

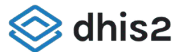


The Instant HIS

Product Brief
October 2025

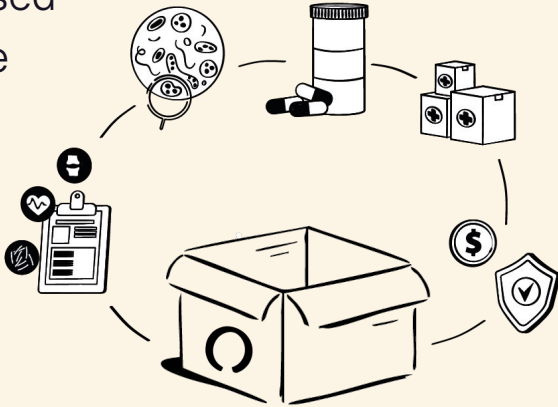
An ecosystem of apps

- **patient records** (EMR)
- patient **billing**
- **inventory** management
- medical **imaging**
- **reporting** & analytics
- user management & **security**
- ...



Data flows between apps

- Enhanced care delivery
- FHIR-based
- Reusable



Packaging & deployment

- Best packaging practices
- Clear versioning
- Agile deployment
- Auth & security
- Monitoring
- Maintenance-ready
- Pro services



Where is Ozone

Healthcare facilities

Medical laboratories

Digital health **public infrastructure**

Radiology centres

Clinicians **training** platforms

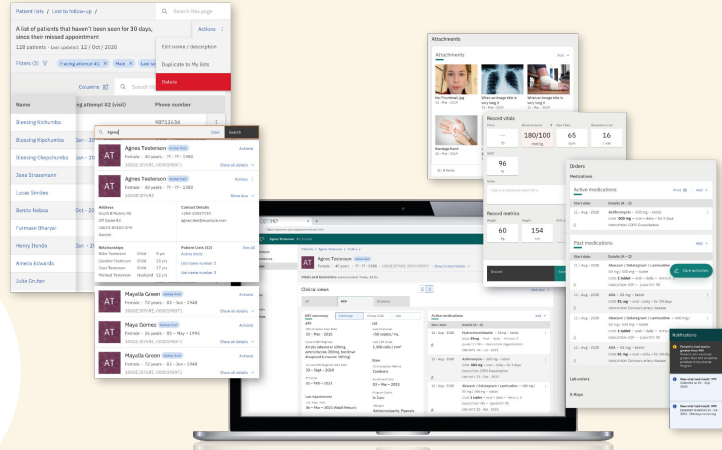
Startups digital health backends

All-in-one
digital
health
system

Instant HIS,
off-the-
shelf
ready

FOSS
&
digital health
standards

80/20
for
✓ funders
✓ consumers
✓ integrators



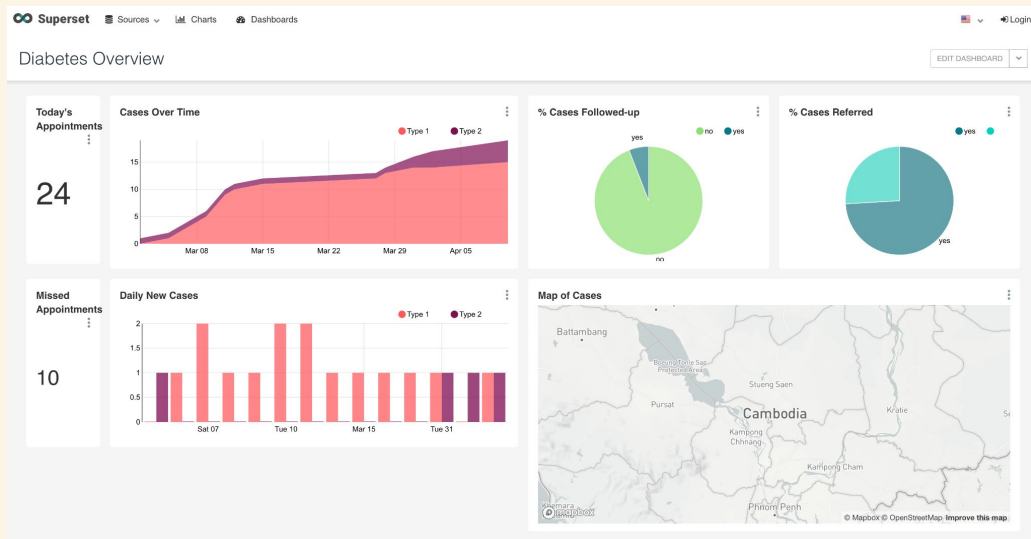
Real-time insights from your HIS

✓ Live data streaming from all Ozone apps:

- Patients & visits
- Health indicators
- KPIs
- Cost of care
- ...

