OpenHIE Annual Impact Report

2023

digital square

The Mission of OpenHIE

The OpenHIE community of practice is dedicated to improving health outcomes for resource emerging communities.

We believe that every country should have a high-functioning, communicative health care system. This can only happen with an accessible, open exchange of information and resources.

We believe that best practices should be shared, not locked away!

Our vision is that OpenHIE will be a global resource for health information exchange.

Many people like public health leaders, healthcare advisors, and technologists join the community to share their experiences and gain insight from their peers doing this same work. This annual report will share just how the community did that in 2023 and what we imagine the next decade of this community will look like.

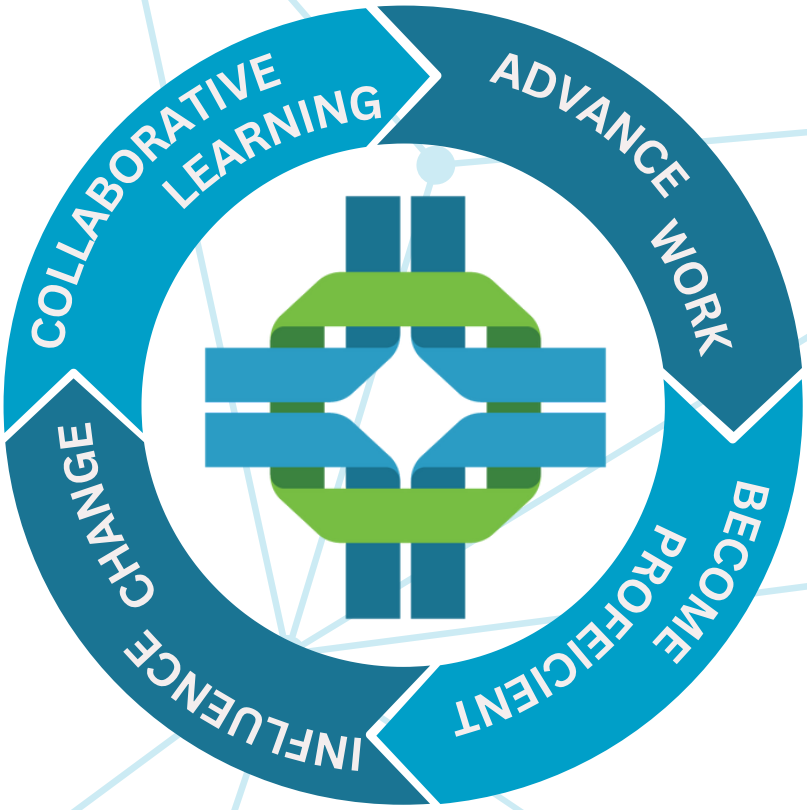
10 Years Together

2023 was a year for celebrating the first decade of this community!

A Community of Practice

OpenHIE is a global community of people working in healthcare informatics.

In both their respective roles and in their work as community members, these people are directly improving health outcomes for countries.



A Few Roles You May See in OpenHIE:

SOFTWARE DEVELOPERS • TECHNICAL ADVISORS • DEVOPS OFFICERS • HEALTH INFORMATICS SPECIALISTS • MONITORING & EVALUATION ADVISORS • IT ARCHITECTS • HEALTH SYSTEMS & POLICY SPECIALISTS • TECHNICAL PRODUCT MANAGERS • SOLUTION ARCHITECTS

JOIN THE COMMUNITY:
HTTPS://WIKI.OHIE.ORG/X/CWK0BW

PUZZLE VECTOR ART:
JULISTOCK - STOCK.ADOBE.COM

Friends in HIE

OpenHIE is honored to work alongside organizations that are equally as committed to improving global health care. Included here are the official partner organizations of our community.

In addition to these organizations, we also collaborate with many other institutions and communities working in health information exchange to reach our collective goals. Many of these organizations create, curate, and drive Digital Square Global Goods, or digital health tools that are adaptable to different countries and contexts through software, services, and content.

