nehta

PCEHR B2B Gateway Services v1.6

Release Note

31 December 2014

Approved for external use

EP-1892:2014 PCEHR B2B Gateway Services v1.6

Release rationale

This release of the PCEHR B2B Gateway Service includes updates to the logical and technical service specifications for View Service and Document Exchange Service.

The updates to the PCEHR B2B specifications are as a result of new capability being introduced in December 2014. This major functionality includes:

- Support for Pathology Reports and Pathology View

- Support for Diagnostic Imaging Reports and Diagnostic Imaging View

- Support for the Health Record Overview

- Enhancements to the Medicare Overview.

Package inclusions

New

None

Updated (supersedes previous version)

Identifier	Name and version
NEHTA-1972:2014	PCEHR B2B Gateway Service – Release Note v1.6 *(this document)*
NEHTA-1970:2014	PCEHR Document Exchange - Logical Service Specification v1.3.1
NEHTA-1971:2014	PCEHR Document Exchange - Technical Service Specification v1.5.1
NEHTA-1968:2014	PCEHR View Service - Logical Service Specification v1.4
NEHTA-1969:2014	PCEHR View Service - Technical Service Specification v1.6.1

Removed and archived

The following documents have been archived since their content is now reflected in the updated specifications.

Identifier	Name and version
NEHTA-1055:2012	PCEHR B2B Gateway Service - FAQ International Character v1.0
NEHTA-1056:2012	PCEHR B2B Gateway Service – Integration Correct usage of XDSDocumentEntry.typeCodeDisplayName field v1.0
NEHTA-1098:2012	FAQ Limiting PCEHR Document List v1.0

No change

Identifier	Name and version
NEHTA-1029:2012	PCEHR Account Management Service - Logical Service Specification v1.0
NEHTA-1036:2011	PCEHR Record Access Service - Logical Service Specification v1.0
NEHTA-1120:2012	PCEHR Record Access Service - Technical Service Specification v1.4
NEHTA-1172:2012	PCEHR B2B Gateway Services – FAQ Hash Value in Medicare Documents v1.0
NEHTA-1220:2014	PCEHR Registration Service - Logical Service Specification v1.1
NEHTA-1038:2014	PCEHR Registration Service - Technical Service Specification v1.1

Release history

As well as introducing new functionality to the PCEHR system this release incorporates clarifications previously listed in FAQs into the service specifications.

Audience

The intended audience of this document includes:

- Hospital networks, eHealth implementation site and jurisdictional health departments in the process of planning and implementing integration with the PCEHR system

- Software vendors developing PCEHR-enabled products.

Capabilities

Additions

- Pathology document support

- Diagnostic imaging document support

- Pathology View

- Diagnostic Imaging View

- Health Record Overview

- A new version of the Medicare Overview View which includes document links in the narrative

- An appendix explaining the PCEHR document links format used within the PCEHR system to the View Service and Document Exchange Service technical service specifications.

Clarifications and updates

- Updated Table 2 and Table 4 in the Document Exchange technical service specification which clarifies what XPath fields are required in the relevant XDS Document Entry and Submission metadata

- Clarified Table 3 in the Document Exchange technical service specification to highlight the correct coding system, codes and names for the clinical documents

- Added notes explaining Medicare hash values, limiting document lists responses only to desired clinical documents, Latin only character set support in the Document Exchange Service.

- View Service error code 1600 clarified to state that too many entries is over 500.

Removals

- WSDL and XSD appendices have been removed and are now available as a separate product component in the PCEHR Integration Toolkit.

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

Support

Support for these documents will be aligned with product changes as they occur. Governance of these changes will be managed through the change control process of NEHTA in conjunction with the PCEHR System Operator.

For support or to provide feedback, please email the NEHTA Service Desk at help@nehta.gov.au or phone 1300 901 001.

Future releases

Future releases of the View Service will support allowing a user-specified 'to date' field in the Pathology and Diagnostic View Services.

Previous releases

PCEHR B2B Gateway Services v1.5.3

EP-1571:2014, 10 March 2014

Release rationale

- This incremental release removes the *PCEHR B2B Gateway Services - Supplementary Guidance v1.0,* introduced with the previous release of this end product. This document has been discontinued and its content is now included in *Clinical Documents – PCEHR Usability Recommendations v1.1*, which is part of the Common – Clinical Document v1.1.2 end product.

  The transition of this guidance into the Common – Clinical Document end product improves the accessibility of available usability guidance by combining the usability recommendations for PCEHR B2B Gateway Services with those for clinical documents. The new format for usability guidance, "usability recommendations", makes it easier for implementers to assess whether their software applies the recommendations.

  Note that PCEHR usability recommendations are not part of PCEHR conformance requirements. Only the latter are used as the basis for conformance assessments performed as a prerequisite to PCEHR system integration.

- This release also removes the developer resource product components and related product data sheets. These have been republished in a new end product, PCEHR Integration Toolkit v1.0, available from the link below.

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

- Finally, this release consolidates four previously separate release notes into this single release note covering all previous releases.

Package inclusions

New

None

Updated (supersedes previous version)

Identifier	Name
NEHTA-1570:2014	*PCEHR B2B Gateway Services Release Note v1.5.3*

Removed (and archived)

Identifier	Name
NEHTA-1475:2013	*PCEHR B2B Gateway Services - Supplementary Guidance v1.0*

Removed (combined with this release note)

Identifier	Name
NEHTA-1498:2013	*PCEHR B2B Gateway Services - Release Note for CUP v1.5.2*

Identifier	Name
NEHTA-1269:2013	*PCEHR B2B Gateway Services - Release Note for View Service v1.4*
NEHTA-1203:2012	*PCEHR B2B Gateway Services - Release Note for HPI-O Relaxation v1.0*
NEHTA-1219:2012	*PCEHR B2B Gateway Services - Release Note for Assisted Registration v1.0*

No change

Identifier	Name
NEHTA-1264:2013	*PCEHR Document Exchange Service - Technical Service Specification v1.4*
NEHTA-1117:2012	*PCEHR Document Exchange Service - Logical Service Specification v1.2*
NEHTA-1265:2013	*PCEHR View Service - Technical Service Specification v1.5*
NEHTA-1266:2013	*PCEHR View Service - Logical Service Specification v1.3*
NEHTA-1029:2012	*PCEHR Account Management Service - Logical Service Specification v1.0*
NEHTA-1036:2011	*PCEHR Record Access Service - Logical Service Specification v1.0*
NEHTA-1120:2012	*PCEHR Record Access Service - Technical Service Specification v1.4*
NEHTA-1220:2012	*PCEHR Registration Service - Logical Service Specification v1.1*
NEHTA-1038:2012	*PCEHR Registration Service - Technical Service Specification v1.1*
NEHTA-1172:2012	*PCEHR B2B Gateway Services - FAQ Hash Value in Medicare Documents v1.0*
NEHTA-1055:2012	*PCEHR B2B Gateway Services - FAQ International Character v1.0*
NEHTA-1056:2012	*PCEHR B2B Gateway Services - FAQ Integration v2.0*
NEHTA-1098:2012	*PCEHR B2B Gateway Services - FAQ Limiting PCEHR Document List v1.0*

Moved to new end product

Republished in [PCEHR Integration Toolkit v1.0](#)

The following product components have been removed from this end product and republished in the PCEHR Integration Toolkit v1.0 under the identifier shown.

