

SMD Client Library

Product Data Sheet v1.0

11 October 2013

Approved for external information

Key features

- Supports vendors with the implementation of SMD
- SMD Clients only

Usage (internal, external)

- RP Demonstrations
- Vendor products

Format

- ZIP file (.net and Java)

Introduction

Through collaboration between NEHTA and the software industry, Standards Australia published Australian Technical Specification (ATS) 5822 E-Health Secure Message Delivery (SMD) in March 2010.

ATS 5822 is supported by the following foundational specifications:

- ATS 5821 E-Health XML Secured Payload Profiles
- ATS 5820 E-Health Web Services Profiles

The SMD Client Library provides vendors with an example implementation of these client interfaces in both Java and .net development environments.

The above publications are available via www.infostore.saiglobal.com.

Content

The SMD Client Library simplifies the development process by providing a sample implementation of how to interact with an SMD Endpoint. The library implements all the available SMD interfaces and operations listed below:

- Sealed Message Delivery
 - deliver
- Sealed Message Retrieval
 - List
 - retrieve

- Transport Response Delivery
 - deliver
- Transport Response Retrieval
 - retrieve
 - remove
- Sealed Immediate Message Delivery
 - Deliver

Details of each interface are described and defined in *ATS 5822-2010 E-health secure message delivery* and further documentation is available on the NEHTA web site (www.nehta.gov.au) under [Implementation resources>Secure Messaging v1.0](#).

SMD can support a number of different web service profiles, as defined in *ATS 5820-2010 E-health web services profiles*, but based on implementation experience, the only profile supported will be Transport Layer Security (TLS). The secure payload implemented in ATS 5822 is described in detail in *ATS5821-2010: E-health XML secured payload profiles*.

The ATS specifications are available from <http://www.saiglobal.com/>

Downloads

The latest versions of the SMD Client Library can be downloaded from the NEHTA website using the link below:

<http://www.nehta.gov.au/implementation-resources/ehealth-foundations/secure-messaging>

The WSDLs and schemas for each SMD interface are available on the electronic health web site (<http://ns.electronichealth.net.au/downloads/>).

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