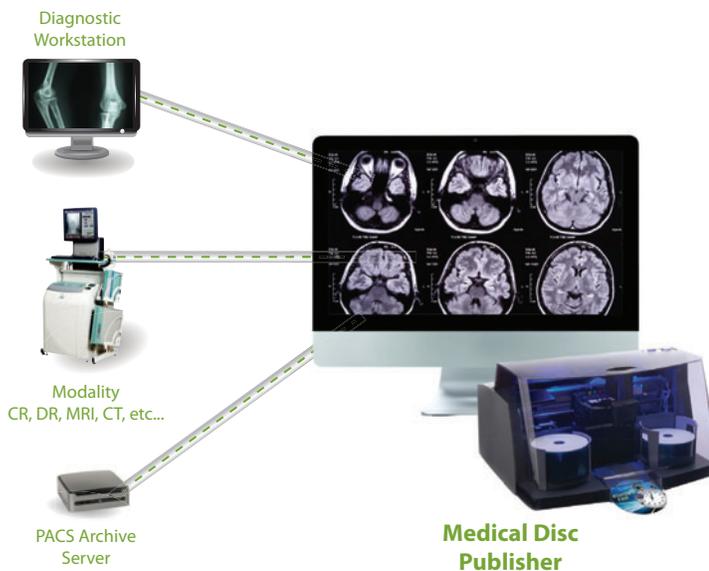


# Medical Disc Publishers

Economical Solutions for Recording and Distributing DICOM Medical Imaging Studies and Reports

## Streamlining Workflow and Reducing Your Costs



- ✓ With typical savings of over 80%, using CD/DVD media instead of film **lowers operating expenses** and enables a **rapid return on your investment**.
- ✓ Capable of recording from virtually any source, EESi's Medical Disc Publishers **save time** and make it easy to **economically distribute images** to patients and referring physicians.
- ✓ When not being used for publishing purposes, the DICOM workstation included with EESi's Medical Disc Publishers can serve as a viewing station to **enhance productivity, improve workflow** and **increase efficiency** in your office.

Modern imaging modalities have led to an increase in the number of images per study - significantly increasing the volume of images distributed to patients and physicians. To keep up with high-volume image distribution, imaging departments need an efficient, cost-effective method to combine and distribute data from multiple sources. Through its partnership with Primera, the world's leading manufacturer of CD/DVD publishing equipment, Essential Enterprise Solutions, Inc. (EESi) offers two reliable and economical solutions for recording patient studies onto CD and DVD media.

These powerful, automatic disc recording systems comply with industry standards (DICOM and IHE PDI) and enable medical professionals to create a complete and portable medical record while saving time and money. Images can be recorded directly from a PACS archive, DICOM modality or workstation. Additionally, EESi's Medical Disc Publishers embed a DICOM viewer on each CD/DVD during the creation process to allow the user to simply and easily display and manipulate images on any computer without installing additional software.

In addition to recording the imaging studies and reports, EESi's Medical Disc Publishers offer customizable, full-color label printing for the creation of professional CD/DVD labels. These fully-automated systems require no operator intervention and even allow you to print dynamic patient demographics from the DICOM header during the labeling process.





### THE FACTS:

CD/DVD's are approximately 55% cheaper per disc than a single sheet of film

Disc publishers are significantly faster than film printers

A CD can store over 1,300 MRI images and a DVD can store over 9,000 MRI images on a single disc

The maintenance costs for one Dry Laser Imager are approximately 4-5 times more expensive per year than the maintenance costs for one Medical Disc Publisher.



	SMALL	LARGE
<b>Capacity</b>	20 Discs	100 Discs
<b>Dim</b>	15"W x 7"H x 14.75"D	17.8"W x 11"H x 17.5"D
<b>Weight</b>	11.5 lbs (4.1 kg)	26 lbs (11.8 kg)
<b>Power</b>	100-240VAC 50/60 Hz, .5A	100-240VAC 50/60 Hz, 5.0A

## Medical Disc Publishers vs. Dry Laser Imagers

With a lower cost per study and higher dependability, EESi's Medical Disc Publishers offer a number of key advantages over Dry Laser Images.

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**Efficiency.** The creation process is fully-automated with data received directly from multiple sources (i.e. PACS archive, DICOM modalities and workstations) without the requirement for specific DICOM print capabilities.
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**Cost.** With the high cost of film and maintenance costs associated with Dry Laser Imagers, EESi's Medical Disc Publishers are significantly less expensive to operate and maintain.
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**Viewing.** EESi's Medical Disc Publishers embed a DICOM viewer with each CD/DVD enabling physicians to perform advanced image processing operations for improved diagnostics and patient care.
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**Image.** The built-in printer in EESi's Medical Disc Publishers eliminates the need to handwrite information. Professional CD/DVD labels are printed during the creation process and can even be customized with patient information from the DICOM record - giving your office a professional image and eliminating the possibility of placing patient information on the wrong CD/DVD.

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The Medical Disc Publishers from Essential Enterprise Solutions, Inc. (EESi) fall under the FDA classification of 21 CFR 892.2010 Medical image storage device, and are exempt from premarket notification procedures in subpart E of part 807.



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