Superseded and republished

Identifier	Name and version
NEHTA-1617:2014	*PCEHR B2B Client Library - Java Sample Code v1.0.0*
NEHTA-1616:2014	*PCEHR B2B Client Library - .NET Sample Code v1.0.1*

Republished (same version, new identifier)

New identifier	Name and version	Old identifier
NEHTA-1619:2013	*PCEHR B2B Client Library - Compiled WSDLs for Java v2.2.4*	NEHTA-1302:2013
NEHTA-1618:2013	*PCEHR B2B Client Library - Example SOAP Request Responses v1.0*	NEHTA-1205:2012

New identifier	Name and version		Old identifier
NEHTA-1620:2013	*PCEHR B2B Client Library - Schema WSDL v1.1*		NEHTA-1301:2013

Audience

The intended audience of this document includes:

- Hospital networks, eHealth implementation sites and jurisdictional health departments in the process of planning and implementing integration with the PCEHR system

- Software vendors developing PCEHR-enabled products

Support

Support of these documents will be aligned with product changes as they occur. Governance of these changes will be managed through the change control process of NEHTA in conjunction with the PCEHR System Operator.

This release will be supported for two years from the date of publication. For further support or to provide feedback, please email the NEHTA Service Desk at help@nehta.gov.au or phone on 1300 901 001.

Release note for CUP v1.5.2

Identifier of original release note: NEHTA-1498:2013, 25 October 2013

Summary

Release rationale

This release of the PCEHR B2B Gateway Service includes supplementary guidance on areas not covered in the B2B Gateway Service specifications.

The guidance was prepared as part of NEHTA's Clinical Usability Program (CUP) in consultation with clinicians. It is intended to promote usability of clinical software interacting with the PCEHR system and greater consistency between software products.

Scope

This supplementary guidance scope covers the following specifications - *PCEHR B2B View Service Logical Service Specification v1.3* and the *PCEHR B2B Document Exchange Service Using the IHE XDS.b Platform Technical Service Specification v1.4*. It includes additional guidance on the following topics:

- Locating and accessing PCEHR functions
- Displaying PCEHR document lists
- Setting Healthcare Facility Type Code

It does not add, modify or remove requirements from clinical document specifications or conformance profiles.

Package Inclusions

The package includes *PCEHR B2B Gateway Service – Supplementary Guidance for Implementers v1.0*.

Audience

The intended audience of this document includes:

- Hospital networks, eHealth implementation sites and jurisdictional health departments in the process of planning and implementing integration with the PCEHR system
- Software vendors developing PCEHR enabled products

Known issues

None identified.

Support

Support of these documents will be aligned with product changes as they occur. Governance of these changes will be managed through the change control process of NEHTA in conjunction with the PCEHR System Operator.

This release will be supported until April 2015.

For further support or to provide feedback, please email the NEHTA Service Desk at help@nehta.gov.au or phone on 1300 901 001.

Future releases

The next release of the PCEHR Document Exchange Service is likely to be part of the next version of PCEHR and will include any fixes to errors, differences in implementation or cross specification terminology updates.

The following sections are a compilation of previous releases notes for the PCEHR B2B Gateway Services. These were previously published on vendors.nehta.gov.au and https://www.nehta.gov.au/implementation-resources.

Release note v1.5.1

Identifier of original release note: NEHTA-1470:2013, 24 October 2013

Summary

Scope

This release note documents the following changes to the PCEHR B2B Gateway Service:

- Removal of old PCEHR schemas from the PCEHR Core System area
- Reference to the current schemas in the Resources area
- Further clarification on the use of "NCTIS Data Components" coding system in *PCEHR Document Exchange Service TSS v1.4* (note that there are no changes to this specification, merely a clarification).

This release note supersedes release note v1.5 (the content of v1.5 is included at the end of this release note).

Capabilities

Additions

- The current PCEHR Schemas exist on https://vendors.nehta.gov.au under the Resources -> Sample code (Reference Platform):
  - PCEHR WSDLs for Release 3

Clarification

- Previous change to footnote ([1]'NCTIS Data Components' coding system) of *PCEHR Document Exchange Service TSS v1.4* Table 3 - XDSDocumentEntry Document Type and Class Code value set. This was only listed in the scope of release note v1.5 as "NCTIS Data Components coding system class code additions for new documents and views" (not as a specific change).

  The table below makes the coding system explicit for the last four rows of Table 3.

Coding System	TypeCode ClassCode	ClassCodeDisplayName	TypeCodeDisplayName
NCTIS **Data Components**	100.16685	Consumer Entered Health Summary	Consumer Entered Health Summary
NCTIS **Data Components**	100.16696	Advanced Care Directive Custodian Record	Advanced Care Directive Custodian Record
NCTIS **Data Components**	100.16764	PCEHR Prescription Record	PCEHR Prescription Record
NCTIS **Data Components**	100.16765	PCEHR Dispense Record	PCEHR Dispense Record

  The coding system for each clinical document is defined in each individual CDA implementation guide and in the CDA Schema codeSystemName data element.

Removals

- The following old PCEHR Schemas will be removed from https://vendors.nehta.gov.au
  PCEHR Core System -> PCEHR B2B Gateway area:
  - o PCEHR Schemas CRP TSS v1.1
  - o PCEHR Schemas TSS v1.1

Known issues

None identified.

Support

Support of these documents will be aligned with product changes as they occur. Governance of these changes will be managed through the change control process of NEHTA in conjunction with the PCEHR System Operator.

This release will be supported until April 2015.

For further support or to provide feedback, please email the NEHTA Service Desk at help@nehta.gov.au or phone on 1300 901 001.

Future releases

The next release of the PCEHR Document Exchange Service is likely to be part of the next version of PCEHR and will include fixes to errors, differences in implementation or cross specification terminology updates.

Release note v1.5

Identifier of original release note: NEHTA-1268:2013, 12 April 2013

Package inclusions

Name	Version
PCEHR Document Exchange Service TSS v1.4	v1.4

Release rationale

This release of the PCEHR Document Exchange Service using the IHE XDS.b Platform Technical Service Specification (PCEHR Document Exchange Service TSS) covers the new functionality to be available in PCEHR Release 3. Issues found by various vendors over the last few months as part of the implementation process have also been corrected where possible and where there is no impact to vendors (minor clarifications, typographical errors etc.).

Scope

This release note documents the following key changes to the PCEHR Document Exchange Service TSS:

- Alternative replace document operation. This provides the option to avoid a preceding "findDocument" operation by passing the original Document.ID in the targetObject XDS.b field

- Recommendation to use datetime precision down to the precision of seconds and usage of the Coordinated Universal Time (UTC)

- Clarification on:
    - CDA Package representation
    - use of Signed CDA Package Profile
    - CDA Package signature
    - use of Remove document response reasons

- NCTIS Data Components coding system class code additions for new documents and views

- Removal of setDocumentAccessLevel operation, WSDLs and schema

Package inclusions

The package covers the release of PCEHR Document Exchange Service TSS version 1.4.

Release history

These notes cover the additions, changes and removals to the PCEHR Document Exchange Service TSS v1.3 specification, 6 September 2012.

Stakeholders

The following stakeholders have been involved in the development of these documents:

- NEHTA

- National Infrastructure Operator (NIO)

Audience

The intended audience of this document includes:

- Hospital networks, eHealth Implementation sites and jurisdictional health departments in the process of planning and implementing integration with the PCEHR system

- Software vendors developing PCEHR enabled products

Capabilities

Additions

- Section 3.3.4.2 (removeDocument) Interactions. Informative Note (under DEXS-T 32): The response reason of 'ElectToRemove' MAY only be used by those systems acting on behalf of a consumer. The response reason of 'Withdrawn' MAY only be used by those systems acting on behalf of a provider. The response reason of 'IncorrectIdentity' MAY be used by those systems acting on behalf of a consumer or a provider.

- Table 3 - XDSDocumentEntry Document Type and Class Code value set.

NCTIS	100.16764	PCEHR Prescription Record	PCEHR Prescription Record
NCTIS	100.16765	PCEHR Dispense Record	PCEHR Dispense Record

- Section 4.1.1 Document Metadata and XDS.b Document Entry Types

  - Conformance point DEXS-T 117 added: The CDA Package SHALL be created according to the XDM –ZIP representation [CDA_PKG].

