



PCEHR Conformance Profile for Event Summary Clinical Documents

Version 1.1 - 16 March 2012

Final

National E-Health Transition Authority Ltd

Level 25

56 Pitt Street

Sydney, NSW, 2000

Australia.

www.nehta.gov.au

Disclaimer

NEHTA makes the information and other material ("Information") in this document available in good faith but without any representation or warranty as to its accuracy or completeness. NEHTA cannot accept any responsibility for the consequences of any use of the Information. As the Information is of a general nature only, it is up to any person using or relying on the Information to ensure that it is accurate, complete and suitable for the circumstances of its use.

Security

The content of this document is confidential. The information contained herein must only be used for the purpose for which it is supplied and must not be disclosed other than explicitly agreed in writing with NEHTA.

Table of contents

Table of contents iii

Document information iv

1 Introduction 1

1.1 Purpose 1

1.2 Scope..... 1

1.3 Intended audience 1

1.4 Contact details 1

2 Abbreviations and Terminology 2

3 Event Summary 3

3.1.1 Introduction 3

3.1.2 Objects of Conformance..... 3

3.1.3 Relevant Specifications 3

3.1.4 Conformance Requirements for Producers 3

3.1.5 Conformance Requirements for Consumers 4

Appendix A: References 6

Appendix B: Change Log 7

Document information

Version	Date	Comments
0.5	24 Nov 2011	First draft (as separate document)
1.0	28 Nov 2011	Published version
1.01	21 Dec 2011	Clarification on extensibility was added
1.1	16 Mar 2012	See Change Log in Appendix B

1 Introduction

1.1 Purpose

This document summarises the requirements for producers and consumers of the Event Summary Clinical Document that connect to the National PCEHR System.

This document lists the specific conformance requirements for the Event Summary Clinical Document that are in addition to the Common Conformance Profile for Clinical Documents [NEHTA2012a]. Both documents represent the complete conformance requirements for the Event Summary Clinical Document.

1.2 Scope

The scope of this Conformance Profile is the use of Event Summary Clinical Documents in the context of the National PCHER System, that is, in a “point-to-share” environment.

1.3 Intended audience

The intended audience includes the following organisations:

- Healthcare Providers;
- Vendors and developers of connecting systems; and
- Software test laboratories.

1.4 Contact details

Any comments or feedback should be sent to NEHTA at: nehtasupport@nehta.gov.au.

2 Abbreviations and Terminology

CDA	Clinical Document Architecture; an XML-based markup standard intended to specify the encoding, structure and semantics of clinical documents exchanged between health software systems.
Conformance	Conformance is a measurement (by testing) of the adherence of an implementation to a specification or standard.
HL7	Healthcare Level 7
PCEHR	Personally controlled electronic health record.
May	This verb 'may' when appearing in a conformance requirement indicates an optional requirement. Its negative form 'may not' indicates an option that should not be supported.
Shall	This verb 'shall' when appearing in a conformance requirement indicates a mandatory requirement. Its negative form 'shall not' indicates a prohibition
Should	The verb 'should' when appearing in a conformance requirement indicates a recommendation. Its negative form 'should not' indicates an option that should not be supported.

3 Event Summary

3.1.1 Introduction

This section describes the conformance requirements specific to the Event Summary Clinical Document type when it is used in a point-to-share communication with the National PCEHR System.

3.1.2 Objects of Conformance

This Conformance Profile for Clinical Documents applies to the additional objects described in Table 3.1.

Object of conformance	Examples/Description
Clinical Information System	An information system used in a clinical context to manage a wide range of clinical information functions that connects to the National PCEHR System
Registered Repository	A repository used to store Clinical Documents and other clinical data that connects to the National PCEHR System
Registered Provider Portal	A system used by healthcare providers to access information on the National PCEHR System
Registered Consumer Portal	A system used by healthcare recipients to access information on the National PCEHR System

Table 3.1: Objects of Conformance

3.1.3 Relevant Specifications

The detailed conformance requirements are listed in Table 3.2.

Specification	Notes
Event Summary structured content specification [NEHTA2011]	Specifies the data elements and constrained values for a clinical document at a logical level.
Event Summary CDA implementation guide [NEHTA2012a]	Specifies the mapping from the structured content specification into a clinical document using an HL7 CDA structure.

