

Diagnostic Imaging Common Services (DI/CS) Standard – Release Notes

Background

Diagnostic Imaging Common Services (DI CS) is an initiative that enables and supports the sharing and viewing of DI results across Ontario to all hospitals and community based health care providers anytime, anywhere, using the tools best suited to their work practice.

DI CS Release 1 went live in spring 2014 and is currently receiving reports from 95% of the hospitals in Ontario. The Release 1 Implementation Guides are currently in use. The scope of DI CS Release 1 is diagnostic imaging reports.

DI CS Release 2 is targeted for go-live in Spring/Summer 2015. The scope of DI CS Release 2 is diagnostic images.

Clinical Value

DI CS will enhance the delivery of patient care in Ontario by building on success of regional DI initiatives. It will provide comprehensive secure access to a patient's provincial longitudinal DI record from anywhere and at any time, within the context of a provincial electronic health record – consistent displays of information to clinicians at point of service. Some of the benefits include: improved patient record accuracy, improved access to patient images and reports, and improved data quality.

Stakeholder Engagement

Draft versions of the Implementation Guide, Editorial Guide and Terminology Set have been shared with external stakeholders at Canada Health Infoway SCWG 10 meetings over the course of the DI CS project. The DI CS Standard has been reviewed by the Ontario EHR Architecture & Standards Governance Committees and other external stakeholders during the open review (January - June 2015). The standard was approved on July 16, 2015 by the Ontario EHR Architecture & Standards Strategic Committee.

Organization of files

Note to Reader: 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 'Diagnostic Imaging Common Service Standard' in which the standard artifacts will be located.

The Diagnostic Imaging Common Services Standard artifacts:

- Implementation Guide
- Terminology Worksheet
- Terminology Set
- Editorial Guide
- Sample DI Map
- DI Consumer Quick Start Guide

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

- Root Directory (e.g. c:\ Diagnostic Imaging Common Services Standard)
 - Diagnostic Imaging Common Services Standard (folder)

- Implementation Guide (PDF document)
- Terminology Worksheet (Excel document)
- Terminology Set (PDF document)
- Editorial Guide (PDF document)
- Sample DI Map (PDF document)
- DI Consumer Quick Start Guide (PDF document)

The Diagnostic Imaging Common Services Standard Artifacts Folder is further described in the table below:

Artifact	Filename(s)	Description
Diagnostic Imaging Common Services Standard Artifacts (FOLDER)		
Implementation Guide	▪ ON-0006-EN - Diagnostic Imaging Common Services Standard - Implementation Guide – v2.0- 2015-07-16	The Implementation Guide provides an overview, context and scope of Diagnostic Imaging Common Services Standard. The Implementation Guide also documents key design considerations that have been used to guide the form and structure of Diagnostic Imaging Common Services Standard.
Terminology Worksheet	▪ ON-3004-EN - Diagnostic Imaging Common Services Standard - Terminology Worksheet - v1.0- 2015-07-16	The vocabulary worksheet includes the vocabulary code systems and OIDS used for Diagnostic Imaging Common Services Standard as well as an explanation of how to read the document, key terms and definitions, and administrative information.
Terminology Set	▪ Ontario DI Terminology set v3.1 – 2015-07-16	The list of Diagnostic Imaging terms and corresponding SNOMED CT codes that will be used for Diagnostic Imaging Common Services Standard.
Editorial Guide	▪ Diagnostic Imaging Common Services Standard - Editorial Guide – v1.0 - 2015-07-16	This document provides a high level view of the guidelines to be used to support mapping of local terms to the Ontario DI Terminology Set. In addition, the document covers the Guiding Principles and Editorial Guidelines for the creation of the ON DI Terms.
Sample DI Map	▪ Diagnostic Imaging Common Services Standard - DI Map Sample – v1.3 – 2015-07-16	This sample terminology map lays out the one to one map of the term codes from a local to provincial level, while including important information such as local site, notes and status of the mapping, and all information related to the local and provincial codes
eHealth Ontario - DI Consumer Quick Start Guide	▪ DI Consumer Quick Start Guide – v1.2 - 2015-07-16	This document brings together all the technical requirements and specifications for client software to integrate with eHealth Ontario HIAL services for the purpose of discovering and retrieving diagnostic imaging health records from Ontario's Electronic Health Records (EHR). It describes the pre-requisites and responsibilities of client systems and organizations for successful integration and describes the system to system messages that must be implemented to exchange diagnostic imaging data between the HIAL and client systems.

