Australian Government
Australian Digital Health Agency

Secure messaging Integration Toolkit
Release Note

24 September 2024 v2.0
Approved for external use
Document ID: DH-4011:2024

Related end product identifier: EP-4010:2024

Release rationale

Version 2.0 of the Secure Messaging Integration Toolkit has been simplified to not include the sample code, as this is managed and maintained independently on GitHub. This allows for a more agile way to react to any changes required by the developer community.

Please refer to the Change Details section below for more detailed information about the changes included in this release.

New

None

Updated (supersedes previous version)

Identifier	Name and version
DH-4011:2024	*Secure Messaging Integration Toolkit – Release Note v2.0* (this document)

No change

Identifier	Name and version
DH-1627:2014	*HL7 MDM Library - Product Data Sheet v1.1*
DH-1628:2014	*Secure Message Delivery B2B Client Library - Product Data Sheet v1.1*

Removed (archived or withdrawn)

Identifier	Name and version
NEHTA-1623:2012	*Endpoint Location Service B2B Client Library - Java Sample Code v1.0.0*

NEHTA-1631:2012	*Secure Message Delivery B2B Client Library - Compiled WSDLs for Java v1.0.2*
NEHTA-1626:2013	*HL7 MDM Library - Java Sample Code v1.1.4*
NEHTA-1621:2014	*Endpoint Location Service B2B Client Library - Product Data Sheet v1.1*
NEHTA-1937:2014	*Secure Message Delivery B2B Client Library - Java Sample Code v1.0.3*
NEHTA-2030:2015	*Secure Messaging Conformance Test Tools – Product Data Sheet v1.0*
DH-2615:2018	*Secure Message Delivery B2B Client Library - .NET Sample Code v1.1.1*
DH-2616:2018	*HL7 MDM Library - .NET Sample Code v1.0.8*
DH-2631:2018	*Endpoint Location Service B2B Client Library - .NET Sample Code v1.0.3*
DH-2729:2018	*Secure Messaging Conformance Test Tools – Software Package v1.0.3*

Audience

• Developers of software applications integrating with Secure Message Delivery systems;

• Senior managers and policy makers, clinical experts, health information managers, IT operations and support teams and system integrators.

Change details

The sample code components of the Secure Messaging Integration Toolkit have now been removed as they are managed on the Agency's GitHub repository and Nuget and Maven compiled repositories.

Further, the Endpoint Location Service components are no longer needed as these have been superseded by the HL7 FHIR based provider directory services.

Known issues

None

Support

For further support or to provide feedback, please email help@digitalhealth.gov.au. Your views on the scope and usability of the Secure Messaging Integration Toolkit will inform future releases.

Future releases

The Secure Messaging Integration Toolkit will be released on an ad hoc basis, based on providing new functionality or other changes as required.

Previous releases

Date	Version
	EP-2730:2018 Secure Messaging Toolkit v1.2.5 Release note **Release rationale** Version 1.2.5 of the Secure Messaging Integration Toolkit provides an update of the Secure Messaging Conformance Test Tools – Software Package to include updated National Authentication Service for Health (NASH) Public Key Infrastructure (PKI) test certificates. The test certificates are required by the following tools included in the software package: • Secure Messaging Test Harness; • Secure Messaging Delivery Agent. The test certificates included in this version of the software package are drop-in replacements for the test certificates provided with its previous version, which expired on 13 September 2017. Step-by-step instructions for the replacement of the test certificates are contained in the updated Secure Messaging v1.4.3 - Patch Installation Guide provided as part of the updated software package. The new version of the Secure Messaging Integration Toolkit also provides internal optimisations for the .NET Sample Code of the following libraries without impacting their functionality or interfaces: • Endpoint Location Service B2B Client Library; • HL7 MDM Library; • Secure Message Delivery B2B Client Library. Developers using these sample code products should consider upgrading to the new versions, as they resolve a number of potential compatibility and performance issues. Please refer to the Change Details section below for more detailed information about the changes included in this release.
21 Oct 2016	EP-2440:2016 Secure Messaging Integration Toolkit v1.2.3 Release note **Release rationale** Version 1.2.3 of the Secure Messaging Integration Toolkit provides updated NASH PKI test certificates required by the following tools: • Secure Messaging Test Harness • Secure Messaging Delivery Agent. The updated certificates are replacements for the certificates provided with the previous version of the tools, which expired on 13 September 2016. The tools and updated certificates are published in version 1.0.1 of the *Secure Messaging Conformance Test Tools – Software Package*, which is part of this release. The software package includes instructions for replacing the test certificates. Please refer to the installation guides included in the Documentation folder of the software package.
10 Jun 2016	EP-2347:2016 Secure Messaging Integration Toolkit v1.2.2 Release note **Release rationale** Version 1.2.2 of the Secure Messaging Integration Toolkit provides an update to the HL7™ MDM Library to address an important issue that could prevent MDM from being accepted by SMD messaging endpoints or receiving systems:

	ISM-1 Encoding Type for Observation Value now Base64 instead of base64
11 May 2016	EP-2326:2016 Secure Messaging Integration Toolkit v1.2.1 Release note **Release rationale** Version 1.2.1 of the Secure Messaging Integration Toolkit provides an update to the *Secure Message Delivery B2B Client Library* (SMD Library) to accommodate a requirement introduced by a security patch for the .NET framework that was published by Microsoft on 8 March 2016. This update addresses an issue that can affect both the transmission and reception of clinical documents via secure messaging. Note: Some systems which do *not* use the SMD Library are also known to be affected. The changes implemented in this version of the SMD Library may be used as guidance for the developers of such systems. The new .NET requirement has the potential to affect a large number of sites using Windows Vista, 7, 8.1, 10, 2008 or 2012 that have installed the Microsoft security patch published on 8 March 2016. More detailed information is available in the Affected Systems section below.
17 Dec 2015	EP-2207:2015 Secure Messaging Integration Toolkit v1.2 Release note **Release rationale** This release includes the *Secure Messaging Conformance Test Tools – Software Package* and its product data sheet, which give further details of the software package. The software package includes: 1 Secure Messaging Test Harness, which automates the mandatory test cases for all four secure messaging roles (sender, receiver, sender intermediary and receiver intermediary), and also automates the test cases for immediate mode delivery. 2 Secure Message Delivery Agent (SMDA), which is an example implementation of secure messaging and includes an Endpoint Location Service (ELS). The secure messaging conformance test tools support the Australian Technical Specification for Secure Message Delivery (ATS 5822-2010). Earlier versions of some of this content were previously available on the Test Interest Group (TIG) site.
19 Dec 2014	EP-1939:2014 Secure Messaging Integration Toolkit v1.1 Release note **Release rationale** The Java library has been updated and aligned with all other Java-based code to support up to Java version 7.2.1. Updated product component: • Secure Message Delivery B2B Client Library - Java Sample Code v1.0.3
11 Mar 2014	EP-1636:2014 Secure Messaging Integration Toolkit v1.0

Release note

Release rationale

First release as new end product Secure Messaging Integration Toolkit.

Note that the product components included in this release were previously released on nehta.gov.au as part of two end products (Common – Clinical Document and Secure Messaging). See release note for a mapping of the relevant product component identifiers.

Updated product components in this release.

- NEHTA-1621:2014 Endpoint Location Service B2B Client Library - Product Data Sheet v1.1
- NEHTA-1627:2014 HL7 MDM Library - Product Data Sheet v1.1
- NEHTA-1628:2014 Secure Message Delivery B2B Client Library - Product Data Sheet v1.1

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