



The PacsCube Solution

*The Cost-Effective Alternative to Laser Film;
The Next Step in Taking Your Facility Filmless*

WHAT DOES IT DO?

The PacsCube integrated solution seamlessly records DICOM images and diagnostic results to CD or DVD. An embedded DICOM viewer allows you to view the exam(s) from any PC. Each disc is uniquely labeled with your logo, the patient's demographics and study information so that the content of each disc is clearly identified.

PacsCube is one of the most stable and reliable DICOM distribution solutions in the medical community today. It can support a variety of OEM (Original Equipment Manufacturers) viewers allowing you to maintain the look and feel of your PACs when distributing CD/DVDs. In fact, DatCard is one of the most widely OEM-partnered vendors in the DICOM distribution industry. This provides hospitals and imaging centers the flexibility to leverage their current technology investment and to have deeper levels of integration when viewing images or accessing information.

Distributing PacsCube CDs or DVDs in place of film enables hospitals to better communicate with patients, provide referring physicians with the latest available technology, market their facility and save storage space thus resulting in significant cost savings.

IMAGE ARCHIVING MADE SIMPLE & AFFORDABLE

In addition to PacsCube's ability of becoming your primary DICOM distribution solution, PacsCube can also be configured as an extended image archive. It can be configurable to meet the growing storage needs of your facility. PacsCube may also act as a secondary disaster recovery archive or as a temporary cache archive where images can be stored and retrieved. This feature enables healthcare facilities to build a cost effective digital image storage solution before implementing PACs. It can also provide facilities the comfort of a cost effective mechanism of down-time disaster recovery.



◀ *PacsCube uniquely surface labels each CD-R/DVD-R with patient and study demographics, facility logo and unique audit trail identifier.*

MEDIA IMPORT UTILITY

The Media Import Utility allows facilities to easily import studies/images from CDs or DVDs that they have received from outside institutions. The simple interface allows users to import selected patients and/or studies while ensuring the correct patient and study information is applied to the imported exam. Users can also query modality work lists taking advantage of the IHE-PDI* integration profile to streamline the import process in finding patient and study information.

**Integrated Healthcare Enterprise/Portable Data for Imaging (IHE-PDI)*

WHO BENEFITS FROM PACSCUBE?

Healthcare institutions, patients and referring physicians are reaping the benefits the PacsCube has to offer. Not only are hospitals experiencing a significant cost savings in printing CDs versus film, but every disc is a great marketing opportunity as well. Hospitals can customize the look and feel of each CD/DVD with a theme specific to the facility and convey the message they want to deliver to the patient or referring physician.

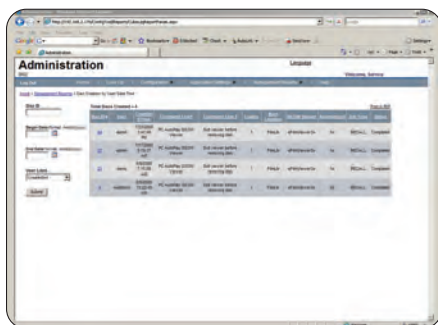
Within minutes of their examination, patients can conveniently take the CD/DVD of their medical images and view them on their home PC or take them to their family physician for a second opinion.

Viewing exams on a CD allows referring physician's dynamic image review as opposed to the traditional method of static laser film. The lite viewing software embedded on every disc allows the physician to view and manipulate the images to optimize interpretation.

What once was an arduous and labor-intensive process to generate CDs, PacsCube has automated a technology with the vision in mind to enhance hospital workflow. The web-based interface allows users to submit a job request from any PC within the organization and the device can process multiple jobs simultaneously. The cost and time savings of the human element is significant. Staff can now log on to the nearest workstation to submit their job request and continue to move forward with their other assigned tasks. Intuitive in its design, the PacsCube software will automatically span across multiple discs if necessary in order to complete the job request. Each disc is also uniquely labeled with an audit trail identifier, which provides access to reports that aid in satisfying the Health Insurance Portability and Accountability Act (HIPAA).



← Studies queried from the archive are selected to build the contents of the CD/DVD.



← Management reports offer detailed audit trail information on every CD/DVD produced.

About DatCard Systems, Inc.

DatCard Systems, Inc., software developer, integrator and a leading global supplier of DICOM digital distribution systems, was established with the goal of creating a software/hardware solution that would provide a completely automated, cost-effective alternative to the inefficiencies of storing and distributing laser film. The goal was achieved with the introduction of PacsCube — the first generation DICOM distribution system. With the launch of its next generation of solutions, the SmartLine of products, DatCard is providing and empowering patients with educational information specific to Mammography (MammoSmart), Ultrasound (BabySmart) and many other disciplines on an automatically produced and customizable CD/DVD.

Today, DatCard Systems' family of products is one of the most implemented DICOM distribution solutions in the medical community around the world.

To learn more about PacsCube, please contact DatCard Systems at 877.543.3898



7 Goodyear
Irvine, CA 92618, USA
tel 949.932.1300
fax 949.932.1373
www.datcard.com



✓ KEY SYSTEM FEATURES

- > Web-based interface
- > CD/DVD import utility
- > Remote Server Query Retrieve
- > Auto-spanning of discs
- > Audit trails
- > IHE-PDI compliant discs
- > AutoBurn
- > One click patient de-identification
- > Long term storage archive
- > Batch archive processing
- > Teaching files
- > Fully automated
- > Dynamic image viewing
- > Multi-label capability
- > Multi-language support
- > Supports OEM DICOM viewers
- > Accurate
- > Cost effective

✓ KEY BENEFITS

Patients can:

- > Receive a personalized disc of their medical images and results within minutes of their examination
- > Conveniently take the CD/DVD to obtain a second opinion
- > View their images and results in a comfortable home atmosphere

Hospitals can:

- > Customize the look and feel of the CD/DVD label with photos/images specific to the facility
- > Create a customized splash screen with content of their choice
- > Use the CDs/DVDs for marketing purposes
- > Query, retrieve or send DICOM information from the hospital network and record it to a CD/DVD
- > Embed the lite viewing tool of their choice
- > Import outside institution images
- > Experience significant cost savings

OEMs can:

- > Embed their own DICOM viewer
- > Provide PacsCube as a value-add to their existing offering
- > Customize product with individual branding