  - Conformance point DEXS-T 120 added: The XDSDocument SHALL be provided using the Clinical Package specification [CLN_PKG] and the Signed CDA Package profile [CDA_PKG].

  - Conformance point DEXS-T 121 added: The CDA Package SHALL have exactly one Signature.

  - Conformance point DEXS-T 122 added: The XDSDocumentEntry.creationTime, XDSDocumentEntry.serviceStartTime, XDSDocumentEntry.serviceStopTime dates SHOULD use YYYYMMDDhhmmss precision.

  - Conformance point DEXS-T 123 and related Informative note added: The XDSDocumentEntry.creationTime, XDSDocumentEntry.serviceStartTime, XDSDocumentEntry.serviceStopTime dates SHALL only allow the following precisions: YYYYMMDD, YYYYMMDDhhmm, and YYYYMMDDhhmmss. Informative Note: The IHE XDS Specification requires the usage of the Coordinated Universal Time (UTC) standard for XDS datetimes.

- Section 4.1.3 Document Version Information and XDS.b Association types. Conformance point DEXS-T 118 added: The XDS.b Association targetObject field name SHALL contain either the XDSDocumentEntry.uniqueID set to this value OR the Document ID.

  - If the XDSDocumentEntry.uniqueID is used as the unique targetObject, then the format SHALL be UUID.

  - If the UUID format for the XDSDocumentEntry.uniqueID is used for the sourceObject, the superseding of a document SHALL first use the ITI-18 operation (to retrieve the PCEHR XDS Metadata EntryID) before superseding the original document.

  - If the Document Id is used as the unique targetObject, then the format SHALL be one of the following:

    a) The Document Identifier SHALL be represented as an OID without an extensions attribute; or

    b) The Document Identifier SHALL be represented as an OID and include an extension constructed as [OID]^[extension]; or

    c) The Document Identifier SHALL be represented as an OID representation of this UUID. The OID representation SHALL be constructed as specified in section 7 of [ITU-X.667].

Informative note: When the previous version Document ID OID is used for the targetObject, the ITI-18 Registry Stored Query (find documents) operation is not required. This provides a mechanism for superseding a document in one ITI-41 Provide & Register Document Set-b operation by passing the Document Id in the metadata targetObject field and using the following Association type: 'urn:ihe:iti:2007: AssociationType:RPLC' (for 'Replace').

- Section 4.3.2 Standard SOAP Faults. Table 17 SOAP responses. Additional error codes:

badParam	PCEHR_ERROR_0524 - Attachment exceeds maximum supported size
badParam	PCEHR_ERROR_0525 - Request message must be XOP/MTOM
badParam	PCEHR_ERROR_0526 - Attachment MIME type is not supported

- Appendix C. References
  - [CLN_PKG] Clinical Package Specification V1.0 November 2011
  - [CDA_PKG] CDA Package Specification   V1.0 November 2011

Changes

Bold text indicates changes.

- Section 4.1.1 Document Metadata and XDS.b Document Entry Types.
  - Table 2
    - Document Metadata to XDS.b Document Entry mapping. LSS Field description: A SHA-1 hash representation of the CDA **package**. This field is mandatory for ITI-42 document registrations. XDS.b Field Name: XDSDocumentEntry.hash
    - Document Metadata to XDS.b Document Entry mapping. The size of the CDA **package**. This field is mandatory for ITI-42 document registrations. XDSDocumentEntry.size
  - Table 3 - XDSDocumentEntry Document Type and Class Code value set.

NCTIS	102.**16671**	Australian Organ Donor Register	Australian Organ Donor Register

- Section 4.1.3 Document Version Information and XDS.b Association types.
  - Table 5
    - Document version information to XDS.b association mapping. LSS Field Name: Previous Version Document ID. **targetObject** A reference to the XDSDocumentEntry.**UniqueID** already stored in XDS.b Registry provided by the PCEHR System. The XDS meta data must be a UUID. **If a Document ID is used, it must be an OID representation form.**
    - Document version information to XDS.b association mapping. Document Metadata; A reference to the document entry which will **create a new document or** replace the previous document (this will typically be part of the same submission as the association); **sourceObject** The id of

XDSDocumentEntry provided in the submission which replaces the previously stored document.

- ○ Conformance point DEXS-T 68 amended. The XDS.b Association Type SHALL be set to 'urn:ihe:iti:2007:AssociationType:RPLC' **to supersede a document**.

- A.1.2 PCEHR_CommonTypes.xsd schema update. Version 13 December 2012.

```
<xs:element name="PCEHRMobileHeader">
        <xs:complexType>
                <xs:sequence>
                        <xs:element ref="ns1:ihiNumber" minOccurs="0" maxOccurs="1"/>
                </xs:sequence>
        </xs:complexType>
</xs:element>
```

Removals

- Section 3.3.4 setDocumentAccessLevel (Deprecated)
- Section 4.1.8 setDocumentAccessLevel operation message types
- Appendix A.1.4 PCEHR_SetDocumentAccessLevel-1.0.xsd
- Appendix A.2.1.5 B2B_SetDocumentAccessLevel.wsdl (Deprecated)
- Appendix A.2.1.6 B2B_SetDocumentAccessLevelInterface.wsdl (Deprecated)

Known issues

The Child eHealth Record document types are not included. These will be provided once finalised.

Release note for B2B Gateway v1.4

Identifier of original release note: NEHTA-1269:2013, 5 April 2013

New inclusions

Identifier	Name	Version
NEHTA-1266:2013	PCEHR View Service - Logical Service Specification	v1.3
NEHTA-1265:2013	PCEHR View Service - Technical Service Specification	v1.5

Summary

Background

This release bundle of PCEHR View Service Logical Service Specification (LSS) and PCEHR View Service Technical Service Specification (TSS) includes the following key changes:

- The new getView service and request messages for the different views

- Response error codes for different view requests

- Alignment of View Service LSS with TSS and implemented PCEHR functionality/interfaces/schemas

- Addition of indigenousStatus element for getIndividualDetailsView Individual details

- Clarifications to the specifications, reflection of as-built PCEHR functionality, reference data values updates, typographical fixes, section/document references

- Filtering of the Medicare Overview PBS/MBS records by clinical event date

The getView service:

- has been architected to support future views with the same web service call

- will make the getMedicareInformationView and getConsolidatedView documented in previous versions of the View Service specifications obsolete.

Release rationale

This release bundle covers the new getView web service functionality to be available in PCEHR Release 3.

Scope

Provision of new getView web service, additional parameters for web services, definition of views including two for Child eHealth Record.

The generic getView web service supports retrieval of multiple views. For this release, this includes:

- Prescription and Dispense View

- Medicare Overview

- Health Check Schedule View

- Observation View

Release history

Title	Last published version	Interim version (provided on request)	This version
PCEHR View Service LSS	v1.1	v1.2.11	v1.3
	3 February 2012	30 January 2013	5 April 2013
PCEHR View Service TSS	v1.4	v1.4.13	v1.5
	6 September 2012	1 February 2013	5 April 2013

The PCEHR View Service TSS v1.4 was updated and released as part of the "HPI-O Relaxation LSS and TSS bundle Release Note, 18 October 2012". The PCEHR View Service LSS was not updated at that point and was effectively out of date.

The draft version LSS (v.1.2.11) was provided to organisations on request.

Stakeholders

The following stakeholders have been involved in the development of these documents:

- NEHTA
- National Infrastructure Operator (NIO)

Audience

The intended audience of this document includes:

- Hospital networks, eHealth implementation sites and jurisdictional health departments who are in the process of planning and implementing integration with the PCEHR system.
- Software vendors developing PCEHR enabled products.

