



HIPS UI Release 1.0.0
Assisted Registration Requirements

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Approved for external use

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Table of Contents

| | |
|------------------------------|----------|
| 1. Introduction | 5 |
| 2. Scope..... | 5 |

1. Introduction

Assisted Registration is a nationally funded NEHTA PCEHR project. The solution will interface with the Enterprise Service Bus (ESB) or other clinical systems to allow the fast and easy registration of patients to the PCEHR.

2. Scope

The project will be built into two parts. The first part is additional services added to the Healthcare Identifier and PCEHR Services (HIPS) system. These will be generic services that can be called by any client application to provide assisted registration facilities.

HIPS will be changed based on the following:

- Provide the ability to register adults (over 14 years of age) with the PCEHR. The registration of dependants is not in scope for this project.
- Maintain an audit log of successful registrations. If the verification method is response then the return code must be masked or encrypted in the log.
- Allow the submission of scanned copies of the registration consent form.
- Allow all Identity Verification Methods to be used.
- Provide a list of patients with an IHI but without a PCEHR using a simple data protocol.
- Allow patient registration based on the identifiers from the list and the patient's assertions. When using identifiers other than a verified IHI the associated IHI should have been verified within the previous 24 hours or HIPS should re-verify the IHI.
- Allow patient registration based on a Verified IHI and the patient's assertions.
- Allow patient registration based on a patient's demographics and assertions.
- Allow IHI validation to occur within HIPS prior to sending the registration request to the PCEHR when using patient demographics.
- Allow the registration request to be sent to the PCEHR without IHI validation when using patient demographics.
- Must meet all NOC and CCA mandatory tests.

The second part of the project is to produce a web application that interacts with the HIPS services to allow the assisted registration of patients. The web application will allow some customisation of functionality and style to occur within the healthcare group or hospital that it is installed in. The security of the web application is not dictated by the application but will work with any form of security allowed within Internet Information Server (IIS). Whilst some default security mechanism's will be defined as part of the release it will be the responsibility of the implementers to select, install and test the final security system in each group/hospital.

The web application will be created based on the following:

- Provide the ability to register adults (over 14 years of age) with the PCEHR. The registration of dependants is not in scope for this project.
- Allow the submission of scanned copies of the registration consent form.
- Allow all or a selection of Identity Verification Methods to be used.

- Provide a list of patients with an IHI but without a PCEHR by retrieving this information from HIPS. Or provide a list of patients with an IHI but without a PCEHR by retrieving this information from an external system based on the same OData protocol defined by the HIPS patient list. When using a list from an external system it must contain a recently verified IHI.
- Optionally allow patient's demographics to be entered and validated instead of selecting a patient from a list.
- Must follow national best practice for collection of patient information including Indigenous Status.
- Allow the use of standard security systems that can be integrated with IIS. For example this could be Active Directory through Windows Authentication or using the ASP.Net membership provider security system provided by Microsoft.
- Must meet all CCA mandatory tests.