Table 3.2: Specifications for Event Summary

3.1.4 Conformance Requirements for Producers

3.1.4.1 Objects of Conformance

The Clinical Document's Objects of Conformance requirements include:

1. Event Summary clinical documents may be produced by:
 - Clinical Information Systems; and
 - Registered Repositories.

2. Event Summary clinical documents shall not be produced by:

- Registered Consumer Portals; and
- Registered Provider Portals.

3.1.4.2 Relevant Specifications

Implementing conformance for a connecting system to the National PCEHR System requires the relevant PCEHR business use cases [NEHTA2012c] to be identified for Clinical Documents. Table 3.3 specifies the minimum set of clinical use cases to which a Producer shall conform.

PCEHR Business Use Case	Relevance
PCEHR.BUC.CIS.201 – Upload a New Clinical Document	Mandatory
PCEHR.BUC.CIS.203 – Update a Clinical Document	Mandatory
PCEHR.BUC.CIS.204 – Remove a Clinical Document	Mandatory

Table 3.3: PCEHR Business Use Cases

The relevant PCEHR software conformance requirements [NEHTA2012d] that correspond to these business use cases shall be supported.

3.1.4.3 Conformance Levels

The minimum level of CDA Conformance for the Event Summary clinical document shall be CDA Level 1B [NEHTA2012a].

3.1.4.4 CDA Limitations

The Clinical Document's CDA Limitations requirements include:

1. The MIME types to be supported as attachments for Event Summary clinical documents shall be as follows:
 - image/gif
 - text/html
 - image/jpeg
 - application/pdf
 - image/png
 - text/richtext
 - text/plain
 - application/xml
 - application/vnd.openxmlformats-officedocument.wordprocessingml.document
2. The size of the attachment shall not be greater than 5MB.

3.1.5 Conformance Requirements for Consumers

3.1.5.1 Objects of Conformance

The Clinical Document's Objects of Conformance requirements include:

1. Event Summary clinical documents shall be consumed by:
 - Clinical Information Systems;

- Registered Consumer Portals; and
- Registered Provider Portals.

2. Event Summary clinical documents shall not be consumed by:
 - Registered Repositories.

3.1.5.2 Relevant Specifications

Implementing conformance for a connecting system to the National PCEHR System requires the relevant PCEHR business use cases [NEHTA2012c] to be identified for Clinical Documents. Table 3.4 specifies the minimum set of clinical use cases to which a Producer shall conform.

PCEHR Business Use Case	Relevance
PCEHR.BUC.CIS.205 – Download a Clinical Document	Mandatory

Table 3.4: PCEHR Business Use Cases

The relevant PCEHR software conformance requirements [NEHTA2012d] that correspond to these business use cases shall be supported.

Appendix A: References

This appendix lists documents that provide information for or about this document. At the time of publication, the document versions listed below were valid. However, as all documents are subject to revision, readers are encouraged to use the most recent versions of these documents.

[NEHTA2011]	Event Summary Structured Content Specification, Version 1.0, NEHTA, 31 Oct 2011
[NEHTA2012a]	Event Summary CDA Implementation Guide, NEHTA, Version 1.2, 7 Mar 2012
[NEHTA2012b]	Common Conformance Profile for Clinical Documents, NEHTA, 2 Mar 2012, Version 1.1
[NEHTA2012c]	Business Use Cases for Clinical Information Systems Connecting to the National PCHER System, NEHTA,[Under Development]
[NEHTA2012d]	Software Conformance Requirements for Clinical Information Systems Connecting to the National PCHER System, NEHTA ,[Under Development]

Appendix B: Change Log

This appendix lists the major changes and fixes applied to this Document.

ID	Section	Change Detail	Rationale
1	3.1.2	Added Objects of Conformance specific to the PCEHR context	Support requirements to constrain Clinical Documents to specific PCEHR connecting systems
2	3.1.4.1	Added new section to constrain clinical document to certain PCEHR conformance contexts	See ID#1
3	3.1.4.2	Added new section to include reference to mandatory Clinical Document use cases	Required to support end-system behaviour conformance
4	3.1.4.3	The minimum conformance level was changed from 3A to 1B.	An event summary containing unstructured text in the document body is acceptable.
5	3.1.4.4	Added new section to includes reference to approves attachment types and file size limit	To support PCEHR requirements
6	3.1.5.1	Added new section to constrain clinical document to certain PCEHR conformance contexts	See ID#1
7	3.1.5.2	Added new section to include reference to mandatory Clinical Document use cases	Required to support end-system behaviour conformance

Changes from Version 1.01 (21 Dec 2011) to Version 1.1 (7 Mar 2012)