Capabilities: PCEHR View Service LSS

Changes between LSS v1.2.11 and v1.3

- Section 3.1.12 getRepresentativeListRequest – Table 38 changed table title and heading from getRepresentativeListView to getRepresentativeList
- Section 3.2.2 User, Table 42 - changed table title from getRepresentativeListView to getRepresentativeList

Changes between LSS v1.1 and v1.2.11

The changes are divided into:

- getView additions, changes and removals
- other additions, changes and removals
- additions, changes and removals to bring the LSS up to date with R2 implementation.

View Service LSS Additions (getView)

- Added Get View to Table 1 – Views in scope for PCEHR.
- Added getView to web services listed in section 2.2 View Service – Service Interface
- Added getView and comments to Table 3 – Service Interface View Retrieval – Operations.

- Added Section 2.2.1 Service Operation – getView.

- Added Section 3.1.1 getViewRequest under the Information Viewpoint section.

- Added Section 3.1.2 getViewResponse under the Information Viewpoint section.

View Service LSS Changes (getView)

- Replaced diagram in Figure 3 – View Service interactions. Replaced getConsolidatedView and getMedicareInformationView interface calls with getView.

- Replaced diagram in Figure 4 – Mapping of interactions to services.

- Replaced Figure 6 – View Retrieval Service Operations with the implemented View Service webservices (getAuditView, getChangeHistoryView, getDocumentList, getView, getIndividualDetailsView, getRepresentativeList).

- Changed conformance point VIEW-L 3. *"The view response SHALL contain data drawn from a consumer's PCEHR atomic data* according to the requestor's access rights.

- Changed conformance point VIEW-L 5 to refer to view instead of consolidated view.

- Changed conformance requirement VIEW-L 56 to relate to getView instead of getConsolidatedView. The IHI Number SHALL be supplied for all *getView* requests.

View Service LSS Removals (getView)

- Removed consolidatedView function from View Service in diagram. Figure 2 – PCEHR Functions addressed in 1.1 Context section.

- Removed Consolidated View from Table 1 – Views in scope for PCEHR.

- Removed Medicare Information from Table 1 – Views in scope for PCEHR.

- Removed getMedicareInformationView to web services listed in section 2.2 View Service – Service Interface (functionality replaced by getView request for Medicare Overview view)

- Removed getConsolidatedView to web services listed in section 2.2 View Service – Service Interface (functionality will be replaced by getView request for Health Overview)

- Removed getConsolidatedView and comments from Table 3 – Service Interface View Retrieval – Operations.

- Removed getMedicareInformationView and comments from Table 3 – Service Interface View Retrieval – Operations.

- Removed section 2.2.1 Service Operation – getConsolidatedView.

- Remove section 3.1.12 getMedicareInformationViewRequest.

View Service LSS Additions (other)

Added field [Indigenous Status] to Table 34 – Individual Details. Columns: [Indigenous Status]; <Indigenous Status Type>; 'Predefined indigenous status codes'; 1..1.

View Service LSS Changes (other)

- Changed all data class diagrams with associations in section 3 Information Viewpoint. Hid all individual field names and attributes to focus on the association relationships rather than repeating the field names and attributes already detailed in the accompanying tables.

- Changed all reference data descriptions to refer to the View Service TSS as source of truth for element reference data. This will reduce TSS to LSS alignment and dependency issues. Examples of current reference data values updated and provided for additional context.

View Service LSS Additions (to bring up to date with R2 implementation)

- Added example to Informative Note following conformance point VIEW-L 52, which now reads: In an exceptional case, the PCEHR system operator may provide an organisation that is not a healthcare provider with an alternative identifier to view information from the PCEHR system. System. For example, organisations that are not classified as providers of healthcare, such as Medicare or a pathology laboratory.

- Added Audit Event ID field to Table 16 – Audit Event.

- Added field FATAL with description FATAL to Table 27 – Message Log Level.

- Added clarification text to section 3.1.9. A generic service fault is returned in the Response Status part of the output message.

- Add field to Table 33 – getIndividualDetailsView. Columns: [Response Status]; <Response Details>; 'Response code, description and details'; 1..1.

- Add field to Table 33 – getIndividualDetailsView. Columns: [Contact Persons]; <Contact Persons Details>; 'The name, type and contact details of contact persons'; 0..*.

- Added fields [IHI Record Status], [IHI Status] and [Date Accuracy Indicator] to Table 35 – Demographics.

- Added field [Type] (name) to Table –37 Contact Persons. Columns: Type; <String>; 'The type of contact person. E.g. "Emergency", "Next of Kin" or "Carer"'; 0..1.

- Added [Response Status] field to Table 39 – getRepresentativeListResponse. Columns: <Response Status>; 'Response status , status description and optional additional details'; 1..1.

- Add field [Alternate Organisation Name] in Table 44 – Organisation. Columns: [Alternate Organisation Name]; <String>; 'An alternative display name for the accessing organisation (PCEHR system participant)'; 0..1.

View Service LSS Changes (to bring up to date with R2 implementation)

- Removed Status column from Table 1 – Views in scope for PCEHR.

- Added acronym for eHealth Interoperability Framework (EIF) in section 1.3

- Typographical and reference corrections throughout document.

- Corrected name of webservice to getRepresentativeList in section 2.2 View Service – Service Interface

- Changed name of webservice to getRepresentativeList in Table 3 - Service Interface View Retrieval - Operations.

- Changed name of section 2.2.6   to Service Operation – getRepresentativeList

- Changed all getRepresentativeListView names to getRepresentativeList in section 2.2.6 Service Operation – getRepresentativeList.

- Changed conformance point VIEW-L 52 from SHALL to SHOULD in section 2.5.1.1.Last sentence of conformance point VIEW-L 52 moved to an *Informative note* paragraph following this conformance point. (see LSS Additions above).

- Changed all data class diagrams with associations in section 3 Information Viewpoint. Hid all individual field names and attributes to focus on the association relationships rather than repeating the field names and attributes already detailed in the accompanying tables.

- Clarification in Table 9 – getChangeHistoryViewRequest. Document Id is: The unique identifier for a document matching the request parameter criteria.

- Clarification in description of Template Identifier in Table 11 – Document Metadata. "The *Object IDentifier* (IOD) of the template this document conforms to."

- Change the cardinality of Date From to 1..1 in Table 12 – getAuditViewRequest.

- Change the cardinality of Date To to 1..1 in Table 12 – getAuditViewRequest.

- Change the data type of Event Trail to event (from trail) in Table 14 – Audit View.

- Change cardinality of Log Event to 0..1 in Table 15 – Event Trail.

- Change cardinality of [Participant Details], [Accessed Entity], [Participant Action] to 0..1 in Table 16 – Audit Event.

- Change data type and description of Participating Organisation in Table 18 – Participant Details. Data type to <String> and Description to 'Participating Organisation Identifier'.

- Change cardinality of [User Id], [User Name] and [Display Role] to 0..1 in Table 18 – Participant Details.

- Change data type and description of [Display Role] in Table 18 – Participant Details to <String> and 'The role of the participant'. Refer to data values in the View Service TSS, getAuditView Service Realisation Section and   Schema in Appendix A.

- Change cardinality of [IHI Number], [Individual Name], [Subject Type] and [Subject] to 0..1 Table 19 – Accessed Entity.

- Change description of Action Type to 'Refer to data values in the View Service TSS, getAuditView Service Realisation Section and schema in Appendix A [VS-TSS]' in Table 20 – Participant Action.

- Change cardinality of [Action Type] and [Operation Performed] to 0..1 in Table 20 – Participant Action.

- Change name of fields to [Self], [General] and [Limited] in Table 24 – Access Level.

- Changed conformance point View-L 63 in Section 3.2.1 to refer to getRepresentativeList instead of getRepresentativeListView.

- Change name of field to [Individual] in Table 33 – getIndividualDetailsViewResponse.

- Change cardinality of field [Individual] to 0..1 in Table 33 – getIndividualDetailsViewResponse.

