Interoperability Layer Roadmap

> The Roadmap describes the major features planned for the Interoperability Layer according to estimated timeline.
>
> **NOTE:** This roadmap is constantly being reviewed and and will likely change as it is refined and as other requirements are defined and additional use cases introduced.

2018 Roadmap

	Q1 (Jan-Mar)	Q2 (Apr-Jun)	Q3 (Jul-Sep)	Q4 (Oct-Dec)
Reference application development	Ensure full conformance to following IHE profiles: • MHD • PIXm • PDQm • ATNA			
Documentation	Supporting documentation			
Design Workflows				
Implement new workflows in reference implementation				
Laboratory test new workflows				

2017 Roadmap

	Q1 (Jan-Mar)	Q2 (Apr-Jun)	Q3 (Jul-Sep)	Q4 (Oct-Dec)
Reference application development	Version 3.4.0 released on 23rd March This is a new minor release of the OpenHIM. This release contains the following: • Large transaction that are updated via the API can now be truncated • Fix some weird numbers in transaction reporting • Node v4 and above in now required • Conflict detection between clients and role names • Bug fixes and performance improvements See a full list of changes here.			Version 4.0.0.due for release This OpenHIM release will contain: • Update node to version 9 • Update Travis autodeploy • Remove unnecessary dependencies that broke with Node upgrade • Add HTTP Channel type method selector feature • Add Audit-trail for changes to the endpoints
Documentation				Version 4.0.0. documentation on Readthedocs This will include updated and expanded Implementers Guide and Specifications.

2016 Roadmap

	Q1 (Jan-Mar)	Q2 (Apr-Jun)	Q3 (Jul-Sep)	Q4 (Oct-Dec)

Reference application development	**Version 1.5.0 r**eleased on 16th Feb This is a new minor release of the OpenHIM with a number of key changes.	**Version 2.0.0** released on 2nd June 2016. This is a new release of the OpenHIM with some important breaking changes including • Revised authorisation system. • Default mediator channels are now not added automatically, they must be installed manually via the API or console. This give the user better control of how mediators act. • The OpenHIM now trusts the common rootCAs when verifying a clients certificate so it means that self signed certificates aren't required for clients.	**Version 3.1.0** released on 12th September 2016. This is a new major release of the OpenHIM. For a full list of changes see here **Version 3.0.0** released on 2nd August 2016. This is a new breaking change release of the OpenHIM. For a full list of changes se e here	**Version 3.3.1** released on18th November . Includes a minor packaging fix. **Version 3.3.0** released on18th November . This is a new minor release of the OpenHIM. To see all changes, click here **Version 3.2.1** released on1st November This is a new minor release of the OpenHIM. See a full list of changes here

2015 Roadmap

	Q1 (Jan-Mar) 2015	**Q2 (Apr-Jun) 2015**	**Q3 (Jul-Sep) 2015**	**Q4 (Oct-Dec) 2015**
Workflow development	• Discuss and design the ICP interaction workflow (see ICP white paper) • Alerting transaction - triggered by ICP perhaps • PDQm adaption to v2 • How does the TS fit into the IL workflows • Consent management • How to better describe the IL services - do we need more detailed component architectures? (some of hidden transaction eg ATNA, consent)	• Discuss and design the ICP interaction workflow (see ICP white paper) • Alerting transaction - triggered by ICP perhaps • PDQm adaption to v2 • How does the TS fit into the IL workflows • Consent management • How to better describe the IL services - do we need more detailed component architectures? (some of hidden transaction eg ATNA, consent)	• Discuss ODD Support • Discuss MHD support	• Discuss ADX support • Discuss basic priv acy and consent support
Reference application development		Version 1.2 released on 30th April See release notes here	Version 1.3 released on 20th July see release notes here Improved documentation for mediators and enhanced repository - due 30th September	IHE Connectathon preparation
Documentation			Focus on documentation to make it easier to get started with mediators	
Laboratory testing of workflow / reference application				

2014 Roadmap

	Q1 (Jan-Mar) 2014	**Q2 (Apr-Jun) 2014**	**Q3 (Jul-Sep) 2014**	**Q4 (Oct-Dec) 2014**
Workflow development	• SSO for human user of the HIE applications • Authentication and authorization for client systems • Save patient-level clinical data workflow - V1.0	• Save patient-level clinical data workflow - V1.0 • Query encounter workflow	• Discuss and design the ICP interaction workflow • What does the IL need to do for OpenHIE version 1	• Discuss and design the ICP interaction workflow (see ICP white paper) • Alerting transaction - triggered by ICP perhaps • Should the arch decouple the content to the transport

Reference application development	• Build new OpenHIM core engine	• Build new OpenHIM core engine • Build new OpenHIM web management console	• Build new OpenHIM core engine • Build new OpenHIM web management console • Design and prototype mediator plug-in architecture • Develop mediator base scaffolding • Update save encounter mediator • Build support for secure sockets in the reference application	• Refine OpenHIM core engine • Refine OpenHIM web management console • Develop mediator plug-in architecture • Develop mediator base scaffolding • Update save encounter mediator • Build support for secure sockets in the reference application
Laboratory testing of workflow / reference application			• Begin deploying new OpenHIM core to RHIE preprod and other RSA work preprod	• Deploy to OpenHIE demo server