Colenta® DX – EASY IMAGING

CR /DR Retrofit Kit Configuration

The **DX-Easy Imaging Acquisition Software** acquires the x-ray image which can be evaluated on the screen of the console.

The **DX-Easy Imaging Processing Software** allows the radiologist to enhance and examine the image exactly as required to make a precise diagnosis. The image can be exported to different media or a Patient-CD made as required.

The diagnosis related images can be printed out by means of the **COLENTA DICOM[1] Printer** onto **Dry Imaging Film** for keeping in the patient file.

The Software has a modular structure which enables custom tailored configurations.

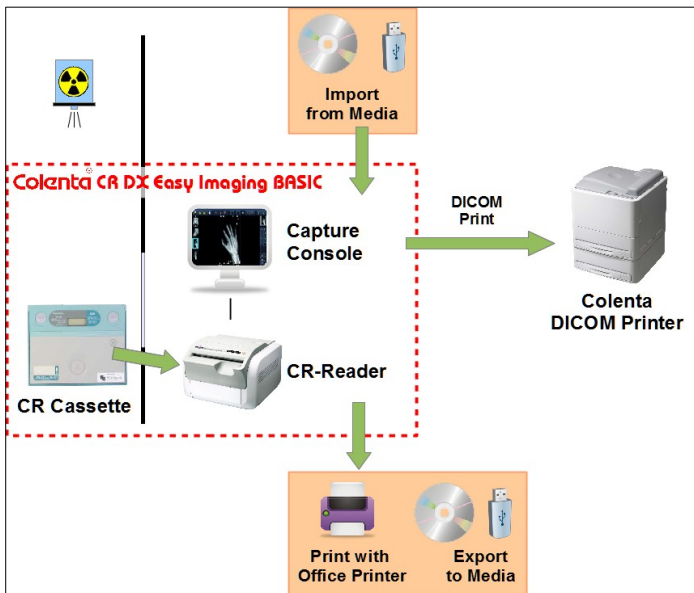The main configurations are **BASIC**, **DICOM** and **Integrated PACS**.

Features:

	BASIC	DICOM	Integrated PACS
Enhance Image Functions[3]	✓	✓	✓
Create Patient-CD	✓	✓	✓
Import / Export DICOM Images to Media	✓	✓	✓
Print out with Office Printer	✓	✓	✓
Print out with DICOM Printer (DICOM Print)	✓	✓	✓
Import Modules of different Data sources		✓	✓
Import Patient Data (DICOM Worklist)		✓	✓
Send DICOM Images (DICOM Send/Store)		✓	✓
Receive DICOM Images (DICOM Query/Retrieve)			✓
Image Storage (PACS) **and final Archiving**			✓
Workstation support			✓

1) DICOM … **D**igital **I**maging and **CO**mmunications in **M**edicine
2) PACS … **P**icture **A**rchiving and **C**ommunication **S**ystem
3) enhance Image Functions: Zoom, Rotation, Mirror, Window levelling, Contrast inversion, Measurement, Radiography Marker, Add Text
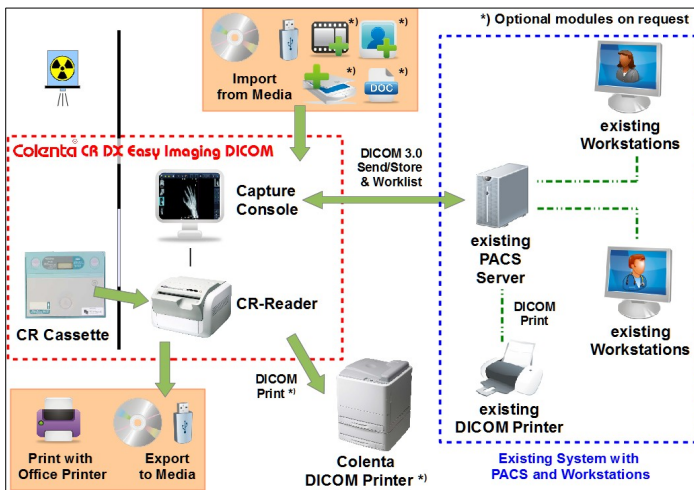
Configuration BASIC:

The BASIC Configuration includes general functions of the DX-Easy Imaging Processing Software to enhance the Images.

The DICOM Print Module for one DICOM[1] Printer enables to print out the diagnosis related images by means of the COLENTA DICOM[1] Printer onto Dry Imaging Film for keeping in the patient file.
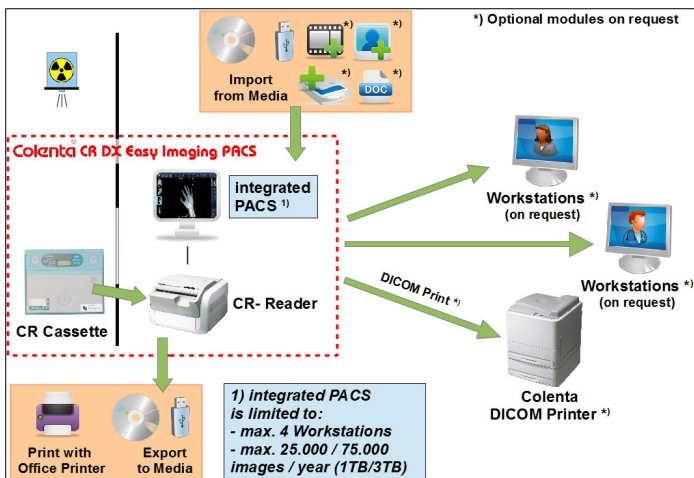
Configuration DICOM:

The DICOM Configuration includes general functions of the DX-Easy Imaging Processing Software to enhance the Images.

Optional Modules are available to import data from different devices and add it to the patient file.

When an IT-System with a PACS[2] Server is already in use, the DICOM[1] Configuration can be easily implemented in the existing system.

Configuration Integrated PACS:

The PACS[2] Configuration allows to set up a complete independently working IT-System in the x-ray department, including Image Archiving facility and connection of additional Workstations.

The amount of workstations working in parallel to be provided, is limited to 4 units.

1) DICOM … **D**igital **I**maging and **CO**mmunications in **M**edicine
2) PACS … **P**icture **A**rchiving and **C**ommunication **S**ystem