- Changed name of table to Table 37 – Contact *Persons*.

- Updated [Contact number] field in Table 37 – Contact Persons. Columns: [Contact Details]; <Contact Details Type>; 'See Contact Details table above'; 0..1.

- Update name of table to Table 40 – Representative *List*.

- Provide sample reference data for field [Type] in Table 40 – Representative List.

- Change field [Address] in Table 40 – Representative List. Type: <Address>; Description: 'The address fields of the representative'. Refer to the View Service TSS for details [VS-TSS].

- Change field name from [Id] to [Message Id] in Table 41 – Common Header.

- Update description for field [Accessing Organisation] in Table 41 – Common Header to 'The organisation *(PCEHR system participant)* on behalf of which the request is being made'.

- Update description for field [Organisation ID] in Table 44 – Organisation. Description: 'An identifier for the *accessing* organisation *(PCEHR system participant)*'.

View Service LSS Removals (to bring up to date with R2 implementation)

- Remove fields [Address], [Next of kin], [Carers] and [Emergency] from Table 34 – Individual Details.

- Remove fields [Medicare Card Number], [Medicare Card Number IRN], [Military Health Number] and [DVA Card Number] from Table 35 Demographics.

- Remove field [Email Address] from Table 37 – Contact Persons. (Defined in cross reference to Contact Details Table 36.

- Remove field [Type] from Table 39 – getRepresentativeListResponse.

- Remove field [Response Header] from Table 39 – getRepresentativeListResponse. Header already defined in a previous section.

- Remove fields [Access Level], [Contact Details] and [Authority] from Table 40 – Representative List.

- Remove Table 43 – Authority.

- Remove Table 44 – Contact Details.

- Remove Table 45 – Name.

Capabilities: PCEHR View Service TSS

Changes between TSS v1.4.13 and v1.5

Draft version TSS v1.4.13 was provided to organisations upon request. The following changes have occurred for v1.5.

- Added note in Section 3.2.4, Table 7 – getAuditView Output Message: Note that PACC is now called Record Access Code. PACCX is now called Limited Document Access Code. However the reference data strings representing these remain unchanged.

- Section 4.2.1 Prescription and Dispense View correction. This view data is returned as a CDA package.

- Section 4.2.2 Observation View correction. This view data is returned as a CDA package.

- Removal of section 4.2.3 Achievement Diary View

- Addition of section 4.2.3 Health Check Schedule View

- Informative Note addition in section 4.2.4 Medicare Overview. The information from the Australian Childhood Immunisation Register (ACIR) and Australian Organ Donor Register (AODR) will not have date range filtering applied in the view.

- Section 4.2.4 Medicare Overview correction. This view data is returned as a CDA package.

- Update of schema in Appendix A.1.18 XML Schema - PCEHR_GetIndividualDetailsView.xsd.

- Update of schema in A.1.10 XML Schema - PCEHR_ ObservationView.xsd. Includes new request parameter referenceData of type <String>; with cardinality 1..1; and Remarks: Simple element reference data ('WHO' or 'CDC').Removal of schema in Appendix A.1.11 XML Schema - PCEHR_ AchievementDiaryView.xsd.

- Addition of schema in Appendix XML Schema - PCEHR_HealthCheckScheduleView.xsd.

- Renamed Appendix A.2.2.5 B2B_GetIndividualDetailsViewInterface.wsdl to B2B_GetIndividualDetailsView.wsdl

Changes between TSS 1.4 and 1.4.13

These are divided into:

- getView additions, changes, removals

- other additions, changes, removals.

View Service TSS Additions (getView)

- Added the getView service 3.2.2 to the 3.2 Service Interface Realisation section. The previous getConsolidatedView was used as the starting point.

- Added remark that the <view> returned will be of type {Any} with Base64Binary representation in ZIP format.

- Informative note to highlight that MTOM/XOP is used to optimise transmission as this was not explicitly stated previously.

- Added getView error codes and descriptions to Table 18 – Response Codes under section Error Codes 4.1.2.2.

- Added 4.2 PCEHR Views section.

- Added 4.2.1 Prescription and Dispense View section to outline the request parameters for this view.

- Added 4.2.2 Health Check Schedule View section to outline the request parameters for this view.

- Added 4.2.3 Observation View section to outline the request parameters for this view.

- Added 4.2.4 Medicare Overview section to outline the request parameters for this view.

- Added Appendix A.1.3 XML Schema - PCEHR_GetView.xsd

- Added Appendix A.1.9 for the Prescription and Dispense View XDS schema.

- Added Appendix A.1.10 for the Observation View XDS schema.

- Added Appendix A.1.11 for the Achievement Diary View XDS schema.

- Added Appendix A.1.12 for the Medicare Overview XDS schema

View Service TSS Changes (getView)

- Definition of a view included in Purpose section.

- Improved the conformance requirement VIEW-T 6 to state "The Service Provider SHALL return a response containing the PCEHR assembled view based on the accessLevel of the healthcare provider organisation for the provided IHI."

View Service TSS Removals (getView)

- Removed consolidatedView function from View Service in diagram Figure 2 – PCEHR Functions addressed in 1.1 Context section.

- Removed the getConsolidatedView service 3.2.2 from the 3.2 Service Interface Realisation section

View Service TSS Additions (other)

- Added getIndividualDetailsView to mapping Table 1 of 3.2 Service Realisation Section.

- Add field auditEventID under auditEvent in Table 7 – getAuditView Output Message.

- Add element indigenousStatus under Individual element to Table 11- getIndividualDetailsView Output Message. The details for the element are: String; 1..1; Values ('1','2','3','4','9').

- Add element Action to Table *13* – WS Addressing Header Response under section 4.1.1.2. The details for the element are: anyURI; 1..1; Identifier (full namespace) of the virtual service being invoked.

- Add field [Indigenous Status]; <Indigenous Status Type>; 'Predefined indigenous status codes'; 1..1.

View Service TSS Changes (other)

- Provided external reference to [ATS 5820 – 2010] in addition to the named standard in VIEW-T 3.

- Clarified conformance requirement VIEW-T 6 to state: VIEW-T 6   The Service Provider SHALL return a response *containing the* PCEHR assembled view based on the accessLevel of the healthcare provider organisation *for the provided IHI*.

- Service Fault under each web service now refers to Error codes section 4.1.1.2 (except getChangeHistoryView which refers to PCEHR Document Exchange using the IHE XDS.b Platform Technical Service Specification [PCEHR-DE-TSS] section 4.1.76 for the XDS Service Fault.

- Updated sentence in 3.2.6.1 Actors and roles with "The getAuditView *Service* Invoker *role* represents the party responsible for obtaining views from the PCEHR System." sentence.

- Clarified conformance requirement VIEW-T 32 to say "create signature" instead of "perform signature".

- Clarified conformance requirement VIEW-T 33 to refer to standard with "error as defined in [ATS 5820 – 2010]" (not for Transmission Signature itself)

- Fixed name of web service from getRepresentativeListView to getRepresentativeList in mapping Table 1 of 3.2 Service Realisation Section

- Change spelling of Table 4 to getChangeHistoryView Input Messag**e**

- Update reference to section 1.4.6 of IHE XDS.b Platform Technical Service Specification [PCEHR-DE-TSS] under getChangeHistoryView *Service Fault* heading

- Correct spelling to "organisation" in 3.2.4 getAuditView

- Correct spelling to "identifier" in 3.2.4 getAuditView (second bullet point)

- Rename accessingOrganisation to accessingHPIO under ParticipantDetails in Table 7 – getAuditView Output Message.

- Rename accessingOrganisationName to accessingHPIOName under ParticipantDetails in Table 7 – getAuditView Output Message.

- Rename participatingOrganisation to participatingHPIO under ParticipantDetails in Table 7 – getAuditView Output Message.

