



## Patient's booklet printing

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

The ACETIAM PRI\* software transforms your printer into a DICOM\*\* printer system.

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

ACETIAM PRI makes it possible to print at minimum cost all types of examinations (color, grayscale, US letter, A4, A3 formats) with a film quality.

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...)

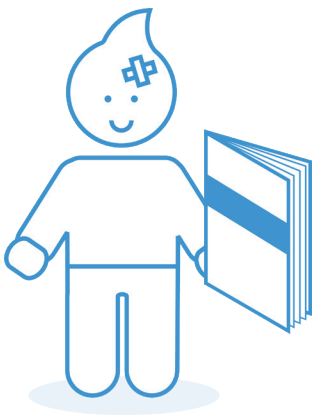
**Various configurations** can be defined according to examination types or users' needs (Advanced edition)

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

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

\* PRI : Patient Report Images

\*\* DICOM : international standard of medical imaging



### Minimum requirements

Processor : 2 GHz

RAM: 4 Gb

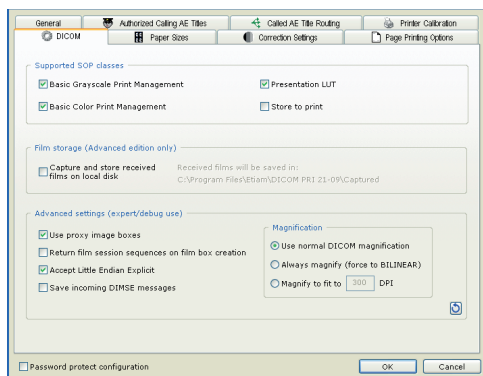
OS : Windows Server 2008 & 2012 R2, Windows XP, Vista, 7, 8 and 10

Free disk space for software : 15Mb

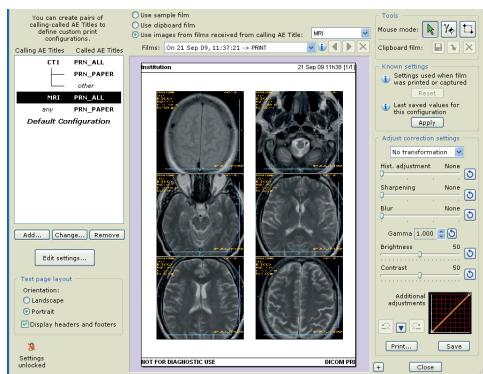
For data : depending on usage (1 Gb recommended)

TCP/IP connexion

Recommendation : PRI should be installed as a software on one dedicated computer



Configuration window



Configuration window (Advanced)

### Main features

- \* Receiving images for printing through DICOM Print :
  - DICOM films are converted to Windows format
  - Multiple paper formats are supported : A4, A3, etc.
  - 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 :
  - ACETIAM PRI can be used with more than one printer
  - GSDF configuration files (IHE compliant)
  - 1 scale printing

### ACETIAM PRI Includes also the following features :

- Adjusting color rendering.
- Transformation curve in combination with the Image histogram
- \* Automatic enhancement of overlays (measurements, comments)
- \* « 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 and possible review inclusion

- \* 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
- \* An OCR to automatically retrieve patient identifiers from exam images

### Additional Products

**ACETIAM MARS** – Automatic production of CD/DVD for medical imaging

**ACETIAM Web Diffusion** – To share with healthcare professionals and patients imaging exams via a secure Internet network.

### Interoperability

- \* Compatible with all modalities and DICOM imaging sources.
- \* Compatible with all printers' models

### Added value

- \* Economic solution compared to film
- \* Broad choice of layout and presentations
- \* Possibility to merge several exams in the same booklet
- \* Automatic or manual integration of reports
- \* Server mode functioning (connection of several modalities and printers)

**ETIAM Corp.**  
162 Great Rd, Rear  
PO Box 2825  
Acton, MA 01720  
USA

Toll Free: (877) 384-2662  
Tel./Fax: (617) 395-5809

[mktg@acetiam.eu](mailto:mktg@acetiam.eu)  
[www.acetiam.eu](http://www.acetiam.eu)

**ACETIAM France**  
La Palmeraie  
ZA de la Hallerais  
11 rue du Bois de Soeuvres  
35770 Vern-sur-Seiche  
France  
Tel.: +33 (0)2 99 14 33 88  
Fax: +33 (0)2 99 14 33 80

Learn more on

[www.acetiam.eu](http://www.acetiam.eu)

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