

## Provincial Provider Registry Standard – Release Notes

### Introduction

The intended audience for this document includes eHealth Ontario programs and any organizations implementing the provincial provider registry. This audience includes technical and business audiences who will use the guide to develop implementations and validate that these implementations conform to the specifications and to the requirements of stakeholder organizations. Readers are expected to have some basic understanding of HL7 V3 methodology and implementations.

### Background

The Provincial Provider Registry (PPR) is the authoritative source of information for health profession data and health care service delivery locations for use by all Electronic Health Record (EHR) solutions. It facilitates the unique and accurate identification of regulated provider persons and organizations that provide health services in Ontario, or who participate in the collection, use, or disclosure of Personal Health Information (PHI) across the continuum of care. The PPR contains authoritative information about regulated health professionals and organizations in Ontario that fall within the definition of Health Information Custodian (HIC) or operator of a HIC pursuant to the Personal Health Information Protection Act (PHIPA). The PPR is fed by regulatory colleges, the Ministry of Health and Long-Term Care (MOHLTC) Corporate Providers Database (CPDB), and other organizations, and is managed by eHealth Ontario.

### Clinical Value

PPR will enhance the delivery of patient care in Ontario by facilitating provider identification and resolution. Some of the benefits include:

- Improved accuracy of provider person information including location, contact information, affiliations, and licensing status
- Reduce manual efforts related to maintaining provider information within local healthcare solutions

### Stakeholder Engagement & Implementation

All concepts found in this standard have been reviewed by the Ontario EHR Architecture & Standards Governance Committees, other provincial stakeholders, as well as sub-working group made up of resources represented by eHealth Ontario Product Management Team, eHealth Architecture and Standards Team, and eHealth Ontario.

The standard have been provided on an as-needed basis via email or by print to the clients who are making decisions to integrate with the Provincial Provider Registry.

### Organization of the files

The Provincial Provider Registry Standard review artifacts

- Provincial Provider Registry Implementation Guide (PDF document)
- Terminology Worksheet
- Message Models
- Schemas
- Sample Messages
- Data Type Specification
- Infrastructure Models

The folder structure that is created by unzipping the downloaded files as follows:

- Root Directory (e.g. c:\ Provincial Provider Registry Standard)
  - Provincial Provider Registry Standard (folder)
    - Provincial Provider Registry Standard – Release Notes
    - Provincial Provider Registry Implementation Guide v0.8
    - Common Shared Artifacts
      - PPR Terminology Worksheet v0.2
      - SC-3002-EN-Data Type Specification – MR02.05
      - Infrastructure Models
    - Schemas and Message Models
      - Coreschemas
      - Eho-xsd
      - Message Models – Visio View
      - Message Models – Table View
      - Message Models – Excel View
      - Message Models – MIFv1
      - Message Models – MIFv2
      - Samples

The Provincial Provider Registry Standard Artifacts Folder is further described in the table below:

| Artifact                                       | Filename(s) | Description |
|------------------------------------------------|-------------|-------------|
| Provincial Provider Registry Standard (FOLDER) |             |             |

| Artifact                 | Filename(s)                                                                                                                                                                                                                                                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PPR Implementation Guide | Provincial Provider Registry Implementation Guide v1.0–2016-10-19                                                                                                                                                                                                                                 | The Implementation Guide provides the overview, context and scope of the Standard. The Implementation Guide also documents key design considerations that have been used to guide the form and structure of the Provincial Provider Registry Standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Terminology Worksheet    | PPR Terminology Worksheet v0.2 – 2016-10-19                                                                                                                                                                                                                                                       | This terminology document outlines and describes all the supporting terminology/vocabulary for the coded data elements in the Standard, including message wrappers, CMETs, data types and the payload messages. It is a dynamic document that will require periodic updates to remain current and accurate.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Message Models           | Folder within the PPR 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> </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> </ul> |
| Schemas                  | <ul style="list-style-type: none"> <li>▪ Schemas</li> <li>▪ coreSchemas</li> </ul>                                                                                                                                                                                                                | Two sub-folders, <i>coreschemas</i> and <i>schemas</i> , provide XML Schemas for all the messages modeled in the Provincial Provider Registry Standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Artifact                | Filename(s)                                                                                                                                                                                                                                                                                                                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample Messages         | Subfolder <ul style="list-style-type: none"> <li>Samples</li> </ul>                                                                                                                                                                                                                                                            | A message instance for every interaction, described in the Provincial Provider Registry Standard Implementation Guide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Data Type Specification | SC-3002-EN - Data Type Specification - MR02.05 – 2016-10-19                                                                                                                                                                                                                                                                    | Provincial Provider 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> <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> |