- Rename participatingOrganisationName to participatingHPIOName under ParticipantDetails in Table 7 – getAuditView Output Message.

- Update reason reference data values under ParticipantAction in Table 7 – getAuditView Output Message (values are upper camel case).

- Update accessPermission reference data values under AccessConditions in Table 7 – getAuditView Output Message (values are upper camel case).

- Update accessLevel reference data values under AccessConditions in Table 7 – getAuditView Output Message (values are upper camel case).

- Update code reference data values under ErrorDetails in Table 7 – getAuditView Output Message.

- Update remark for description element under ErrorDetails in Table 7 – getAuditView Output Message.

- Rename getRepresentativeListView to getRepresentativeList in section heading 3.2.6.

- Update first sentence under Section 3.6.2.1 Actors and Roles to: The getRepresentativeListView *Service* Invoker *role* represents the party responsible for obtaining views from the PCEHR System.

- Rename getRepresentativeListView to getRepresentativeList in Role2 under section 3.2.6.1 Actors and Roles.

- Rename getRepresentativeListView to getRepresentativeList in Table 8.

- Rename getRepresentativeListView to getRepresentativeList in Table 9.

- Change the cardinality of representative to 1..* in Table 9 – getRepresentativeList Output Message.

- Change capitalisation of suburb under UnstructuredAddressLine element in Table 9 – getRepresentativeList Output Message.

- Change capitalisation of postcode under AustralianPostalAddress element in Table 9 – getRepresentativeList Output Message.

- Updated sentence in 3.2.7.1 Actors and roles with "The getIndividualDetailsView *Service* Invoker *role* represents the party responsible for obtaining views from the PCEHR System." sentence.

- Change the cardinality of responseStatus to 1..1 in Table 11- getIndividualDetailsView Output Message.

- Add element indigenousStatus   under Individual element to Table 11- getIndividualDetailsView Output Message. The details for the element are: String;   1..1;   Values ('1','2','3','4','9'). Refer to METeOR identifier: 291036

- Renumbered Table *10* – WS Addressing Header Request to Table *12* in section 4.1.1.1

- Renumbered Table *11* – WS Addressing Header Request to Table *13* in section 4.1.1.2

- Renumbered Table *12* - Timestamp Header to Table 14 in 4.1.1.3 Transmission Timestamp section.

- Combine the split sentence in conformance requirements VIEW-T 34 and VIEW-T 35 into conformance requirement VIEW-T 34.

- Combine the split sentence in conformance requirements VIEW-T 36 and VIEW-T 37 into conformance requirement VIEW-T 36.

- Renumbered Table *14* - PCEHRHeader to Table 16 in 4.1.1.5 PCEHR Header section.

- Fix spelling of IHINumber element Table 16 - PCEHRHeader in 4.1.1.5 PCEHR Header section.

- Renumbered conformance point VIEW-T 41 to be VIEW-T 47 on p30 as there was duplication with conformance points on p23.

- Renumbered conformance point VIEW-T 42 to be VIEW-T 48 on p30 as there was duplication with conformance points on p23.

- Update remarks of organisationID element under AccessingOrganisation in Table 16 - PCEHRHeader (4.1.1.5 PCEHR Header section). "The 16-digit Healthcare Organisation Identifier (HPI-O) or approved alternative (a unique identifier issued by the PCEHR operatorSystem Operator e.g. a PAI-O)"

- Renumbered Table *15* - ResponseStatus Responses to Table 17 in 4.1.2.1 Common Response Status section.

- Renumbered reference to Table 18 in conformance requirement VIEW-T 30.

- Changed Error Codes to a section numbered 4.1.2.2 instead of a bolded heading.

- Added web service error codes and descriptions to Table 18 – Response Codes under section Error Codes 4.1.2.2.

- Added Web Service column to Table 18 – Response Codes under section Error Codes 4.1.2.2. This indicates which web service calls the error messages are relevant for.

View Service TSS Removals (other)

- Removed 4.1.3 Service Fault Data Types section heading.

Known issues

NEHTA has identified the following open issues in this release:

- Date handling will be described in the Prescription and Dispense Presentation Guide and the PCEHR Implementation Guide.

Support

Support of these documents will be aligned with product changes as they occur. Governance of these changes will be managed through the change control process of NEHTA in conjunction with the PCEHR System Operator.

This release will be supported until April 2015.

For further support or to provide feedback, please email the NEHTA Service Desk at nehtasupport@nehta.gov.au or phone on 1300 901 001..

Future releases

The next release of the View Service is likely to service the Health Overview view. However, the getView web service has been implemented to support this and subsequent views without any major change.

Release note for Assisted Registration

Identifier of original release note: <u>NEHTA-1219:2012</u>, 19 November 2012

New inclusions

Identifier	Name	Version
NEHTA-1038:2012	PCEHR Registration Service - Technical Service Specification	v1.1
NEHTA-1220:2012	PCEHR Registration Service - Logical Service Specification	v1.1

Summary

This release updates specifications associated with the National PCEHR System's B2B Gateway interface associated with registration for consumers by healthcare providers.

Release rationale

The Registration LSS and TSS have been updated to reflect policy changes enabling healthcare organisations to register consumers for a PCEHR via their clinical information system. Contracted service providers are also enabled to perform this function on behalf of the healthcare organisation.

Scope

The release modifies the LSS and TSS specification to align to policy requirements enabling healthcare providers to register consumers via their CIS.

Package inclusions

This release consists of the artefacts listed below:

- Registration Service Logical Service Specification v1.1
- Registration Service Technical Service Specification v1.1

Package exclusions

This release does not contain the following artefacts which will be released at a future date:

- Updates to the PCEHR Implementation Guide.
- Registration CCA Conformance Requirements.
- Assisted Registration Process Guide.

Release history

The specifications contained in this release have already been published; this release is to address key policy changes that enable consumer registration within a healthcare provider setting. Changes have been minimised where possible.

Stakeholders

The following stakeholders have been involved in the development of this release:

a. PCEHR System Operator

b. National Infrastructure Operator (NIO)

c. NEHTA

Audience

This document is intended for:

- Developers and implementers of the National PCEHR System and Clinical Information Systems seeking to interact with the PCEHR System (normative).

- Organisations that produce software products which seek to interact with the PCEHR System (normative).

- Jurisdictional eHealth programs (informative).

Capabilities

Additions

This release relates to the interface specification for the PCEHR system:

- Update LSS to reflect policy requirements.
- Update TSS to reflect policy requirements.

Changes

- A detailed change log can be found at the end of this release note.

Removals

- Removal of logical services in the LSS relating to:
  - Get Terms and Conditions
  - Accept Terms and Conditions

Known issues

NEHTA has identified the following open issues in this release:

1. The documents released are technical in nature. Assisted Registration Process Guide will provide additional context for the realisation of these specifications.

2. Conformance requirements are yet to be finalised and released for these specifications.

Support

This release will be supported until November 2014.

