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

CORE PLATFORM · CORE PLATFORM

OPESCare

Health ID · Interoperability Layer

> One universal Health ID for every patient — connecting all 22 OPES systems and every facility they visit.

OPESCare is the backbone of the OPES ecosystem. It assigns every patient a permanent, unique Health ID at their very first contact with any OPES-connected facility, then follows them for life — through every clinic visit, hospital admission, lab test, prescription, and specialist referral, across any participating facility in Cameroon and the CEMAC region.

AT A GLANCE

22
connected OPES systems

HL7 FHIR
interoperability standard

EN/FR
fully bilingual

CEMAC
regional coverage

EN / FR
Fully bilingual interface

HL7 FHIR
Interoperability standard

22
OPES systems it connects to

OVERVIEW

Built for African healthcare, not adapted for it

Built on HL7 FHIR R4 standards, OPESCare acts as the interoperability hub that connects all 22 OPES software systems. When a patient registered at a clinic in Douala visits a hospital in Yaoundé, their complete history is immediately available — no re-registration, no duplicate tests, no lost records.

Who is OPESCare for?

- ✓ Hospital networks operating across multiple sites
- ✓ National and regional health authorities managing population data
- ✓ Any facility deploying two or more OPES software systems
- ✓ NGOs and government programmes requiring patient tracking
- ✓ Insurance and CNPS partners needing verified patient identity

Problems OPESCare solves

1. **Duplicate patient records across facilities**
   One Health ID eliminates re-registration and duplicate data entry at every new facility.
2. **Fragmented medical histories**
   Lab results, prescriptions, and diagnoses from any connected facility appear in one unified record.
3. **Inability to track patients across the care continuum**
   Follow a patient from primary clinic through specialist referral, hospitalisation, and discharge in one system.
4. **No population health data for Ministry reporting**
   Aggregated, de-identified data feeds directly into HMIS and public health dashboards.

MODULES

Everything in one connected system

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

Health ID Issuance

Assign a unique, permanent Health ID at first contact via biometric, photo, or demographic matching.

- Biometric deduplication
- Photo capture & verification
- QR code & printed card
- Instant cross-facility lookup

Interoperability Hub

FHIR R4 API layer connecting all OPES systems and enabling data exchange with external platforms.

- HL7 FHIR R4 endpoints
- Real-time event notifications
- Batch data import/export
- External system connectors

Consent & Privacy

Patient-controlled data sharing permissions with full audit trail on every access.

- Granular sharing consent
- Access revocation
- Full audit log
- GDPR / local regulation ready

Population Health Analytics

Anonymised aggregate dashboards for disease surveillance, MoH HMIS reporting, and public health planning.

- Disease burden mapping
- MoH HMIS export
- Epidemiology alerts
- Facility performance comparison

PATIENT WORKFLOW

How OPESCare 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
First Contact
Patient registers at any OPES facility

2
ID Issued
Unique Health ID created instantly

3
Record Grows
Every visit, test & prescription appended

4
Any Facility
Instant lookup at any connected site

5
Lifetime Record
Complete history always available

KEY BENEFITS

Why facilities choose OPESCare

One record, every facility

No re-registration. No lost history. The patient's full record is available the moment they arrive anywhere in the network.

Built-in interoperability

HL7 FHIR R4 ensures OPESCare communicates not just with OPES systems but with any standards-compliant external platform.

Ministry-ready reporting

Population health data feeds directly into Cameroon MoH HMIS formats — compliance built in from day one.

CEMAC-scale design

Designed to operate across national borders within the CEMAC region, supporting cross-border patient mobility.

OPES ECOSYSTEM

OPESCare connects everything

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

OPESCare — Clinical Core

OPES EMR | OPES Hospital HIS | OPES Lab | PHARMIS | RADIS | Opes Triage | UHC IS

TECHNICAL SPECIFICATIONS

Built to enterprise standards

Deployment

Options	**On-premise · Cloud · Hybrid**
Minimum server	**4 vCPU, 8 GB RAM**
Database	**MySQL 8 / PostgreSQL 15**
Offline mode	**Supported (queue sync)**

Interoperability

Standard	**HL7 FHIR R4**
Terminology	**ICD-10 · ICD-11 · SNOMED CT**
API	**RESTful JSON + FHIR**
Import formats	**CSV · HL7 v2 · FHIR Bundles**

Security

Encryption	**AES-256 at rest · TLS 1.3**
Authentication	**MFA · SSO (SAML 2.0)**
Audit logging	**Every access logged**
Data residency	**In-country (Cameroon) option**

See OPESCare 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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