# nehta

## My Health Record B2B Client Library
# Product Data Sheet v1.4

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Approved for external information

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**Key features**

- Supports all B2B interfaces of My Health Record system release 7
- Utilising NEHTA Clinical Document Packaging Library

**Usage (internal, external)**

- Vendor products
- Reference Platform Portal My Health Record SVT Demo

**Format**

- ZIP file (.NET and Java)

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## Introduction

The My Health Record system has a number of B2B SOAP web services, which allow vendors to incorporate My Health Record system functionality in their products. The My Health Record B2B Client Library provides vendors with a sample implementation of these services in both Java and .NET development environments.

The My Health Record B2B Client Library is based on the NEHTA Clinical Document Packaging Library to support the packaging requirements as part of the uploading of clinical documents.

## Content

The My Health Record B2B Client Library simplifies the development process by providing vendors with a sample implementation of how to interact with the My Health Record system. The library implements all B2B interfaces of My Health Record system release 7, as listed below (these are the logical names):

- doesPCEHRExist [RA-LSS][RA-TSS]
- gainPCEHRAccess [RA-LSS][RA-TSS]
- uploadDocument [DE-LSS][DE-TSS]
- retrieveDocument [DE-LSS][DE-TSS]
- uploadDocumentMetadata [DE-LSS][DE-TSS]
- findDocuments [DE-LSS][DE-TSS]
- removeDocument [DE-LSS][DE-TSS]
- getAuditView [VS-LSS][VS-TSS]

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- getChangeHistoryView [VS-LSS][VS-TSS]
- getView  [VS-LSS][VS-TSS] - supporting 7 views:
  - healthCheckScheduleView
  - medicareOverview
  - observationView
  - prescriptionAndDispenseView
  - healthRecordOverview
  - diagnosticImagingReportView
  - pathologyReportView
- getTemplate [TS-LSS][TS-TSS]
- searchTemplate [TS-LSS][TS-TSS]
- getIndividualDetailsView [VS-LSS][VS-TSS]
- getRepresentativeList [VS-LSS][VS-TSS]
- registerPCEHR [RS-LSS][RS-TSS]

Details of each interface are described and defined in the My Health Record LSS and TSS specifications, as per the references in the above list. The WSDL and schemas [WSDL] for all of the interfaces are also available on the same website.

The library demonstrates how to sign the SOAP header for both TEXT and MTOM encoding, as required by each interface, and how to map data into the XDS metadata components using the clinical document as the source of the information, thus removing the chance of invalidating the SOAP request. Examples are also included on how to invoke each interface.

## Downloads

The My Health Record B2B Client Library (Java and .NET) is available in the My Health Record Integration Toolkit from the following link:

http://www.nehta.gov.au/implementation-resources/ehealth-reference-platform/pcehr-integration-toolkit

The WSDLs, sample request and response SOAP messages are available from the same link.

The Generic Clinical Document Style Sheet, Prescription and Dispense View Style Sheet, and the Clinical Document Packaging Library (Java and .NET) are available in the Clinical Documents Integration Toolkit at the following link:

http://www.nehta.gov.au/implementation-resources/ehealth-reference-platform/clinical-documents-integration-toolkit

# References

The following documents are available from www.nehta.gov.au.

| Tag | NEHTA ID and link | Name |
|-----|-------------------|------|
| [DE-LSS] | NEHTA-1970:2014 | PCEHR Document Exchange Service - Logical Service Specification v1.3.1 |
| [DE-TSS] | NEHTA-1971:2014 | PCEHR Document Exchange using the IHE XDS b Platform Technical Service Specification v1.5.1 |
| [RA-LSS] | NEHTA-1036:2011 | PCEHR Record Access Service - Logical Service Specification v1.0 |
| [RA-TSS] | NEHTA-1120:2012 | PCEHR Record Access Service - Technical Service Specification v1.4 |
| [RS-LSS] | NEHTA-1966:2015 | PCEHR Registration Service - Logical Service Specification v1.2 |
| [RS-TSS] | NEHTA-1967:2015 | PCEHR Registration Service - Technical Service Specification v1.2 |
| [V-SLSS] | NEHTA-1968:2014 | PCEHR View Service - Logical Service Specification v1.4 |
| [VS-TSS] | NEHTA-1969:2014 | PCEHR View Service - Technical Service Specification v1.6 |
| [TS-LSS] | NEHTA-1119:2012 | PCEHR Template Service - Interface Logical Service Specification v1.1 |
| [TS-TSS] | NEHTA-1118:2012 | PCEHR Template Service - Interface Technical Service Specification v1.3 |
| [WSDL] | NEHTA-2145:2014 | PCEHR WSDLs for Release 3 onwards |