
- Systems need to keep up with demand and be reliable

SOLUTION
- Delivers fast, accurate, high quality discs
- Replaces labor intensive process saving time (4.5 hours/day) and money (less staff)
- Ability to process multiple jobs without intervention, and prioritize urgent exams

RIMAGE™

ON-DEMAND DIGITAL PUBLISHING™

THE CUSTOMER

Scottsdale Medical Imaging (SMIL)
www.esmil.com

RIMAGE PARTNER

PacsCube by DatCard Systems

Datcard Systems, Inc.

Irvine, CA

www.datcard.com

RIMAGE SOLUTION

• Archival quality discs produced in industry leading time

• Text accurately (data match guaranteed) and permanently printed to disc – easily configured and unalterable

• Discs are uniquely identifiable by an audit trail number located on the disc surface

THE SOLUTION

Scottsdale Medical Imaging purchased its first Rimage system in 2005. SMIL quickly added two more systems that same year and a fourth in 2006. According to Gold, the Rimage systems have created more than 6,000 discs with minimal downtime. "These systems have allowed us to deliver a fast and accurate product to our customers while maintaining the high level of quality and customer care they are accustomed to," Gold says. SMIL now has automated a process that was once arduous and labor intensive, saving time and money.

THE RESULTS

Automation Enhances Workflow

Scottsdale Medical Imaging has been able to increase its CD throughput saving time along with being able to decrease the number of staff needed to produce the discs. The Rimage Medical Disc System with the PacsCube software has allowed SMIL to create discs in less than five minutes, which represents an average savings of 4.5 hours per day. The Rimage system also allows SMIL to process multiple jobs and to prioritize urgent exams. Technologists can submit multiple jobs to the Rimage system, which continuously produces discs without further intervention.

Permanent Printing — Professional Discs

For the past two years, SMIL has used the Rimage Prism*Plus!* Printer to create direct-to-disc imprints for its CD creation. According to Gold, SMIL was able to easily configure the print design and add its company logo to the disc. "We were very excited that we no longer had to write the patient information on the disc with a permanent marker." SMIL now has the ability to produce discs with permanent, professional and accurate images and text written directly to the surface of each disc. Not only is the direct-to-disc printing unalterable, it guarantees the patient data matches the patient demographics imprinted on the outside of the disc.

Audit Trails Aid in Medical Compliance (HIPAA)

The Rimage Medical Disc System also uniquely identifies each disc created with an audit trail number located on the surface of the disc. Any user with the proper credentials can log into the PacsCube system and access its management reports. This feature allows the user to identify every single disc created, the user who created the disc and the patient data contained on the disc. Which aids in Health Insurance Portability and Accountability Act (HIPAA) compliance.

RIMAGE™

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