For further support or to provide feedback, please email nehtasupport@nehta.gov.au

Future releases

None planned

1   Detailed Change Log

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
	Registration LSS	Figure 1	N/A	Minor Update	Spelling mistakes and clarifications.	Typo/Clarification
	Registration LSS	Figure 2	N/A	Minor Update	Spelling mistakes and clarifications.	Typo/Clarification
	Registration LSS	1.1	Included references to get terms and conditions and accepting terms and conditions.	Removed references to get terms and conditions and accepting terms and conditions.	There is no longer a requirement to assert the version number of the terms and conditions. The Registration service will require an assertion that this has been done.	Removal of services.
	Registration LSS	1.2.1				
	Registration LSS	Figure 3				
	Registration LSS	Figure 4				
	Registration LSS	2.3				
	Registration LSS	Table 2				
	Registration LSS	REG-L 6 REG-L 22 REG-L 23 REG-L 24 REG-L 25 REG-L 26	N/A	Removed Conformance Points	Not required for software conformance any longer, as policy requirements will require an assertion to this effect instead.	Removed Conformance Requirements

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
		REG-L 27 REG-L 47 REG-L 48 REG-L 54 REG-L 55 REG-L 64 REG-L 65 REG-L 72 REG-L 73				
	Registration LSS	Sections 2.3.4 2.3.5 3.1.7 3.1.8 3.1.9 3.1.10	Included description of logical services to get terms and conditions and accepting terms and conditions.	Sections removed.	There is no longer a requirement to assert the version number of the terms and conditions. The Registration service will require an assertion that this has been done.	Removal of services.
	Registration LSS	REG-L 7	N/A	Removed Conformance Point	Requirements and information model has now changed. This conformance point is covered in the TSS.	Removed Conformance Requirement.
	Registration LSS	Figure 12	Old RegisterRequest model	Updated to new model	Model change based on policy.	Modification
	Registration LSS	Table 7 Table 8 Table 9	Old RegisterRequest model	Updated to new model	Model change based on policy.	Modification
	Registration	Figure 13	Old RegisterResponse	Updated to new model	Model change based on policy.	Modification

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
	LSS		model			
	Registration LSS	Table 10	Old RegisterResponse model	Updated to new model	Model change based on policy.	Modification
	Registration LSS	Table 28	N/A	Added Indiegnous Indicator	Model change based on policy.	Modification
	Registration TSS	1.3	Service User	Service Invoker	Consistency with other B2B specs	Formatting/Typo
	Registration TSS	Table 1	getTermsAndConditions	None	Removal of service based on LSS and Policy changes	Alignment with LSS
	Registration TSS	Table 1	acceptTermsAndConditions	None	Removal of service based on LSS and Policy changes	Alignment with LSS
	Registration TSS	3.1.2	"child"	"person"	Clarification from Policy team	Clarification
	Registration TSS	Figure 5	Old Diagram	New Diagram	Model change based on policy.	Change to Model
	Registration TSS	Table 3	Old Table	Table substantially modified to include concepts such as representative, assertions, and evidence of identity.	Alignment with policy requirements	Change to Model.
	Registration TSS	All Conformance Points	Service Provider	Service Invoker	Consistency with other B2B specs	Formatting/Typo
	Registration	REGS-T 14	Child	Representative	Correction based on new information	Correction

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
	TSS				model.	
	Registration TSS	REGS-T 15	Child	Representative	Correction based on new information model.	Correction
	Registration TSS	REGS-T 16	parentDeclaration	Representative	Correction based on new information model.	Correction
	Registration TSS	REGS-T 16	…"for a child."	"…for a child or dependant."	Clarification for policy purposes.	Clarification.
	Registration TSS	REGS-T 36	None	New Conformance Requirement	Additional conformance point required for indication of Indigenous Indicator	New Conformance Requirement
	Registration TSS	REGS-T 37	None	New Conformance Requirement	Additional conformance point required to ensure a relationship between the Representative and Individual can be established.	New Conformance Requirement
	Registration TSS	3.1.2.6	Old Table	Table substantially modified to include responses indicating status, Individual details if successful and IVC if requested..	Alignment with policy requirements	Change to Model.
	Registration TSS	REGS-T 23	The ds:SignedInfo element type SHALL be realised in conformance with "Section 4. XML Signature Profile" as specified in [ATS 5820-2010].	The Service Invoker and Service Provider SHALL calculate the ds:DigestValue as specified in "Section 4. XML Signature Profile" of [ATS 5821—2010] prior to the application of MTOM/XOP. The ds:SignedInfo element type SHALL be realised in conformance with "Section 4. XML Signature	Additional information added to conformance point to clarify behaviour expected when using MTOM.	Clarification

Approved for external use

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
				Profile" as specified in [ATS 5820-2010].		
	Registration TSS	Table 10 Response Codes	N/A	Additional codes added: PCEHR_ERROR_0524 PCEHR_ERROR_0525 PCEHR_ERROR_0526 PCEHR_ERROR_9016 PCEHR_ERROR_9017 PCEHR_ERROR_9018 PCEHR_ERROR_9019 PCEHR_ERROR_9020 PCEHR_ERROR_9021	New codes have been added to align with policy and service development.	New
	Registration TSS	Table 10 Response Codes	N/A	Old codes Removed: PCEHR_ERROR_9002 PCEHR_ERROR_9006 PCEHR_ERROR_9014 PCEHR_ERROR_0110 PCEHR_ERROR_0111 PCEHR_ERROR_0112 PCEHR_ERROR_0113 PCEHR_ERROR_0114 PCEHR_ERROR_0115 PCEHR_ERROR_0116 PCEHR_ERROR_0117 PCEHR_ERROR_0118 PCEHR_ERROR_0119 PCEHR_ERROR_0120	Some codes have been removed to align with policy and service development.	Removed

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
				PCEHR_ERROR_0121 PCEHR_ERROR_0122 PCEHR_ERROR_0123 PCEHR_ERROR_0124 PCEHR_ERROR_0125 PCEHR_ERROR_0126 PCEHR_ERROR_0127 PCEHR_ERROR_0128 PCEHR_ERROR_0129 PCEHR_ERROR_0130 PCEHR_ERROR_0131 PCEHR_ERROR_0132 PCEHR_ERROR_0133		
	Registration TSS	Table 10 Response Codes	PCEHR_ERROR_9001 Identity has not been verified by provider	PCEHR_ERROR_9001 Evidence of identity has not been verified by provider	Description modified to align with policy requirements	Modification
	Registration TSS	Table 10 Response Codes	PCEHR_ERROR_9004 IVC communication method has not been specified	PCEHR_ERROR_9004 IVC Correspondence Channel has not been specified	Description modified to align with policy requirements	Modification
	Registration TSS	Table 10 Response Codes	PCEHR_ERROR_9005 Invalid IVC Correspondence Channel	PCEHR_ERROR_9005 Invalid IVC communication channel	Description modified to align with policy requirements	Modification
	Registration TSS	Table 10 Response	PCEHR_ERROR_9007 Parent declaration is	PCEHR_ERROR_9007 Representative Declaration is	Description modified to align with policy requirements	Modification

1. Number	2. Document	3. Reference	4. Previous Value	5. New Value	6. Reason for change	7. Type of Change
		Codes	required for parent-child registration	required for assisted registration		
	Registration TSS	Appendix A.1.1	Old Schema	Section replaced with updated schema. Substantial changes.	Changes to align with policy requirements.	Schema Change
	Registration TSS	Appendix A.2.1	Old WSDL	Section replaced with updated WSDL. Key changes related to version changes of referenced schemas.	Changes to align with policy requirements.	WSDL Change
	Registration TSS	Appendix A.2.2	Old TLS Binding	Section replaced with updated TLS binding. Key changes related to version changes of referenced WSDLs.	Changes to align with policy requirements.	TLS Binding Change
	Registration TSS	Appendix C	N/A	Additional reference to RFC2822 added.	RFC used as basis of email validation.	Addition

Release note for HPI-O Relaxation

Identifier of original release note: NEHTA-1203:2012, 18 October 2012

New inclusions

Identifier	Name	Version
NEHTA-1117:2012	PCEHR Document Exchange Service - Logical Service Specification	v1.2
NEHTA-1116:2012	PCEHR Document Exchange Service - Technical Service Specification	v1.3
NEHTA-1119:2012	Template Service Interface - Logical Service Specification	v1.1
NEHTA-1118:2012	Template Service Interface - Technical Service Specification	v1.3
NEHTA-1120:2012	PCEHR Record Access Service - Technical Service Specification	v1.4
NEHTA-1121:2012	PCEHR View Service - Technical Service Specification	v1.4

Summary

In this release bundle of LSS and TSS documents, there are three changes as follows:

- Support for organisations that do not hold an HPI-O to connect as a registered repository– This opens up the PCEHR to a range of organisations to connect as a registered repository.
- New view service - A new view operation getIndividualDetailsView has been added to the View Service.
- Diagram change – An image needed to be replaced in Record Access Service TSS.

