⚠ PROPRIETARY DOCUMENT — OPES Health Systems SARL · RADIS Product Brochure · For authorised distribution only

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.

1
Order Received
From OPES EMR electronically

2
Scheduled
Patient booked on worklist

3
Imaging Done
Images acquired & archived

4
Reported
Radiologist writes & signs report

5
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.

OPES ECOSYSTEM

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**

TECHNICAL SPECIFICATIONS

Built to enterprise standards

Imaging

Standard	**DICOM 3.0**
Modalities	**X-ray · CT · MRI · Ultrasound · Fluoroscopy**
Worklist	**DICOM MWL (C-FIND)**
Storage	**PACS (local or cloud S3)**

Deployment

Options	**On-premise · Cloud PACS**
Minimum server	**8 vCPU, 32 GB RAM, SSD storage**
Viewer	**Web browser (zero install)**
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.

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