

## CGM DIAGRAAD DICOM viewer for medical images



Synchronizing Healthcare



CompuGroup  
Medical

# A modern diagnostic tool.

## DICOM images viewer

CGM DIAGRAAD is a multi-functional viewer of medical images in DICOM format. It allows viewing and manipulating diagnostic images and provides a number of tools to perform medical measurements in digital radiology.

## Installation

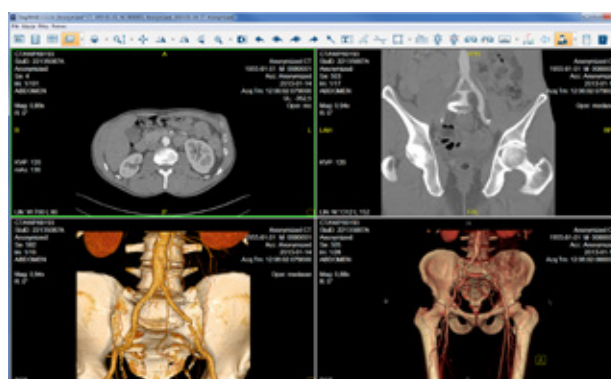
- Standalone installation – a viewer installed as independent software on the selected workstation.
- Multiple workstation installation – application operating within a client – server architecture. It is launched from a web browser and can be run on any network-connected workstation.

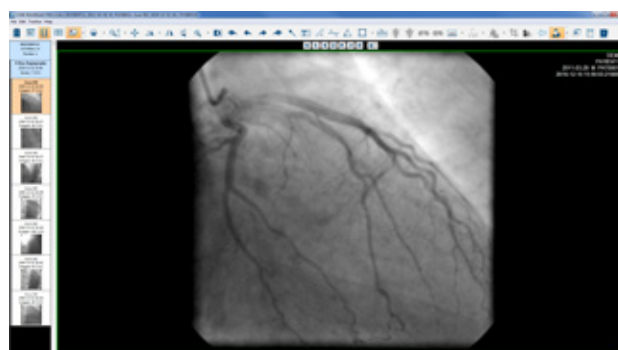
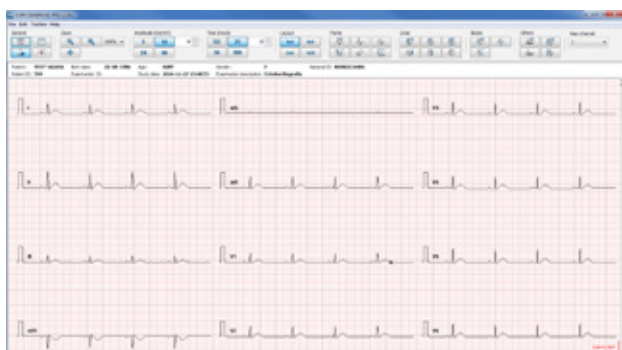
## Open and analyze examinations from different devices

- digital radiography (CR, DX)
- mammography (MG)
- computer tomography (CT)
- magnetic resonance (MR)
- positron emission tomography PET-CT (PT)
- ultrasonography (US)
- digital angiography (XA)
- nuclear medicine (NM)
- secondary and scanned images (SC)
- electrocardiogram (ECG)

## Analyze examinations using professional tools. They include, among others:

- displaying several series of images
- playback of animation from a series of images
- rotation to any angle and changing the orientation of the image
- measurement of the distance, angle and the two lines length ratio
- measurement of the surface of any shape
- measurement of the density and the standard deviation in the selected area
- measurement of the image intensity at a given spot,
- preview of the ECG waveform for angiographic images,
- volume rendering
- DICOM image export to other formats such as JPEG, PNG, BMP, GIF, TIF, DCM
- reference lines for CT and MR
- MPR, MIP, MinIP
- ability to perform 3D reconstruction





## Display and interpret ECG recordings

The viewer enables further analysis of ECG waveforms in the DICOM ECG format and SCP ECG files. A set of implemented tools makes it easier to perform advanced analysis. The ability to add annotations and freely manipulate ECG waveforms is a major advantage of the software, making the analysis process very fast and simple.

## Full support of DICOM files

CGM DIAGRAAD viewer is compatible with DICOM standard. This enables displaying high-quality diagnostic images created on any medical devices that generate images in DICOM format.

## Display different types of DICOM files

- monochrome and color,
- static images and dynamic sequences,
- uncompressed and compressed files.

## System requirements

**Minimum:** Pentium 4 class processor • 1GB RAM • 4 GB of free hard disk space • 24-bit (true color) graphics card • monitor resolution 1280 x 1024 • mouse.

**Recommended:** Intel Core class processor • 4 GB RAM • 16 GB of free hard disk space • 32-bit (true color) graphics card • monitor resolution 1280 x 1024 • mouse.

**Supported operating systems:** Windows XP, 2003, Vista, 7, 8, 10 (32 and 64-bit) • Linux (32 and 64-bit) • Mac OS X (32-bit).

## International standards and certificates

CGM DIAGRAAD has been classified as class II a medical devices and ISO 13485 certified.

Opting for CGM DIAGRAAD you can be sure that you will get a solution which is based on the highest international standards.

Never before has the analysis of medical images been so easy. A number of functional tools provided by the application allows professional and modern diagnostics. Smooth and easy to work with, the application saves time and makes daily work pleasant.

## Other CGM solutions for advanced diagnostic imaging

### CGM NETRAAD PACS

Archiving diagnostic images

### CGM NETRAAD RIS

Management of a diagnostic facility

### CGM NETRAAD WEB

Distribution of images and medical records

### CGM ENDORAAD

Endoscopy Clinical Information System

### CGM CWT

Teleradiological system



## We help to heal. Every day.

**CompuGroup Medical** is one of the leading companies of the eHealth sector in the world. We provide cutting-edge solutions to more than 385 000 customers from 35 countries. Every day, nearly 4000 CGM employees worldwide are daily confronted with new challenges to support healthcare and allow for a better organization of medical personnel's workflow. All this so that our customers can provide the highest quality healthcare services and devote their valuable time to Patients.



**CompuGroup Medical**  
info.diagraad@cgm.com

[cgm.com/uk](http://cgm.com/uk)

Synchronizing Healthcare

