

HEALTHCARE
IMAGING AND
INFORMATION



Midway Diagnostic Imaging

Patient Name:	John Smith
Patient ID:	654987321
Study:	CT Head
Study Date:	08/05/2008



R I M A G E™

ON-DEMAND DIGITAL PUBLISHING™



Eight Years of Innovation in Healthcare Applications

Failure is not an option when you require timely information sharing, rapid image access and streamlined workflow. Users of Medical Disc Systems benefit from Rimage's eight years of innovation in the healthcare market and almost 30 years of development in disc-based publishing of digital information. As a result of its extensive and ongoing research efforts, Rimage holds over 20 patents in disc recording and direct-to-disc printing technology. More medical applications providers and healthcare users select Rimage systems than any other disc output option—over 5000 units placed in the medical market. It's time to experience the benefits—and the rapid financial return—offered by reliable and productive Medical Disc Systems.

Experience the Fastest, Most Reliable Medical Disc Publishing System in the World

The Rimage Medical Disc System™ (MDS) addresses the healthcare market's need for efficient output of medical images and information onto CD/DVD and Blu-ray Discs™. Rimage's integrated disc recording and direct-to-disc printing allow discs with patient information and images to be queued and created automatically. The Medical Disc System outputs discs with unprecedented speed and reliability—faster than any other disc output system in the industry.

In addition, hospitals, imaging centers and clinics can reduce the expense of producing and duplicating medical imaging output by up to 80 percent using the Rimage Medical Disc System instead of laser imaging film. A single CD, for example, can contain more than 50 radiographic images but costs less than one sheet of film.



SEVERAL SHEETS
OF EXPENSIVE FILM

VS



ONE
DISC

CD/DVD media is an excellent way to store and share medical information because its portable, secure, archival-quality format is easily viewed on standard PCs by referring physicians, medical staff and patients. Discs output by a Rimage MDS are used for:

- Providing patients with copies of their medical information including imaging exams, radiology reports and treatment history
- Distributing patient medical exams to referring physicians
- Sharing exam images and information with other healthcare facilities
- Archiving patient data to comply with HIPAA regulations
- Publishing teaching files and videos used during conferences and physician training

The MDS platform combines cost-effective disc media with labor-saving, automated disc recording and printing from a single networked appliance. As a result, Rimage systems offer the fastest return on investment (ROI) in the industry.

Rimage Medical Disc Systems Lead the Industry

Unmatched speed and throughput

Rimage systems are designed to accelerate disc production and produce archival-quality discs more than twice as fast as competitive products. Boasting the highest throughput capability in the business, the Rimage Medical Disc System can handle heavy workloads while simultaneously providing rapid service to patients and/or physicians. Hospitals, clinics and imaging centers can save hours of labor every day with highly productive Rimage systems that record patient images and information to CD/DVDs and Blu-ray Discs.

Automatic “hands-free” operation

The Rimage Medical Disc System combines state-of-the-art robotics with robust control software. When integrated with medical applications, this system provides truly automatic operation. Moreover, the MDS provides powerful CD/DVD/BD output capability throughout your facility through a seamless networked connection, making digital output as easy as a shared printer.

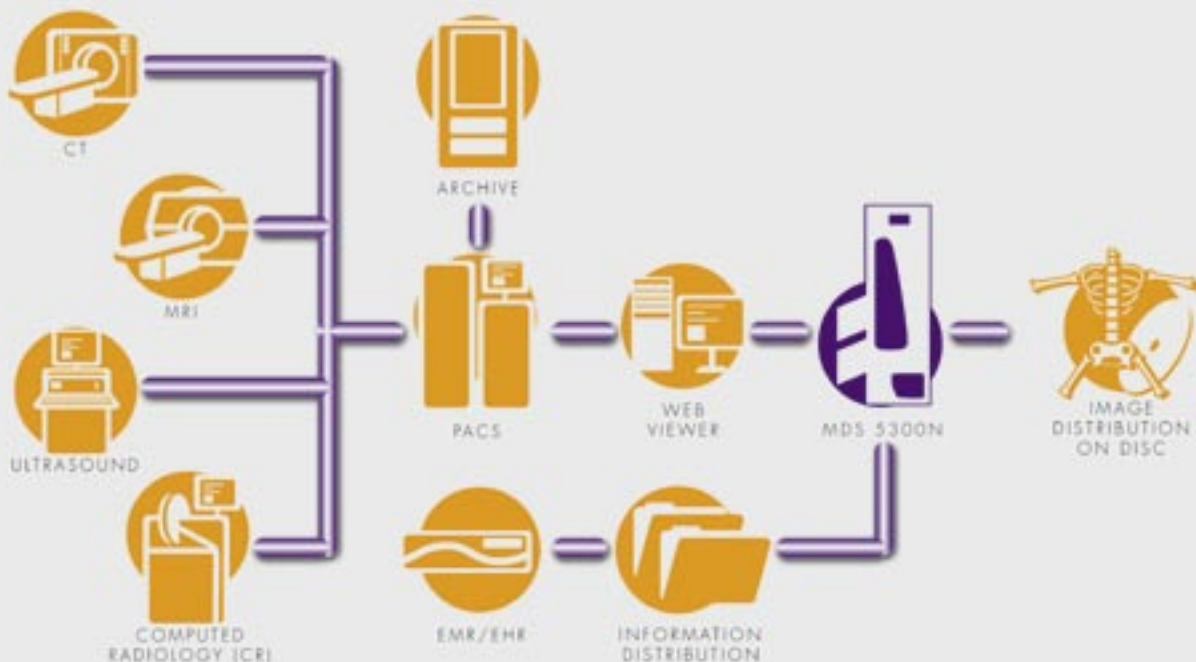
Replace handwritten and paper labels with permanent direct-to-disc printing

In this competitive environment, what healthcare facility wouldn't benefit from producing CD/DVDs with professional full-color images and patient information printed directly to the surface of the disc? Rimage's state-of-the-art thermal retransfer printing system permanently bonds images and information onto the disc surface. Unlike inkjet printing, this information will not scratch, peel or fade over time. Direct-to-disc printing can display a facility's logo along with patient and physician names, type of imaging exam and date. CD/DVDs with high-quality, direct-to-disc labels represent your radiology imaging services to the community—it's time to get rid of handwritten labels and upgrade your image.