Partner Organizations

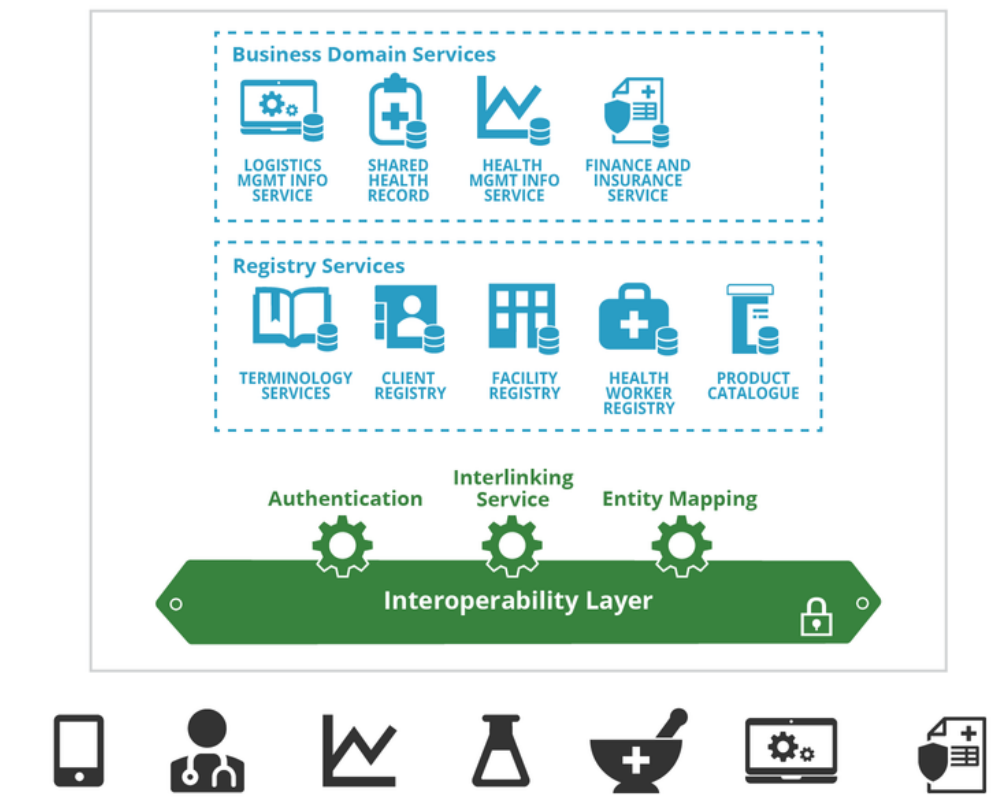
LEARN ABOUT PARTNERSHIP:
HTTPS://OHIE.ORG/CONTRIBUTE/ORGANIZATION/

Architecture Evolution

The OpenHIE Architecture Diagram visualizes the sharing of health data across information systems.

OpenHIE's architecture is made up of software components, all interacting/interoperating to ensure that health information from various point-of-service systems is gathered into a health information exchange.

To accomplish this, the exchange normalizes the context in which health information is created across multiple dimensions (i.e. who receives a health service, who provides the services, financial responsibility, etc.)



The OpenHIE Architecture Specification is a collaborative document that outlines the reusable practices of the OpenHIE approach. It has been created by the community and is regularly updated to reflect the changing landscape.

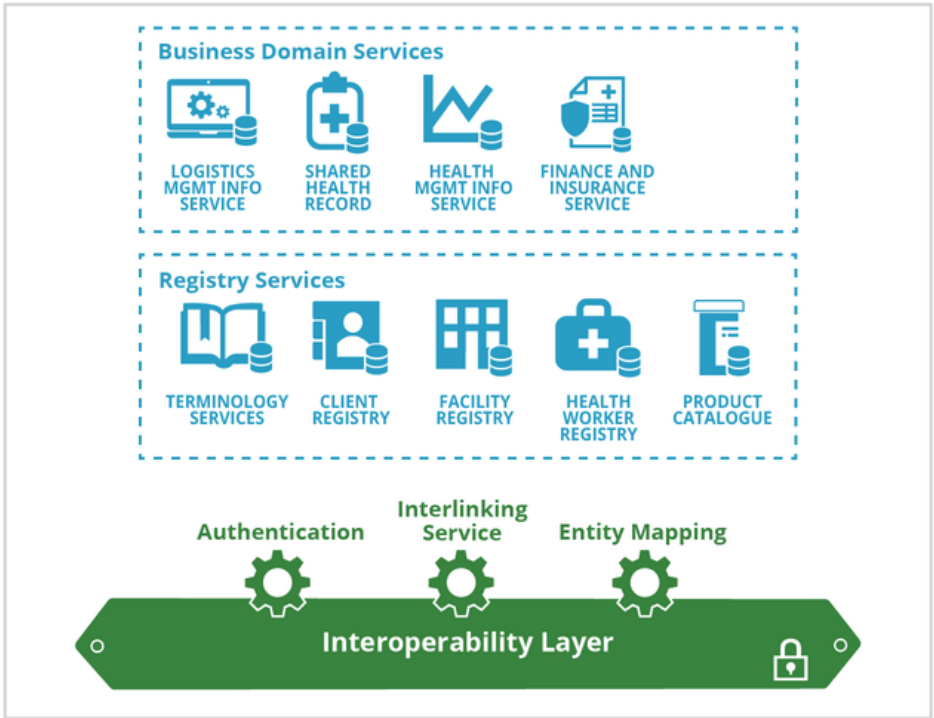
Architectures in Action

Community members have shared customized practices from their country's implementations through various community resources to contribute to the cycle of knowledge of the OHIE Architecture.

