



Australian Government

Australian Digital Health Agency

ADHA – Secure Messaging Industry Offer

Proposed Testing Process Details

December 2019



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Welcome!

Webinar technical presenter:
Scott Ferris, Solution Architect, ADHA

Purpose of today's webinar

- the ADHA's Secure Messaging Industry Offer (SMIO) requires that vendors undergo testing of their software
- the ADHA has now produced documents that describe those tests in detail
- today we will review the proposed tests together

The goal of today's session is to explain the proposed tests.

You will then be in a position to discuss them with your team and provide feedback to the ADHA on the proposed testing regime.



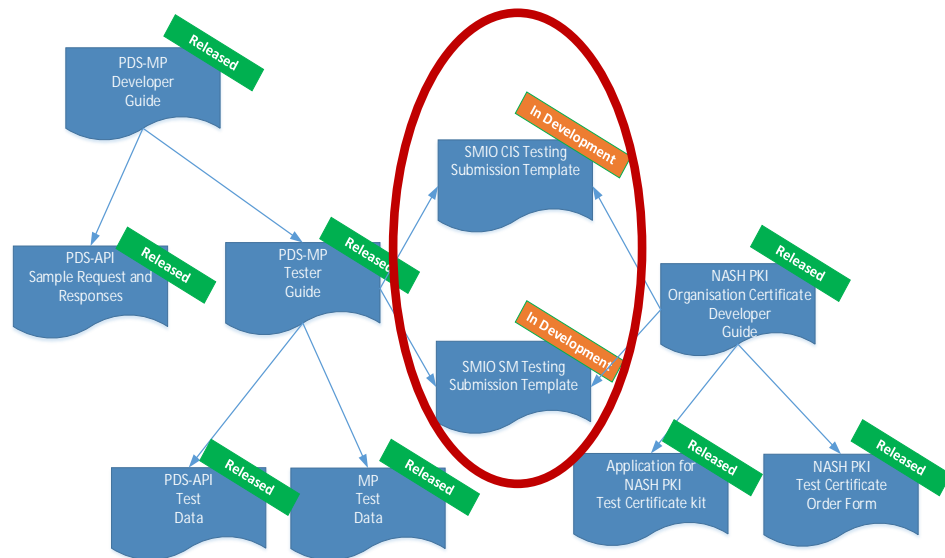
New documents - the "Testing Templates"

Appendix A of the Tester Guide provided high-level descriptions of the SMIO tests.

There are now two new documents - the "Testing Templates":

1. SM vendor - Testing Template - gives detail on proposed tests for SM systems
2. CIS vendor - Testing Template - gives detail on proposed tests for CIS

Today we will be reviewing the Testing Template relevant to your organisation.



Time limitations - relevance limitations

At today's session we will not be able to deep-dive into:

- the Australian Technical Standards (ATS-5822/1/0) that underlie the solution architecture
- capabilities and design of the FHIR-based directories
- technical topics such as encryption, digital signatures, asynchronous messaging, etc.

We will need to keep today's session relatively high level and relevant to all meeting participants.

We will also not be covering tests related to:

- API-key and SMART on FHIR-based authentication (both now deprecated)



Review - the 3 goals of the current SMIO...

The goals of the current Secure Messaging Industry Offer

1. Ensure we can create messages that can understood by all parties (HL7 messages by CIS, SMD messages by SM systems).
2. Ensure the new FHIR-based directories can be used to find recipients and retrieve recipient information to support secure messaging.
3. To ready vendors to work with NASH-related changes.

The SMIO tests are related only to these goals of the SMIO. For example, there are no "end-to-end" send/receive tests.



SMIO testing....we are here to help!

The aim of the testing process...

- the ADHA's SMIO testing goal is to create tests that are reasonable, valuable and provide genuine assistance to vendors in assessing product readiness.
- our proposed tests may be adjusted as needed to achieve this goal.
- ADHA will provide a "Clinical Package Validator tool" (CPV tool), a testing utility that will make testing easier.

Let's work together to make the SMIO testing process valuable and helpful.



Let's dive in!

- the document we will be reviewing today is version 1.0 of the Testing Template document
- we will also screen-sharing it
- the document was distributed by email with the meeting invitation. If you wish to look at your own copy, make notes, etc., please open that document now...



Section 1.2 – overview of testing process



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MY
HEALTH RECORD

2

SECURE
MESSAGING

3

INTEROPERABILITY
AND DATA QUALITY

4

MEDICINES
SAFETY

5

ENHANCED
MODELS OF CARE

6

WORKFORCE AND
EDUCATION

7

DRIVING
INNOVATION

..... switch to Testing Template document.....



Upcoming events & information

- updated Developer Guide and Tester Guide to be released
- "CPV tool" will be made available on the ADHA web site (+email notification)
- "CPV tool" webinar to be held
- additional testing support (e.g. HL7 messages to be used in tests) will be made available on the ADHA web site
- answers to questions from this webinar, and other relevant info, will be made available on the ADHA web site



More information

- SMIO Developer Guide, Tester Guide, test data

<https://developer.digitalhealth.gov.au/resources/faqs/provider-directory-service-message-payload-implementation-guide>

- SMIO NASH Guide

<https://developer.digitalhealth.gov.au/resources/faqs/national-authentication-service-health-nash-pki-organisation-certificate>

- the CPV Tool (do not download until being notified it is ready)

<https://developer.digitalhealth.gov.au/products/clinical-package-validator-template-package-libraries-iq-rules>

- message samples to carry out SMIO tests (to be available soon)

<https://developer.digitalhealth.gov.au/resources/faqs/provider-directory-service-message-payload-implementation-guide>



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Thank you!
