

2018 OpenHIE Architecture Revision

Diagram Purpose: Educate, enable strategy and planning and market

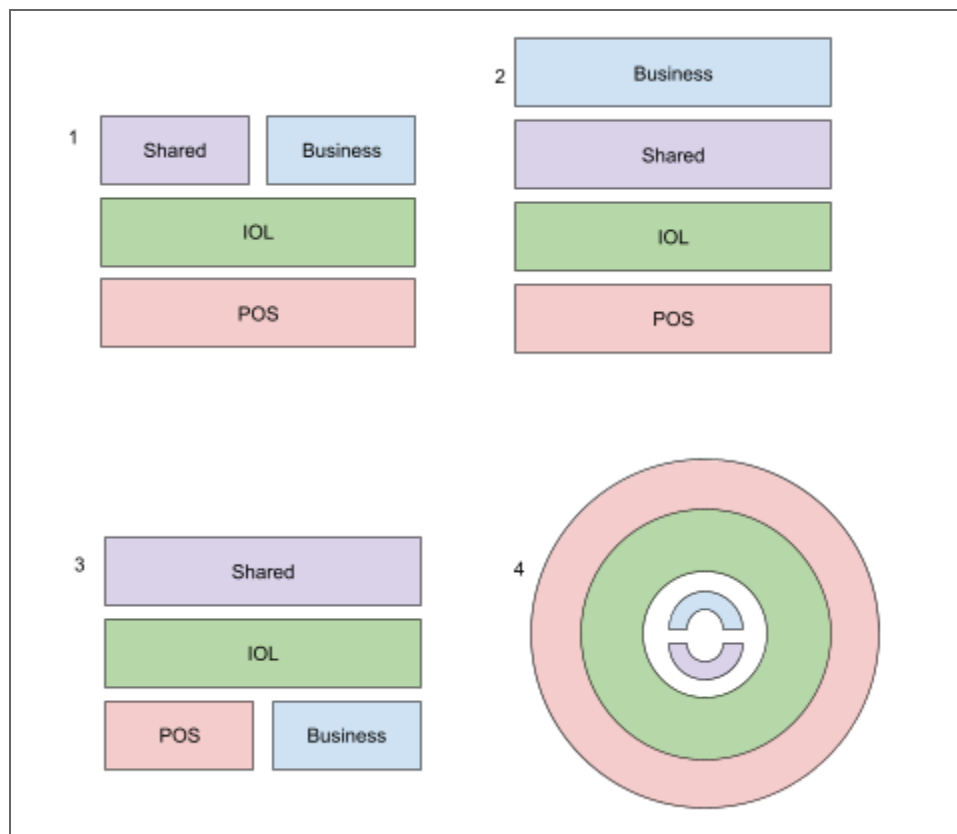
Current Written Purpose

The following diagram is a high-level conceptual diagram or logical overview of the OpenHIE architecture that is intended to be notional. This diagram represents the consensus of the OpenHIE Architecture Review Board as determined through the Architecture Governance and Principles. It is expected that implementations based upon OpenHIE may have more precise lower-level conceptual diagrams and /or physical diagrams.

Analysis Process Steps

- 1) [Collected diagrams and ideas](#)
- 2) Analyzed all posted diagrams for patterns
- 3) Reviewed patterns and drafted definitions for the different layers / services

Diagrams Patterns Identified



Draft Definitions

<i>Service / Layer</i>	<i>Description</i>	<i>Components</i>
Shared Services	Components reused by multiple applications and workflows - focused on specific data standard types. Can be used to translate IDs or terms.	CR, FR, HWR, SHR, TS Medications / products would also fit here
Interoperability Layer		IOL
Point of Service Applications	Data collection applications and clinical decision support. (ie. end user, applications at facilities or used in the field)	Mobile, Clinic systems, Lab systems, Hospital systems, imaging systems
Business Intelligence & Analysis Applications	Institution based HIS and business or health system decision support.	HMIS, DW