

## Provincial Client Registry Standard – Notes Release 1.0 (First Release) – May 17, 2013

### Release Information

This release is known as **Provincial Client Registry Standard, Release 1.0 (First Release), dated May 17, 2013.**

Please note that the Terminology (Vocabulary) Worksheet was revised on October 27, 2016 to include an additional value for the “administrative gender” domain. This is to ensure that the vocabulary correctly reflects all the values in accordance with the HL7 V3 standard.

### Organization of the Specification

**Note to Windows Users:** Some file names in the ZIP file are long and therefore the ZIP file should be extracted to c:\ (or similar). The extraction process will create a folder called ‘PCR’ in which the specification artifacts will be located.

The draft Provincial Client Registry Standard is organized into a hierarchy under one directory:

- **PCR Standard Artifacts**

This component includes an Implementation Guide and Technical Artifacts that are specific to the Ontario Provincial Client Registry specification (that are not shared or common across all specifications).

The folder structure that is created by extracting the downloaded, zipped file is as follows:

- Root Directory (e.g. c:\PCR)
  - Provincial Client Registry Standard - Release Notes v102 (this PDF document)
- PCR Standard Artifacts (e.g. c:\PCR\PCR Standard Artifacts)
  - Implementation Guide (PDF document)
  - Interactions (Excel document)
  - Message Models
    - Excel View (MS Excel documents)
    - Table View (HTML documents)
    - Visio View (VSD and XML documents)
    - MIFv1/MIFv2 (Message Interchange Format)
    - Word View (MS Word documents)
- Common Standard Artifacts (e.g. c:\PCR\Common Standard Artifacts)
  - Infrastructure models
    - Excel View (MS Excel documents)
    - Table View (HTML documents)
    - Visio View (VSD and XML documents)
    - MIFv1/MIFv2 (Message Interchange Format)
    - Word View (MS Word documents)
  - Pan-Canadian Data Type Specification (PDF document)
  - Vocabulary (Excel document)
- Schemas and Message Samples (e.g. c:\PCR\Schemas and Message Samples)
  - coreschemas (folder)
    - Supporting XML Schemas (XSD documents)

- schemas (folder)
  - XML Schemas (XSD documents)
- samples (folder)
  - Messages (XML documents)

The **PCR Standard Artifacts and Common Standard Artifacts folders** are further described in the table below:

| Artifact                                        | Filename(s)                                                                                                                                                                                                                                                                                                                 | Description and Changes from Previous Release                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PCR\PCR Standard Artifacts (FOLDER)</b>      |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Implementation Guide                            | 20130417 eHealth PCR Implementation Guide v0102.pdf                                                                                                                                                                                                                                                                         | The Implementation Guide provides the overview, context and scope of the Specification. The Implementation Guide also documents key design considerations that have been used to guide the form and structure of the Provincial Client Registry Standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Interoperability Interactions Worksheet         | 20130205 eHealth PCR Interoperability Interactions v0101.xlsx                                                                                                                                                                                                                                                               | The Interoperability Interactions Worksheet documents the connection between use cases, business scenarios, models and schemas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Message Models                                  | Folder within the PCR Standards Artifacts folder that includes: <ul style="list-style-type: none"> <li>Message Models - Visio View</li> <li>Message Models - Table View</li> <li>Message Models - Excel View</li> <li>Message Models - MIFv1</li> <li>Message Models - MIFv2</li> <li>Message Models – Word View</li> </ul> | Each payload message is described as follows: <ul style="list-style-type: none"> <li>Visio View: Provides a graphical representation of the model as per HL7 v3 encoding rules, with rich annotations</li> <li>Table View: Provides Hierarchical Message Description (HMD) in the HTML table format, reflecting the graphical representation of the model as per HL7 v3 encoding rules, with rich annotations</li> <li>Excel View: Provides Hierarchical Message Description (HMD) in the MS Excel document, reflecting the graphical representation of the model as per HL7 v3 encoding rules, with rich annotations</li> <li>MIFv1/MIFv2: Provides the Model Interchange Format versions of the models as per HL7 MIF Specification</li> <li>Word View: Exposes the model with business names, definitions, terminology references for each element (field) in the model.</li> </ul> |
| <b>PCR\Schemas and Message Samples (FOLDER)</b> |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Schemas                                         | Subfolders <ul style="list-style-type: none"> <li>coreschemas</li> <li>schemas</li> </ul>                                                                                                                                                                                                                                   | Two sub-folders, <i>coreschemas</i> and <i>schemas</i> , provide XML Schemas for all the messages modeled in the Provincial Client Registry Standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sample Messages                                 | Subfolder <ul style="list-style-type: none"> <li>samples</li> </ul>                                                                                                                                                                                                                                                         | A message instance for every interaction, described in the Provincial Client Registry Standard Implementation Guide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>PCR\Common Standard Artifacts (FOLDER)</b>   |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Data Type Specification                         | SC-3002-EN - Data Type Specification - R02.04.03 – 20100831.pdf                                                                                                                                                                                                                                                             | Provincial Client Registry Standard message elements are compliant with the pan-Canadian Data Type specification. This specification describes data types on an abstract level, independent of any particular implementation technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Infrastructure Models                           | Folder within the Common Standards Artifacts folder that includes: <ul style="list-style-type: none"> <li>Message Models - Visio View</li> <li>Message Models - Table View</li> <li>Message Models - Excel View</li> <li>Message Models - MIFv1</li> </ul>                                                                  | Each payload message is described as follows: <ul style="list-style-type: none"> <li>Visio View: Provides a graphical representation of the model as per HL7 v3 encoding rules, with rich annotations</li> <li>Table View: Provides Hierarchical Message Description (HMD) in the HTML table format, reflecting the graphical representation of the model as per HL7 v3</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Artifact                           | Filename(s)                                                                                               | Description and Changes from Previous Release                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | <ul style="list-style-type: none"><li>Message Models - MIFv2</li><li>Message Models – Word View</li></ul> | <p>encoding rules, with rich annotations</p> <ul style="list-style-type: none"><li>Excel View: Provides Hierarchical Message Description (HMD) in the MS Excel document, reflecting the graphical representation of the model as per HL7 v3 encoding rules, with rich annotations</li><li>MIFv1/MIFv2: Provides the Model Interchange Format versions of the models as per HL7 MIF Specification</li><li>Word View: Exposes the model with business names, definitions, terminology references for each element (field) in the model.</li></ul> |
| Terminology (Vocabulary) Worksheet | 20161024 eHealth PCR Interoperability Vocabulary v0103.xlsx                                               | The terminology document describes all the supporting terminology for the majority of coded data elements in the Specification, including message wrappers, CMETs, data types and the payload messages.                                                                                                                                                                                                                                                                                                                                         |