✓ Powered by Apache Superset (default)

- Interactive dashboards
- Advanced visualizations
- Filters & drill-downs
- Full Ozone data integration & use



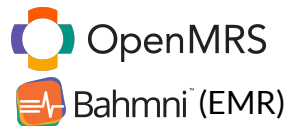
“ We need more than an EMR system. ”

No hard choices between vertical solutions

Vertical solutions excelling in their mission

Complementarity and interoperability
between digital health apps

HIS solution greater than the sum



“ Don’t build it. ”

MIT Governance Lab

#1 Rely on existing apps

- Open-source software
- Global Goods
- DPGs

#2 Apps used “as is”

- No alterations
- No forks
- Apps agnostic of the HIS

#3 Transparent app vetting

- Open-source
- Secure
- Deployable
- Internationalizable
- HL7 FHIR
- ...

Open Standards & Open-Source Stack

Apps functions & orchestration



OpenHIE



Integrating
the Healthcare
Enterprise

Apps messaging



App-to-app
interoperability layer



HIS deployment



docker



kubernetes



Upgrade to **Odoo 17**

Enterprise-grade and scalable ERP system:

<https://www.odoo.com/blog/odoo-news-5/meet-odoo-17-1142>

upgrade



OpenMRS

Ozone powers **OpenMRS HIS**

Ozone takes OpenMRS beyond EMR, powering a full HIS. More on the OpenMRS Wiki [here](#).

use case



Open**HIE**

Product catalog for drugs

Demo with Odoo and OpenMRS:

<https://www.youtube.com/watch?v=2dbUOuRRiso>

+1 spec



Grafana

Expert-level **log monitoring**

Demo of HIS log monitoring with Grafana:

<https://www.youtube.com/watch?v=8nt8vVOVGiE>

infra



Orthanc as a PACS app
in Ozone

<https://talk.openmrs.org/t/orthanc-joins-the-ozone-ecosystem-openmrs-orthanc-pacs-integration/44767>

+1 app



Bahmni™ (EMR)

Bahmni as an EMR app
in Ozone

Choice between OpenMRS 3 and Bahmni as the EMR app in Ozone.

+1 app



OPENELIS
GLOBAL

OpenELIS Global as a LIS app
in Ozone

Demo with OpenELIS Global and OpenMRS:
https://www.youtube.com/watch?v=_txTj6qV44E

+1 app

Backup & Restore

A robust **backup & restore engine** across all HIS apps, with encryption, powered by Restic

<https://docs.ozone-his.com/implementers/backup-restore/>

infra

Current



Teleconsultation
(labsis SARL)



OpenHIE
Product catalog
extended
beyond drugs



FHIR Facade for
Open Health Stack
HIS "mini apps"

Next



Meditron-3

Ozone Analytics with
AI prompt



Karavan

UI builder for custom
data flows



**PATIENT
APP**

Patient-facing user
experience

Later



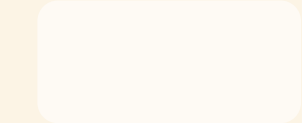
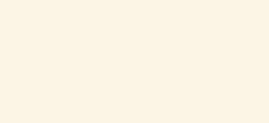
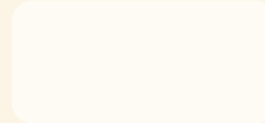
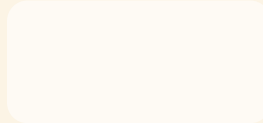
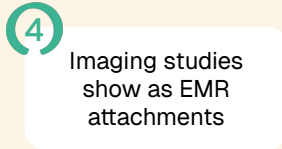
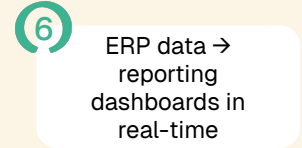
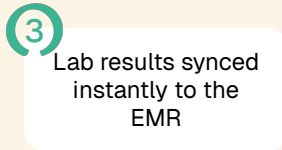
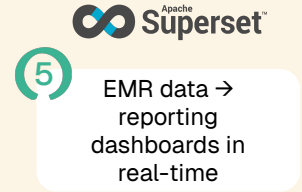
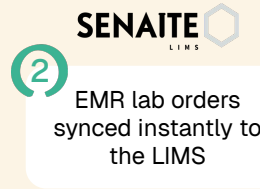
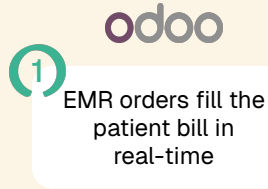
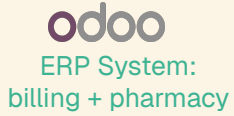
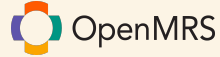
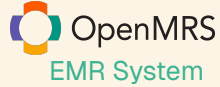
dhis2

Data visualization
(Ozone Analytics)



openIMIS

Health claims
management



Rooted in OpenMRS

Chat

[#ozone](#) on OpenMRS Slack

Forum

[Ozone category](#) on OpenMRS Talk

Meetings

Bi-weekly Support Hour on
OpenMRS Calendar

Development

Primary maintenance:



Takes the lead in ensuring Ozone scales across all use cases.

Community of use: OpenMRS

The OpenMRS Community actively uses, tests, and provides feedback.

Project-driven

Ozone features are feeding from EMR/HIS implementations.

Thank you



www.ozone-his.com