

Architecture Review Board Deliverables, Members, and Responsibilities

The Architecture Review Board (ARB) is lead by the Chief Architect. ARB members are community representatives who are committed to the [Architecture Governance and Principles](#).

Deliverables

Deliverable	Description	Deliverable Type	Review Cycle	Last Review Date
OpenHIE Specification	Documentation of the OpenHIE Architecture, components and workflows.	OHIE Website	Annual or Semi-Annual	July 2022
OpenHIE Diagram Movable Options	Version of OHIE diagram with movable components for use by project teams and implementers.	Movable Diagram Wiki Page	Annually (needs to stay in sync with diagram)	June 2020
OpenHIE Testing Strategy		Coming Soon	TBD	
OpenHIE IHE Integration Statements	IHE Integration testing statements for OpenHIE reference software.	Wiki Page	Historic	May 2016
Privacy and Security	OpenHIE Architecture Topic Page that makes a statement on Privacy and Security.	Wiki Page	Review in an ARB Meeting	June 2016
FHIR Statement			Review in an ARB Meeting	

Team Governance Artifacts	Description	Deliverable Type	Review Cycle	Last Review Date
Architecture Review Board Deliverables, Members, and Responsibilities	ARB Members, ARB / Architecture Community Responsibilities and Deliverables.	Wiki Page (<i>This page</i>)		Jan. 2021
Architecture Processes		Update Coming Soon		

Members of the ARB

Individual	Represents (OpenHIE Sub-Community and/or Organization)
Shaun Grannis	Regenstrief , Patient Identity Management Community (Chief Architect)
Jack Bowie	Apelon , Terminology Services Community
Bob Jolliffe	OpenHIE Health Management Information System Community
TBA	IntraHealth , InterLinked Registries Community , Health Worker Registry Community
Jose Costa Teixeira	PATH
Ryan Crichton	Interoperability Layer Community , Shared Health Record Community
Bryn Rhodes	Database Consulting Group , FHIR
Derek Ritz	ecGroup
Carl Fourie	Digital Square , Health Financing towards UHC Community
Josh Zamor	VillageReach , Supply Chain Community
Ron G Parker	Parker Digital Health Consulting Inc.
Daniel Futerman	Jembi Health Systems , OpenHIE Implementers , Health Financing towards UHC Community
James Kariuki	CDC
Adam Preston	Facility Registry Community
Steven Wanyee Macharia	Intellisoft
Aisha Abdulahi	John Snow Incorporated

Kalechristos Negussie	Clinton Health Access Initiative
Vladimer Shioshvili	ICF
Haftamu Kebede Yigzaw	Mekelle University

Responsibilities of the ARB

Based upon real-world needs, the Architecture Review Board has the following responsibilities:

Champion the OHIE Community's principles of "Adaptable" / "implementable", "Standards-based" and "Interchangeable" / "Swappable"
Map the workflow priorities to real-world implementation needs. Make decisions based upon expressed needs.
Ensure the OHIE community is engaging in IHE and other interoperability specification development processes to meet implementer needs.
Develop workflows that appropriately leverage IHE and other standards and standards processes.
Where standards don't exist, advocate for the development of future standards solutions.
Advocate for standards-based interfaces.
Track emerging standards development processes and evaluate their usefulness to the OpenHIE community.
Enable plurality of architecture components.
Develop and maintain an architecture roadmap on a yearly basis.
Support creating, curating, and publishing the OHIE Specification, including the architecture diagram, components specifications, and workflows that support patterns for data exchange.
Routinely review and publish the specification.
When changes or updates are requested, the ARB and the Community will discuss and establish consensus.
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Solicit feedback from implementers and other OHIE community members.
Evaluate workflow additions or changes to assess the feasibility of incorporating into the OHIE framework, including determining whether the proposed workflow can be incorporated into an existing workflow with or without modification.
Ensure each workflow has a sponsor.
Make architectural decisions based on the implementer's expressed needs.
Identify standards that best support the HIE user's needs.
Maintain a process for developing workflows
Determine, curate, and communicate Maturity Model updates.
Maintain a regular process for reviewing and updating the maturity of OHIE workflows
Review sponsor assessments and work with the sponsor(s) to establish consensus on the assessment.
Determine, curate, and communicate OHIE testing strategy.
Evaluate profile and software changes and determine and prioritize testing needs.
Work with sub-communities to identify testing scenarios and cases to meet the architectural specification.
Routinely review and publish the OpenHIE Conformance Testing Specification.
Curate the OpenHIE Conformance and Compliance testing approach.
Ensure each component, workflow scenario, and test sets have a sponsor.
Build OHIE community awareness and consensus around OHIE Conformance testing and possible country-level use.

Use Architecture and DevOps community meetings and mailing lists to facilitate discussions, share information, gather input, and establish consensus.

Curate Reference Software lists.

Engage each of the OpenHIE sub-communities to nominate the proposed reference software(s) of the community.

Validate the community's evaluation of the software against the Specification and Conformance Testing Framework.

Publish and curate the list of software on the OpenHIE wiki and correlate artifacts with the specification.

NOTE: It is **not** this board's responsibility for identifying software (that lies with the sub-communities), however, it is the responsibility to validate the nominees and evaluate their submission based on the specification.

Support the community at large in understanding the OHIE architecture framework

Support emerging and existing OHIE community groups with onboarding on the fundamentals of the OHIE specification and architecture

Engage in other community calls as needed/appropriate to support the introduction to the architecture.

Represent the OpenHIE architecture in LMIC and digital health community meetings and conferences as appropriate.