

eHealth Integration Sample Code v2.0.3

Product Data Sheet

2 February 2016

Approved for external information

Key features

- Sample code and technical documentation that supports large healthcare organisations to integrate their systems with national eHealth infrastructure

Usage (internal, external)

- Healthcare implementations
- Software vendor products

Format

- ZIP file

Introduction

The eHealth Integration Sample Code (eHISC) end product provides implementers and software vendors with a sample implementation of a communications solution that enables patient administration systems and clinical information systems to interact with the Healthcare Identifiers Service and the My Health Record system.

It is a standalone middleware solution offering the following functionality:

- Connection to the Healthcare Identifiers Service to search for and retrieve national healthcare identifiers.
- Assisted My Health Record registration of patients.
- Connection to the My Health Record system to:
 - Determine if a patient has a digital health record.
 - View a patient's digital health record;
 - Post clinical documents into this record including:
 - discharge summaries;
 - pathology and diagnostic imaging reports;
 - prescription and dispense records;
 - event summaries;
 - shared health summaries; and
 - specialist letters.
 - Package these documents prior to submission.

Background

NEHTA has a strategic aim to support and facilitate the adoption of national eHealth foundations across the health sector. A key element of delivering on this objective is supporting the implementation of solutions that integrate with the national Healthcare Identifiers Service and the My Health Record system. NEHTA also seeks to collaborate through its implementations projects and, wherever possible, use the lessons learnt and knowledge gained to support the uptake of the national systems, and make that information available to a broader audience, where possible.

Release of HIPS as sample code

One result of this work is the development of the Healthcare Identifiers and PCEHR¹ Service (HIPS) middleware solution, which has been shared with and used by jurisdictional implementation projects.

This eHealth Integration Sample Code includes the source code for the HIPS solution and associated technical documentation and allows eHealth adopters to implement and extend the solution within their own environments and through their own projects. In this manner the resulting integrated solutions are fit for purpose within the specific contexts of the patient and clinical software systems deployed.

Governance, support and future enhancements

To ensure appropriate governance of the future support and enhancement of the HIPS software, a governance group has been established with representation from specified parties.

A HIPS user group has also been established. Its primary objectives are to:

1. Ensure that the HIPS product is available and supported for all jurisdictional members of the HIPS user group.
2. Make decisions on future product direction and enhancements.

Future enhancements to HIPS, based on agreement from this user group, will be made available in its source code form through NEHTA's Implementation Resources web site.

Content

The eHealth Integration Sample Code contains the following product components (packages):

eHealth Integration Sample Code – Core Software Package v2.0.3

Containing:

- eHISC Core source code
- Database (SQL files)
- Web Service Description Language (WSDL) and related XML schemas

¹ **Disclaimer:** PCEHR means the My Health Record, formally the "Personally Controlled Electronic Health Record", within the meaning of the *My Health Records Act 2012* (Cth), formerly called the *Personally Controlled Electronic Health Records Act 2012* (Cth).

- Documentation
 - Source code build guide (covering Core and UI)
 - Initial and clean installation guide
 - Module core specification
 - Service catalogue
 - Merging specification
 - PAS HL7™² profile
 - Evaluation guide
 - Third-party software licences (covering Core and UI)

eHealth Integration Sample Code – UI Software Package v2.0.3

Containing:

- eHISC Web UI source code
- Database (SQL files)
- Documentation
 - Web initial and clean installation guide
 - Module web UI specification

Downloads

The eHealth Integration Sample Code is available in the Implementation Resources area of www.nehta.gov.au under “Implementation and Adoption”, or from the following link:

<http://www.nehta.gov.au/implementation-resources/implementation-and-adoption/ehealth-integration-sample-code>

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² HL7 is a trademark of Health Level Seven International and is registered with the United States Patent and Trademark Office.