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

SPECIALIST SYSTEMS · CORE PLATFORM

CARDIS

Cardiology Information System

> Dedicated cardiology workflows — ECG, echo reports, cardiac catheterisation, and long-term cardiovascular risk management.

CARDIS is a specialist system for cardiology units and cardiac centres. It provides structured clinical workflows for ECG interpretation, echocardiography reporting, cardiac catheterisation records, and long-term cardiovascular risk factor tracking — integrated with OPES EMR so the cardiologist always sees the full patient history.

AT A GLANCE

ECG
integration & reporting

Echo
structured reports

Risk
factor tracking

EN/FR
bilingual

EN / FR
Fully bilingual interface

HL7 FHIR
Interoperability standard

22
OPES systems it connects to

OVERVIEW

Built for African healthcare, not adapted for it

Every CARDIS record is linked to the patient's OPESCare Health ID, enabling cardiologists to see medications from PHARMIS, lab results from OPES Lab (lipids, troponins, BNP), and referral history from OPES EMR in a single screen.

Who is CARDIS for?

- ✓ Cardiac centres and cardiology units
- ✓ General hospitals with cardiology departments
- ✓ Private cardiologist practices
- ✓ Rehabilitation centres with cardiac programmes
- ✓ Telemedicine cardiology services

Problems CARDIS solves

1. **ECG and echo reports not linked to the patient record**
   CARDIS stores every ECG trace and echo report against the OPESCare Health ID.

2. **Cardiovascular risk factors not tracked over time**
   Longitudinal risk factor dashboards show BP, lipids, BMI, HbA1c, and smoking trends across all visits.

3. **Cardiac medications not visible to other clinicians**
   All CARDIS prescriptions feed into PHARMIS and are visible in OPES EMR.

MODULES

Everything in one connected system

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

ECG Management

Record, store, and report 12-lead ECG studies.

- Digital ECG import
- Structured interpretation templates
- Comparison across visits
- Auto-alert for critical findings

Echocardiography Reporting

Structured echo reports with standard measurements and valve assessment.

- ASE/EACVI measurement templates
- M-mode & Doppler fields
- Image annotation
- Report to OPES EMR

Cardiovascular Risk

Track risk factors longitudinally with Framingham and ESC risk scoring.

- BP · lipids · BMI · HbA1c trends
- Framingham / ESC risk scores
- Lifestyle intervention logs
- Target achievement tracking

PATIENT WORKFLOW

How CARDIS 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 **Referral**
From OPES EMR to CARDIS

2 **Assessment**
ECG, echo, history review

3 **Report**
Structured report validated

4 **Plan**
Medications & follow-up

5 **Back to EMR**
Report visible in OPES EMR

KEY BENEFITS

Why facilities choose CARDIS

Structured cardiac documentation

ECG and echo reports follow international standards — every field captured consistently.

Risk factor longitudinal view

Track every cardiovascular risk factor from first visit to current — in one dashboard.

Full EMR integration

Cardiac results and plans visible to every clinician via OPES EMR and OPESCare Health ID.

Bilingual by design

All reports and interfaces in English and French — suitable for bilingual cardiology teams.

OPES ECOSYSTEM

CARDIS connects everything

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



CARDIS — Clinical Core

OPESCare | OPES EMR | OPES Lab | PHARMIS | RADIS

TECHNICAL SPECIFICATIONS

Built to enterprise standards

Deployment

Options	**On-premise · Cloud**
Minimum server	**4 vCPU, 8 GB RAM**
ECG device interface	**HL7 aECG / SCP-ECG**
Offline mode	**Partial**

Security

Encryption	**AES-256 · TLS 1.3**
Authentication	**Role-based (Cardiologist / Tech / Admin)**
Audit logging	**Full access & report trail**
Languages	**English · French**

See CARDIS 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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