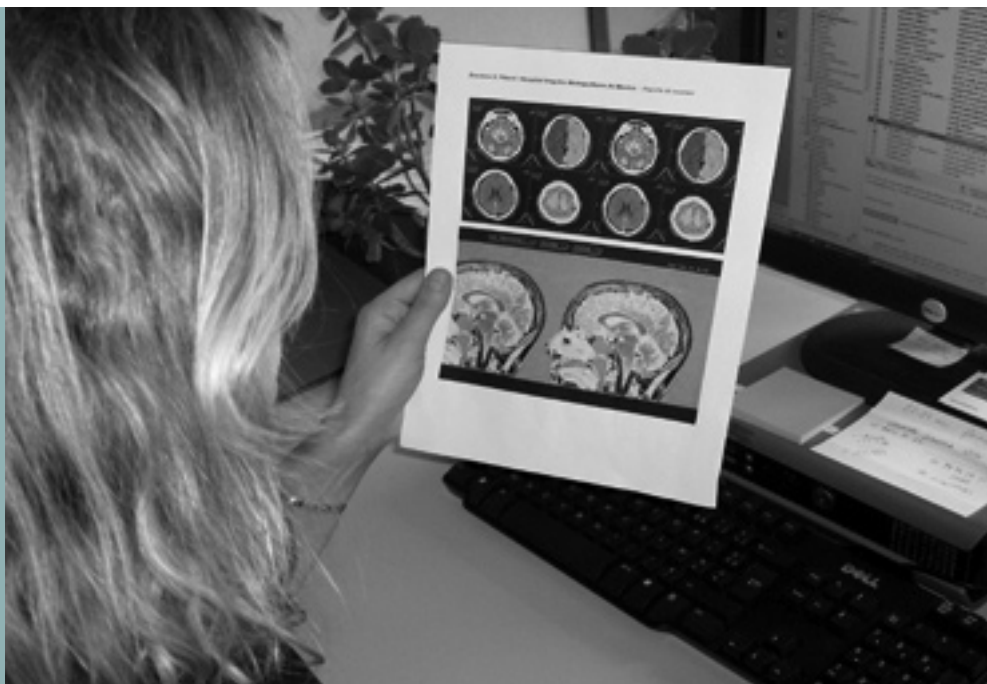


The DICOM Print Option



Print your examinations with film quality for the price of paper.

PRI* transforms your printer into a DICOM (the international standard in medical imaging) printer system.

It acts as a gateway between the workstation and the printer.

PRI makes it possible to print at minimum cost all types of examinations: color, grayscale, US Letter, A4, A3 formats.

Using it does not require changing working habits. The user simply selects images to print on the workstation, and then sends them to the printer via the PRI gateway.

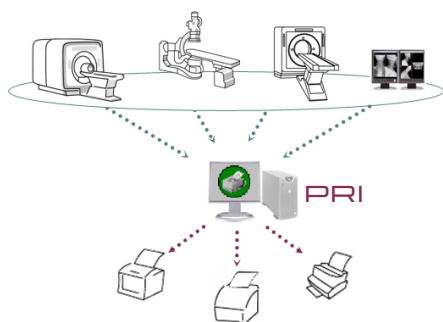
Several devices or consoles can be connected to PRI whatever their type (scanner, MRI, XR...).

Various configurations can be defined according to examination types or users' needs (Advanced edition).

PRI offers a variety of print configurations: image correction settings, addition of the institution logo, customization of comments and text to print in margins...

PRI is connected to the network and installed on a PC with printer drivers.

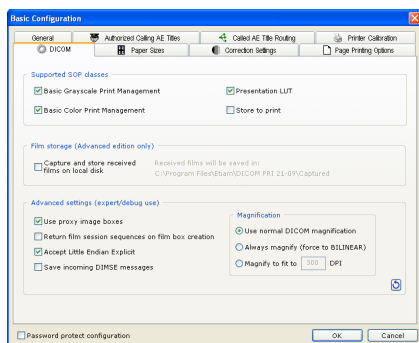
PRI is available in two editions: **Basic** and **Advanced** (please see details overleaf).



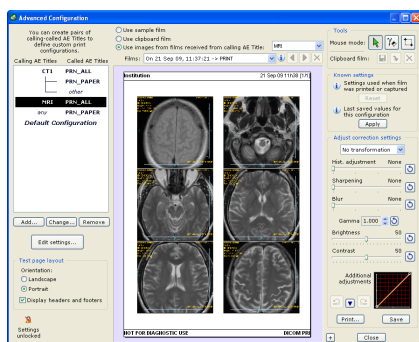
* PRI: Patient Report Images

Minimum requirements

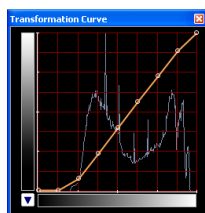
- Processor: 2GHz
- RAM: 512MB (1GB recommended)
- Operating system: Windows 2000, XP, Vista
- Free disk space: Software: 15MB, data: depending on usage (100MB recommended)
- TCP/IP connection



Configuration window (Basic).



Configuration window (Advanced).



Transformation curve with adjustable control points and histogram of an image.

Main Features

Basic Edition

Receiving images for printing through DICOM Print

DICOM films are converted to Windows format.

Multiple paper formats are supported: US Letter, A4, A3...

Adjusting print configuration

Customization of text printed in headers and footers.

Addition of a logo in the page header.

Several correction settings: gamma, brightness, contrast, histogram adjustment, sharpening and blur.

Geometric transformation (rotation, flip).

A single configuration for all connected modalities.

Image printing

PRI can be used with more than one printer.

GSDP configuration files (IHE-compliant).

DICOM 1:1 scale printing.

Advanced Edition

Includes all the features provided in the Basic edition, and more:

Management of color profiles (ICC) for adjusting color rendering.

Refined adjustment using a multipoint transformation curve in combination with the image histogram.

Automatic enhancement of overlays (measurements, comments) for improved legibility.

“Store to print” mode: Images are received through the DICOM Store service, and layout and printing are performed automatically.

Booklet mode with customizable leading and trailing pages.

The booklet can be customized using the DICOM attributes contained in received images (patient's name, examination date and type...).

Unlimited number of configuration profiles supported that enable to define combinations of adjustments listed earlier.

Configurations are saved and directly accessible from the workstation (a DICOM entity is declared per profile).

Print job database maintained for counting print jobs on a per-profile basis.

Ability to export and print statistics.

Support

Phone support for configuring PRI.

Service and maintenance contract that covers software upgrades.

Supported DICOM Services

Basic Grayscale Print Management SCP*

Basic Color Print Management SCP

Presentation LUT SCP

Store SCP

Verification SCP

* SCP: Service Class Provider (DICOM service provider)

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