

# eHealth Integration Sample Code v2.0

## Product Data Sheet

27 February 2015

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 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 personally controlled eHealth record (PCEHR) 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 PCEHR registration of patients.
- Connection to the PCEHR system to:
  - Determine if a patient has an eHealth record.
  - View a patient's eHealth 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 PCEHR 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 PCEHR 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**

Containing:

- eHISC Core source code
- Database (SQL files)
- Documentation
  - Source code build guide
  - Initial and clean installation guide
  - Module core specification
  - Service catalogue
  - Merging specification
  - PAS HL7 specification (and related WSDL and XML schemas)
  - Evaluation guide
  - Third-party software licences

## eHealth Integration Sample Code – UI Software Package v2.0

Containing:

- eHISC Web UI source code
- Database (SQL files)
- Documentation
  - Source code build guide
  - Web initial and clean installation guide
  - Module web UI specification
  - Third-party software licences

## Downloads

The eHealth Integration Sample Code is available in the Implementation Resources area of [www.nehta.gov.au](http://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>

**Publication date:** 27 February 2015

**Contact for enquiries**

Telephone: 1300 901 001 or email: [help@nehta.gov.au](mailto:help@nehta.gov.au)

**Disclaimer**

The National E-Health Transition Authority Ltd (NEHTA) makes the information and other material (‘Information’) in this document available in good faith but without any representation or warranty as to its accuracy or completeness. NEHTA cannot accept any responsibility for the consequences of any use of the Information. As the Information is of a general nature only, it is up to any person using or relying on the Information to ensure that it is accurate, complete and suitable for the circumstances of its use.

**Copyright © 2015 National E-Health Transition Authority Ltd**

This document contains information which is protected by copyright. All Rights Reserved. No part of this work may be reproduced or used in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems—without the permission of NEHTA. All copies of this document must include the copyright and other information contained on this page.

**Council of Australian Governments**

The National E-Health Transition Authority is jointly funded by the Australian Government and all State and Territory Governments.