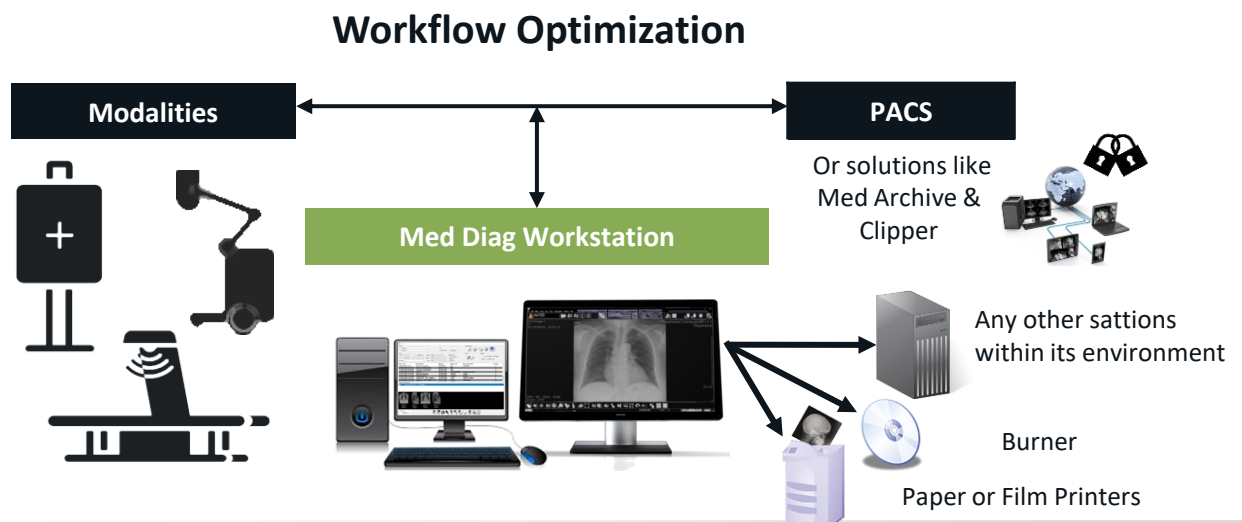# Medecom
communicating imaging

Med Diag
Diagnostic Workstation for Digital Radiology

Features

✓ **Multimodality** :

- ▪ **CR, DR**
- ▪ **Static or dynamic images** : Ultrasound, Angiography, Fluoroscopy
- ▪ **Cutting images**: MRI, CT Scan. MIP, MPR and Rendering volume have been implemented for cut images. This allows radiologists to rework the volume of images in the office or remotely after their scan or MRI vacation. Radiology - MRI - Ultrasound, can be viewed on a single station

✓ **Manufacturer independent**, display exams regardless of the brand of the modality. The ability to automatically adapt the images to different manufacturers optimizes the reading of exams.

✓ **Viewing current and past exams** makes it easier to direct compare exams

✓ **Numerous measurement tools and wide range of tools dedicated by displayed modality are available** such as pan, zoom, video inversion, high-performance image processing

✓ **Indexing pathological images to facilitate the safeguarding and export of images of interest**: these images are made available for illustration use or for case studies

✓ **Performant customed printing defined by advanced configuration**
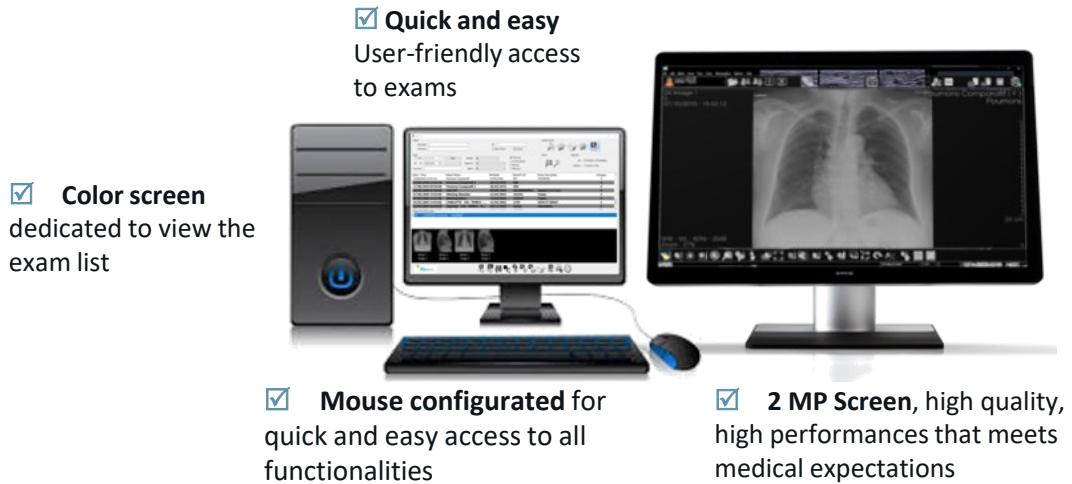
How does Med Diag optimize the Workflow?

Compliant to DICOM & HL7 standards, and thanks to dedicated tools available for the different viewed modalities, Med Diag has been developed to easily communicate to the acquisition workstations, to PACS and other printers defined by specific configuration.

Workflow Optimization

Modalities

PACS

Or solutions like Med Archive & Clipper

Med Diag Workstation

Any other sattions within its environment

Burner

Paper or Film Printers

Medecom is a private French company, established in 2000. Medecom counts more than 4,000 installations in 30 countries through a strong distributor network & OEM partnerships.

Med Diag
Diagnostic Workstation for Digital Radiology

Med Diag workstation in its environment

☑ **Quick and easy**
User-friendly access to exams

☑ **Color screen**
dedicated to view the exam list

☑ **Mouse configurated** for quick and easy access to all functionalities

☑ **2 MP Screen**, high quality, high performances that meets medical expectations

Digital Radiology Display & Stitching Module

Med Diag allows **visualization of various modalities.**

Features make it possible to effectively display **tools dedicated to the selected modality**

Access to simple and complex measures is facilitated

- ✓ Hip dysplasia
- ✓ Meary
- ✓ Cardio Thoracic Index
- ✓ Hip/ Column deviation
- ✓ Occipital Axis

- ✓ Hallus valgus
- ✓ Coxometry
- ✓ TA-GT
- ✓ Angles
- ✓ Gonometry

Image treatments can be applied to help with diagnosis. These treatments can be configured according to the type of exams according to user's needs.

Access to a **wide range of predefined or customizable print models** guide allow quick impression of images of interest.

The **stitching module** allows the **fast reconstruction of images** of lower limp or column and the measurement of Cobb or Gonometric angles.

Archiving system

Medecom offers a secure archiving system: Med Archive with scalable capacity depending on customers needs.

The installation of Med Diag and Med Archive eases pre-fetching and auto-fetching.

Recommended hardware configuration

- ✓ Operation System: Profesional Windows 10 (64 bits)
- ✓ Disk space requirements: 1 Go for the software
- ✓ Technical features:
  - 8 Go de RAM
  - 512 MB MIN graphics card compatible to OpenGL 3.1

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