# **Interoperability Layer Documentation**

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## **Value Proposition**

Please contribute to the value propostion document here

## **Use cases and Requirements**

• Interoperability Layer - Use Cases and Requirements

## **Architecture and Design Discussions**

- Architecture discussion: Central component vs. no central component
- Architecture discussion: ESB vs No ESB
- Architecture for using CSD in the OpenHIM
- Authentication and Authorization within OpenHIE
- Division of Labor Between the Registries and the Interoperability Layer
- · Interactions through the Interoperability Layer
- Mark Tucker Blog on Interoperability Layer
- Consent Management IL community thoughts

## **Design Specification**

- OpenHIE Interoperability Layer design document
- Design of the Interoperability Layer core using Node.js
- Services that an HIM should provide
- Authentication and Authorization within OpenHIE
- Restricting access to domain service endpoints

## **Supported Workflows and Standards**

General OHIE workflows

• OpenHIE Data Exchanges (Workflows between components)

HIM-Specific workflows

- · Common message security workflow
- SSO User workflow

### **Transaction and Message specifications**

• OpenHIE Transactions

#### Additional documentation

Presentations

## The OpenHIM Tool

The OpenHIM is the open-source middle-ware tool developed to meet the requirements of an IOL as defined by this community.

More information about this evolving tool still under active development can be found on the OpenHIM website and the code repository is available on Github

View the 2014 Technical Development Roadmap to see what additional features and functionality are planned.

OpenHIM training material is available here.