Background

To support Registered Repositories that do not hold an HPI-O in connecting to PCEHR, the B2B interface has been extended. This will enable e.g. Department of Human Services (DHS), which is not a healthcare organisation, to connect and make a range of Medicare document types, MBS, PBS, ACIR and AODR available in the PCEHR system. Consequently, the requirement for a participant to have an HPI-O identifier has been modified to support conformant repositories that do not have an HPI-O to connect to the PCEHR B2B gateway using a *PCEHR Assigned Identity – Organisation* (PAI-O) identifier.

A new view that presents data around an individual holding a PCEHR is introduced. The getIndividualDetailsView is introduced in the view service TSS.

Release rationale

- To support conformant repositories that do not have an HPI-O, DHS in particular.

- To publish the getIndividualDetailsView

- To rectify an anomaly, in an image located in the Record Access Service document.

Scope

Document Exchange and Template Service LSS, TSS are updated to support Registered Repositories to connect without an HPI-O. These updates allow registered repositories to:

- Add document to PCEHR Index   : Provide & Register Document Set - b

- Update document from PCEHR Index   : Provide & Register Document Set - b

- Provide document to PCEHR when
  called from PCEHR system : Retrieve Document Set – b

- Search for a template : searchTemplateRequest
- Retrieve template : retrieveTemplate

The new view is specified in the View Service TSS. Record Access Service TSS Figure 5 Operations Data View has been updated to correct an error.

The detailed list of changes to the LSS and TSS documents covered by this Release Note are listed in Appendix 1 in this document.

Package inclusions

The package contains the six documents listed below.

- Document Exchange LSS version 1.2
- Document Exchange TSS version 1.3
- Template Services LSS version 1.1
- Template Services TSS version 1.3
- Records Access Services TSS version 1.4
- View Service TSS version 1.4

Stakeholders

The following stakeholders have been involved in the development of these documents;

- NEHTA
- National Infrastructure Operator (NIO)
- Department of Human Services, Medicare
- Department of Health and Ageing

Audience

The intended audience of this document includes:

- Hospital networks, eHealth Implementation sites and jurisdictional health departments in the process of planning and implementing PCEHR.
- Software vendors developing PCEHR enabled products.
- Senior managers and policy makers, clinical experts, Health Information Managers, IT operations and support teams, and system integrators.
- Technical and non-technical readers.

For further details on access to this release please send an email to nehtasupport@nehta.gov.au.

Support

Support of these documents will be aligned with product changes as they occur. Governance of these changes will be managed through the change control process of NEHTA in conjunction with the PCEHR System Operator.

For further support or to provide feedback, please email the NEHTA Service Desk at
nehtasupport@nehta.gov.au or phone on 1300 901 001.

Future releases

Future releases for this bundle in the next two years may introduce more capabilities but not change existing.

Should issues be identified in the build and implementation of these specifications by Department of Human Services or the National Infrastructure Operator, a need may arise to release an incremental update of this bundle. Any change will be managed through the support process as referenced in the previous (Support) section.

Appendix 1 – Log of Changes to PCEHR LSS and TSS Documents

The table below lists all changes, additions and deletions done.

Template service LSS changes August 2012	
	After changes (version 1.1)
Addition	Page 3 Version History updated to the following:
	Updates for changes to HPI-O relaxation. Conformant repositories that are not directly used by healthcare providers are not able to have an HPI-O. For example DHS (Medicare) is issued with an alternative identification by the PCEHR System Operator to interact with the PCEHR system.
Change	Page 37 changes are as follows:
	Updated organisation table in section 4.2.4. Changed words "Healthcare organisation" to accessing organisation.
Addition	Page 37 updated conformance points TPLT- L 37 to include the option that an alternative identifier issued by the PCEHR System Operator may be used.
Template service TSS changes August 2012	
Addition	Page 3 the history table was updated to include the following:
	Changes for Common Header updates due to HPI-O relaxation. Conformant repositories that do not have an HPI-O may use a unique identifier that is provided by the PCEHR System Operator.
Change	Page 14, Table 3 – PCEHRHeader was updated, words "16 digit Healthcare Organisation" and HPI-O were replaced with Organisation Identifier. Words "Healthcare" was removed.
PCEHR Document Exchange Service LSS v 1.2	
Addition	The history table on page 3 was updated with the following:
	Updates for change to Accessing Organisation (PCEHR system participant) in common header.
	HPI-O relaxation. This update applies only to conformant repositories, for example DHS (Medicare), where a unique identifier is issued by the PCEHR System Operator.
Addition	Page 13, table 1 was updated, Words "PCEHR system participant" to clarify the status of Healthcare Organisations. Also to clarify that conformant repositories may be identified with a unique identifier issued by the PCEHR System Operator.
Addition	Conformance point DEXS-L 91 updated to add the words "issued by the PCEHR System Operator" for a PCEHR Conformant Repository that may use an alternative identifier from the HPI-O.
Change	Figure 18 was updated to change the reference from a Healthcare Organisation to an accessing organisation.
Change	Page 37, Table 8 was updated to remove the word Healthcare and to clarify that an organisation means legally a PCEHR system participant.
Change	Page 38 , table 9 was updated. Authoring Organisation data type was changed from HPI-O to String. Authoring Individual data type was changed from HPI-I to String.
Change	Page 42, table 13 was updated. Words "Provider Organisation" were changed to Organisation and words "System Participant Identifier" or "System Participants" were added.
Change	Page 43 was updated, words "System Participant" were added for legal

	reason to clarify the status of Provider Organisations.
Change	Page 50, table 23 was updated to remove the word Healthcare and to add the words "PCEHR System Participant".
Change	Table 26 was updated to remove "HPI-O" and the word Healthcare was removed and replaced with "accessing organisation". The words "PCEHR system participant" were added.
Addition	Conformance points DEXS-L 149 was updated to allow for the use of an alternative identifier issued by the PCEHR System Operator.
Addition	Conformance point DEXS-L 151 was updated to allow for the use of an alternative identifier issued by the PCEHR System Operator.
PCEHR Document Exchange TSS v 1.3	
Addition	Page 3, document history table was updated to reflect changes made for HPI-O relaxation.
Addition	Page 29, conformance points DEXS-T 100 was updated to allow for the use of an alternative identifier PAI-O that is issued by the PCEHR System Operator.
Addition	Page 29, conformance point DEXS-T 101 was updated to allow for the use of an alternative identifier PAI-D which is issued by the PCEHR System Operator.
Addition	Page 36, Table 13 was updated to allow for an alternative identifier PAI-O issued by the PCEHR System Operator to be used. The words Healthcare was removed for the organisation name and alternate organisation name.
Addition	Page 61, acronyms were updated to add the new identifiers PAI-D and PAI-O and the definition of a CRP.
PCEHR Record Access Service Technical Service Specification v1.4	
Removal	On page 15 removed old Figure 5 and replaced with a new approved Figure 5 that contains doesPCEHRExist labels
PCEHR View Service Technical Service Specification v1.4	
Addition	Page 27 – 29, added getIndividualDetailsView operation.
Addition	In Appendix A XSD and WSDL section, added schemas and wsdls for the operation.

Release note for B2B Gateway Service

Identifier of original release note: NEHTA-1032:2012, 30 May 2012

New inclusions

Identifier	Name	Version
NEHTA-1039:2012	View Service Technical Service Specification	v1.3
NEHTA-1499:2012	Registration Service Technical Service Specification	v1.0

For further details, refer to the original file:

http://www.nehta.gov.au/implementation-resources/national-infrastructure/EP-1500-2012/NEHTA-1032-2012