

PACSGEAR Case Study DICOM CD/DVD Burning

Cayuga Medical Center is a not-for-profit, acute-care medical center with 204 beds, bringing state-of-the-art diagnostic and treatment services to the residents in the Ithaca, New York area.

During the transition to an all-electronic healthcare record in the U.S., facilities from standalone imaging centers to multi-site healthcare networks will continue to burn and print DICOM CDs for distribution to physicians, patients and outside organizations. Whether low- or high-volume, facilities will require that these image distribution solutions fit within their existing workflow environments. To be effective, these DICOM to CD solutions must be intuitive, cost-effective and reliable.



Pressing Challenges

Ron Loz, PACS Coordinator at Cayuga Medical Center in Ithaca, New York, knew his current solution for burning DICOM images to CD, eFilm, was not meeting his department's needs. Pressed to deliver more professional-looking labels, Loz was also asked to deploy a cost-effective DICOM CD/DVD burning solution to three different facilities, each with a volume of about 15 discs per day. According to Loz, eFilm "performed inconsistently and was technically difficult to use."

Identifying a Winner

Loz' team searched for a better CD burning and printing solution that met three criteria: compact, fast, and affordable. With a burning capacity of thirty-five discs per day, the **MediaWriter™ D35** met these criteria and won in a side-by-side test against competing products.

MediaWriter is a software/hardware solution that includes a Primera® Bravo® SE that writes DICOM studies and reports to media with just one click to create a complete and portable

- ⚙ 100,000 annual radiology exams
- ⚙ 200+ active staff physicians
- ⚙ 3 sites, each burning approximately 15 discs per day

medical record. In addition, **MediaWriter** includes **GEARView**, an integrated viewer that lets physicians and patients view their studies and reports anywhere.

PACSGEAR worked with the site to develop a customized label, which eliminated the need to write on the disc. Since installation, "MediaWriter D35 has been bulletproof," Loz asserted. "Even after installation, the PACSGEAR team has maintained a consistent level of support. They have excellent follow-through."

A Nice Niche

Compact and cost-effective, **MediaWriter D35** is ideal for low-volume imaging centers, departments and facilities like Cayuga Medical Center. "MediaWriter D35 is a nice niche between single drive and high volume CD burners. You can burn just about anywhere," Loz reflected.

Scalable and Reliable

While Loz was pleased with PACSGEAR's responsive support and cost-effective products, **Providence Health System of Oregon** wanted more reliability and support from its DICOM CD/DVD burning solution.

Providence Health and Services, a not-for-profit health system meeting the healthcare needs of communities across five states, including Alaska, Washington, Montana, Oregon and California. Providence continues the legacy of the Sisters of Providence and the Sisters of the Little Company of Mary in the West, spanning more than 150 years.

Paul Britt, PACS Analyst for Providence Health's Portland Service Area, recognized that his legacy CD burning equipment was not reliable and that vendor support was insufficient. The Portland team decided to pit its incumbent vendor against two competitors.



MediaWriter™ D35

Seeking Support and Reliability

During the vendor selection process Britt invited existing vendor RadInfo Systems, along with PacsCube and PACSGEAR, to set up test systems for a few weeks. According to Britt, the vendor selection criteria were “connectivity, ease of set-up, and especially support. PACSGEAR was heads above the competition.” Providence Health System of Oregon selected and installed **MediaWriter D200** at its high-volume sites, such as Providence Newberg Medical Center.

With a throughput of 200 discs per day, **MediaWriter D200** uses the Epson® Discproducer™ to quickly write and print DICOM CDs/DVDs from any web browser. With two CD/DVD drives, Discproducer easily fits on a desk and produces up to 100 discs without reloading. Well suited for high-volume sites, **MediaWriter D200** offers cost-effective and reliable burning with advanced robotics.

Finding Reliability and Support

Starting with the **MediaWriter D200** System installed at Providence Newberg Medical Center, Providence Health System of Oregon found the reliability they were looking for. “MediaWriter D200 has been very dependable. It burns a CD every time,” Britt said. And PACSGEAR’s responsive technical support made the switch easy. “With the great support from PACSGEAR, troubleshooting is simple,” he stated.

Multi-Facility Deployment

MediaWriter has now been deployed in seven Providence Health locations. Regarding future sites, Britt says, “We’ll be installing MediaWriter in all new clinics coming on line. We have also recommended PACSGEAR to our colleagues in Washington and California.”



MediaWriter™ D200

MediaWriter solutions scale from the desktop to the film room, providing sites like Cayuga Medical Center and Providence Health System of Oregon with DICOM CD/DVD burning solutions that are easy to use, maintain and deploy. Regardless of volume, **MediaWriter** remains the right choice for facilities of any size.



- ⚙️ 26 hospitals and 35 non-acute facilities
- ⚙️ 45,000+ employees
- ⚙️ Providence Health System of Oregon
 - 500,000+ diagnostic radiology procedures per year
 - 35,000 DICOM CDs per year

Get Started

For more information about PACSGEAR’s document and multimedia connectivity solutions, contact us at: +1 925 846 9600 or e-mail getstarted@pacsgear.com.

Visit our www.pacsgear.com for more information about **MediaWriter**.