DICOM-compliant output

Rimage products are integrated with the biggest names in PACS, modalities and medical software to produce the most robust medical CD and DVD output solutions on the market. These solutions can produce DICOM 3.0 Part 10 compliant discs that enable medical professionals to view patient information on any Windows®, Macintosh®, Linux® or Unix® computer, regardless of the original data source. In addition, most Rimage Medical Disc System solution providers include an embedded DICOM viewer with every disc produced, making it even easier to share medical images and information with both patients and physicians.

PACS Workflow



Robust software delivers productive operation and trouble-free integration

Seven generations of Rimage software means you're buying proven technology. Rimage software anticipates and automatically manages operating conditions and needs—streamlining workflows and maximizing performance. Interfacing with any DICOM imaging modality or PACS system is made easy when using Rimage's Software Development Kit. The Rimage Rapid API™ (Application Programming Interface) makes it simple for solution partners to create customized medical applications for a unified digital output solution.

Near-perfect performance creates optimal uptime

After almost three decades of experience and innovation, the Rimage MDS boasts unsurpassed accuracy and reliability. A modular design and field-replaceable components simplify preventative maintenance and expedite any needed repairs.

Lowest cost of ownership in the industry

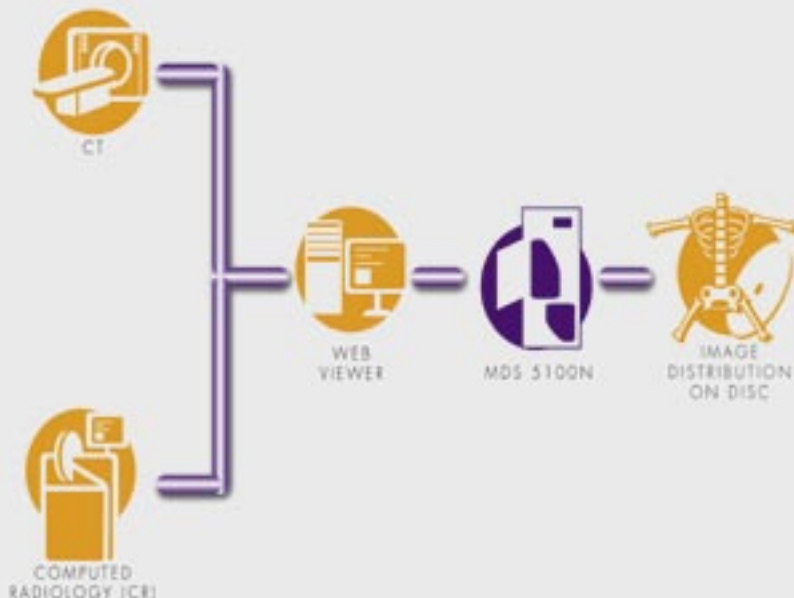
Thanks to unrivaled reliability and advanced direct-to-disc printing technology, Rimage Medical Disc Systems offer the lowest cost-per-disc output in the industry when printing full color labels. The Rimage Everest™ thermal retransfer printing system costs up to one-third less to supply and maintain than inkjet printing systems, and images printed with the Rimage Medical Disc System won't scratch, peel or fade over time.

What customers are saying about the Rimage Medical Disc System

"Rimage systems allow us to create discs in less than five minutes, saving us 4.5 hours per day. Direct-to-disc printing produces an attractive label that includes our logo as well as patient information. This imprinted label is not only more professional, it replaces the time-consuming practice of handwriting patient information on the CD with a permanent marker."

– Andrea Gold,
PACS Administrator
Scottsdale Medical Imaging

Mini/Modality PACS Workflow






Rimage's premier line of Medical Disc Systems feature:

- A powerful control center with an embedded processor that can host your end user medical application, which lowers cost and reduces space requirements
- Support for CD/DVD and Blu-ray Discs
- Thermal direct-to-disc printing that writes patient and facility information permanently onto the disc surface
- Automatic operation that speeds throughput and improves workflow with minimal interaction to meet the most demanding requirements for CD/DVD/BD image and information distribution

A Desktop 2000i with inkjet printing is also available.

Rimage Medical Output Systems

	 Desktop 2000i	 MDS 5100N	 MDS 5300N
Integrated Printer	Inkjet	Thermal Retransfer (Permanent)	Thermal Retransfer (Permanent)
Disc Types available	CD/DVD	CD/DVD or BD*	CD/DVD or BD*
Recorder quantity	2	1	2
Media Capacity (bins x discs)	1 x 100	1 x 50	2 x 50
Dimensions (W x D x H)	16" x 20" x 21"	11" x 24" x 20"	12" x 24" x 29.25"
Control Center (Integrated PC for all-in-one solution)	-	✓	✓
Enclosed Cabinet	-	✓	✓
Field Replaceable Spare Parts	-	✓	✓
Network ¹	-	1 Gb Ethernet	1 Gb Ethernet

¹ Optional external control center with OfficeNet Software Suite provides network connectivity for the 2000i.

*Blu-ray Disc (BD) recorder is optional.

For more information about Rimage Medical Disc Systems or Rimage partners, please visit www.rimage.com/medical or call 1-800-445-8288.

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