



# Clinical Document Library

## Product Data Sheet

3 August 2020 v1.6  
Approved for external information  
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### Key features

- .NET variant of the library:
  - Supports all clinical document types for My Health Record system release 11
  - Supports all clinical document types for point-to-point secure messaging
- Java variant of the library:
  - Supports most frequently used clinical document types (see below for details)

### Usage (internal, external)

- Clinical information systems
- Reference Platform Portal demo

### Format

- ZIP file for Java variant
- ZIP file for .NET variant

## Introduction

To ensure a consistent and structured approach for providing and sharing clinical information, the My Health Record system accepts only documents of supported HL7™ CDA™<sup>1</sup> document types.

The Clinical Document Library provides sample code for developers of clinical information systems to generate clinical documents for document types supported by the My Health Record system. The library provides developers with an easy-to-use interface for the generation of clinical documents.

It is important to note that use of the library does not ensure conformity of the generated documents to their respective document type specifications. Developers need to perform comprehensive conformance assessments of software using the Clinical Document Library before declaring its conformity to the My Health Record System Operator.

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<sup>1</sup> HL7 and CDA are trademarks of Health Level Seven International and are registered with the United States Patent and Trademark Office.

The Agency publishes the Clinical Package Validator<sup>2</sup>, which can help reduce developers’ overall effort for conformance assessments by automating the execution of a substantial number of conformance checks for clinical documents. However, these checks are not comprehensive and hence do not ensure conformity by themselves.

Conformity to the requirements for a particular clinical document type always needs to be declared for a particular version of the conformance profile for the document type. The Agency’s Template Package Directory<sup>3</sup> provides a mapping of conformance profile versions to template packages that can be used with the Validator to perform these conformance checks.

## Content

The Clinical Document Library product consists of two main parts:

- The document generator library;
- Sample code for the utilisation of the library.

The sample code is aimed at demonstrating how to instantiate each of the library features, including the generation of minimum and maximum document instances. A minimum document instance contains all mandatory but none of the optional fields. A maximum document instance contains all mandatory and all optional fields.

The library is available in a Java and a .NET variant, with slightly different scopes of supported clinical document types:

- .NET variant: all document types for My Health Record system release 11
- Java variant: document types commonly used in hospital settings

The tables below provide a comprehensive list of the document types supported by each of the two library variants.

*Table 1 - Supported document types (.NET library variant)*

Document type	Conformance level				
	1A	1B	2	3A	3B
Advance Care Directive Custodian Record				✓	
Advance Care Planning Document				✓	
eHealth Diagnostic Imaging Report				✓	
Discharge Summary	✓	✓	✓	✓	✓
eHealth Dispense Record				✓	
Event Summary				✓	✓
Goals of Care				✓	
eHealth Pathology Report				✓	
Pharmacist Shared Medicines List	✓				

<sup>2</sup> <https://developer.digitalhealth.gov.au/specifications/ehealth-reference-platform/ep-2903-2020>

<sup>3</sup> [Template Package Directory v1.13](#)

Document type	Conformance level				
	1A	1B	2	3A	3B
eHealth Prescription Record				✓	
Referral v1.4 (eReferral)	✓	✓	✓	✓	✓
Referral v2.0 (Service Referral)	✓	✓		✓	
Shared Health Summary				✓	✓
Specialist Letter	✓	✓	✓	✓	✓

Table 2 - Supported document types (Java library variant)

Document type	Conformance level				
	1A	1B	2	3A	3B
Advance Care Directive Custodian Record				✓	
Advance Care Planning Document				✓	
eHealth Diagnostic Imaging Report				✓	
Discharge Summary	✓	✓	✓	✓	
Event Summary				✓	
Goals of Care				✓	
eHealth Pathology Report				✓	
Pharmacist Shared Medicines List	✓				
Referral v1.4 (eReferral)	✓			✓	
Referral v2.0 (Service Referral)	✓	✓		✓	
Shared Health Summary				✓	
Specialist Letter	✓	✓	✓	✓	

## System requirements

Build and usage of the Clinical Document Library - .NET Sample Code requires at least v4.0 of the Microsoft .NET framework.

Build and usage of the Clinical Document Library – Java Sample Code requires at least v8.0 of Java.

## Licence

The Clinical Document Library is licensed under the Source Code Licence and Production Disclaimer included in its zip file.

## Downloads

The latest version of the Clinical Document Library is available as part of the Clinical Documents Integration Toolkit at the following location:

<https://developer.digitalhealth.gov.au/specifications/ehealth-reference-platform/ep-2912-2020>

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