

DIAGNOSTICS · CORE PLATFORM

RADIS

Radiology Information System

Manage radiology orders, DICOM images, and radiologist reports — integrated directly with OPES EMR patient records.

RADIS manages the complete radiology department workflow: imaging requests from OPES EMR arrive electronically, are scheduled on the modality worklist, processed, and the radiologist's validated report is returned to the patient record automatically. DICOM images are archived and viewable within the EMR.

AT A GLANCE

DICOM

image archive (PACS)

Real-time

report to EMR

Tele

radiology module

X-ray · CT · MRI · US

modalities

EN / FR

Fully bilingual interface

HL7 FHIR

Interoperability standard

22

OPES systems it connects to

OVERVIEW

Built for African healthcare, not adapted for it

RADIS supports X-ray, ultrasound, CT, and MRI workflows. A built-in DICOM viewer means clinicians can view images directly in the patient's EMR record without needing a separate workstation — critical in low-resource settings.

Who is RADIS for?

- ✓ Hospital radiology departments
- ✓ Standalone diagnostic imaging centres
- ✓ Ultrasound and X-ray units in community hospitals
- ✓ Teleradiology services covering rural facilities
- ✓ Teaching hospitals with radiology training programmes

Problems RADIS solves

- 1 Imaging requests lost or delayed**
Electronic orders from OPES EMR arrive on the radiology worklist instantly — no paper forms.
- 2 Reports not reaching clinicians**
Validated radiology reports return to the patient's EMR record the moment the radiologist approves.
- 3 No image archive — films lost or degraded**
DICOM PACS archive stores every image permanently, accessible from any authorised workstation.
- 4 No rural access to radiologist expertise**
Teleradiology module enables remote reporting for facilities without on-site radiologists.

MODULES

Everything in one connected system

Each module activates independently — start with Registration and Consultation, add Lab, Pharmacy, and Billing as you grow.

Modality Worklist

Electronic imaging orders scheduled on the modality worklist with patient and study details.

- DICOM MWL integration
- Scheduler & slot management
- STAT vs routine priority
- Multi-modality support

DICOM Viewer

Web-based DICOM viewer embedded in the EMR for clinician image review without extra software.

- In-browser DICOM display
- Window/level & zoom tools
- Measurement annotations
- Multi-series comparison

Reporting & Validation

Structured radiology reporting with voice dictation and radiologist electronic sign-off.

- Structured report templates
- Voice dictation support
- Two-tier validation
- Auto-release to OPES EMR

PATIENT WORKFLOW

How RADIS moves a patient through your facility

From the moment a patient arrives to discharge, every step is captured — and every department sees the full picture in real time.



Order Received

From OPES EMR electronically



Scheduled

Patient booked on worklist



Imaging Done

Images acquired & archived



Reported

Radiologist writes & signs report



Released

Report & images in OPES EMR

KEY BENEFITS

Why facilities choose RADIS



Permanent image archive

Every DICOM image stored permanently — no lost films, no degraded X-rays.



Faster report turnaround

Digital workflow cuts average reporting time from days to hours.



In-EMR image viewing

Clinicians view images in the patient record — no separate PACS workstation needed.



Teleradiology support

Remote radiologists can report for rural facilities without on-site specialist coverage.

RADIS connects everything

RADIS is the clinical core — every other OPES system feeds into it or reads from it.



RADIS — Clinical Core

OPESCare

OPES EMR

OPES Hospital HIS

OPES Lab

Built to enterprise standards

Imaging		Deployment	
Standard	DICOM 3.0	Options	On-premise · Cloud PACS
Modalities	X-ray · CT · MRI · Ultrasound · Fluoroscopy	Minimum server	8 vCPU, 32 GB RAM, SSD storage
Worklist	DICOM MWL (C-FIND)	Viewer	Web browser (zero install)
Storage	PACS (local or cloud S3)	Archive	Configurable retention period

Security

Encryption	AES-256 at rest · TLS 1.3
Authentication	Role-based (Radiographer / Radiologist / Clinician)
Audit logging	Every image access logged
DICOM anonymisation	For teaching & teleradiology

See **RADIS** in your facility

Book a free demonstration tailored to your facility type. Contact our team to schedule a live demo, request a pilot deployment, or get a custom quote.

WEBSITE

www.opeshealthsystems.com

EMAIL

contact@opeshealthsystems.com

PHONE

+237 670 41 62 38

ADDRESS

Bonamousadi, Douala, Cameroon