Country Profiles

Field Notes

Impact Stories



OpenHIE 2021-09-29; CC BY 4.0

Demonstrating the State of HIE

Country Profiles

Visit & Contribute: https://wiki.ohie.org/x/BwOUC

Current state of country-wide HIE activities and projects

11 Countries Reported:

Botswana • Cote d'Ivoire • Ethiopia • Haiti • Lao People's Democratic Republic • Malawi • Nepal • Rwanda • Sri Lanka • Uganda • Zimbabwe

Field Notes

Visit & Contribute: https://wiki.ohie.org/x/QQG0Bw

Implementation notes on projects that are shared in the community

Over 40 projects reported

Impact Stories

Visit & Contribute: https://ohie.org/impact-stories/

Published stories of success and impact of active implementations

14 projects reported

Together Across the Globe

#OHIE23 in Malawi

280 PARTICIPANTS FROM **33** COUNTRIES

Implementers Network

6 VIRTUAL COMMUNITY CALLS IN 2023

83 CERTIFICATES EARNED

Academy

450+ LEARNERS & **1,030+** COURSES COMPLETE

academy.ohie.org

https://wiki.ohie.org/x/PoBuAQ

As an international community of people dedicated to improving health care architecture, community members find ways to connect virtually and in-person, even though we span the globe!

Want to join in? Check out some of our connection forums:

LINKEDIN	WHATSAPP	TWITTER/X	DISCOURSE
@OPENHIE	OHIE.ORG/WHATSAPP	@OPENHIE	DISCOURSE.OHIE.ORG

OpenHIE in Meetings

Annual Community Meetings

OpenHIE Community Meetings provide the opportunity for the community to come together, share, and learn about approaches to designing interoperable solutions and governance frameworks that can be applied to health system information exchanges.

In years past these meetings have taken place in Tanzania, Ethiopia, and Malawi. These have been our main in-person opportunity for collaboration and we are looking forward to the next event in Sri Lanka in 2024!

Sub-Communities & Practice Areas

Our growing network of volunteer members and partners work together to support each other and contribute to our collective knowledge base and best practices.

All sub-communities encourage openness and collaboration when it comes to sharing knowledge. These groups meet virtually to dive deep into practice areas around health information exchange.

Implementers Network (OHIN)

OHIN is a forum dedicated to bringing together countries and implementers who are working in some of the most challenging environments on the planet to share questions, problems, and ideas so we can work on solutions together.

We regularly host virtual calls as a community to learn from project showcases and real-world implementations.

OHIE

2023 OpenHIE
Community Meeting
Lilongwe, Malawi

In May 2023 the community came together in Lilongwe, Malawi - here's how it went:

280 Participants from 33 Countries

Architecture Summit
eHealth Leader Forum
Cognitive Collaborative Hackathon
Unconference Sessions
Plenaries

Check out the video of this event!

One Decade Down

What's Next?

2013

OpenHIE launched after work that began with the Rwanda Health Information Exchange project

2018

The community spent time focusing on alignment to increase awareness of this work in HIE

#OHIE18 in Tanzania

2019

#OHIE19 in Ethiopia

The Academy kicked off at #OHIE19

2022

OpenHIE became known as a gathering forum for sharing and support for one another as subject matter experts

2023

The community focuses strongly on implementations and translating national strategies into practice with greater ownership

#OHIE23 in Malawi

The Future of OpenHIE

The Future of OpenHIE

Since 2013, OpenHIE has been working to become the global community countries rely upon to advance their implementations of Health Information Exchange, to develop the corresponding workforce, and to explore and connect with the key collaborators in these efforts throughout the world.

Our community's first decade garnered consensus throughout the global health industry on the value and concepts behind health data exchange and helped countries set up the planning phases and national level strategic plans. It's clear; we're committed to improving the healthcare experience for patients and practitioners by starting at the foundation.

In the next decade, *OpenHIE will be the space* that countries are seeking to work through how they putting those plans into practice. Implementations are beginning, if not already in the early stages of exchange.

The community has assembled most all of the key players, and we are now seeing these country representatives bringing their experiences to calls and gaining essential advice and resources from others.

Ask questions. Get answers. Share successes. Also, share challenges! This is how we've been successful for 10 years and this is how we'll move forward together. It all sounds so simple when you read it, doesn't it? Of course, we all know there is so much more to this work than can be described here, but the best way to get access to this wisdom is by your direct participation, so please come and join us!

Perhaps as an example, our community has recognized the challenges and opportunities of working with health information standards. This concept is tossed around and attached to approaches regularly, but our community feels it's important to leverage standards in agile ways. Useful standards *are not* predefined and shipped out ready-to-apply to specific implementation efforts. That said, it's impossible to do any sort of health data exchange at scale without them.

So how does a community like OpenHIE approach standards? Simple. We share them as a community amongst all of our national health data exchange implementations and create ways in which implementations can share their local customizations, and harvest from those experiences reusable versions. **Or, more simply, together we create context-relevant resources as a community and make them available to all those doing this work.**

Gone are the days of finding abstract, theoretical resources hoping they will work for an implementer's needs. The next decade of this community will show what works, by who, how it works, and make these products available to everyone. Collectively, we will promote this community as the space to both arrive at those standards and to share your experience with your peers in HIE.

Let's get down to business as we always have: Together.