

ELS Client Library Product Data Sheet v1.0

11 October 2013

Approved for external information

Key features

- Supports vendors with the implementation of an ELS
- Supports SMD implementation
- ELS 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.

While SMD supports delivery to a known internet address, the Endpoint Location Service (ELS) allows discovery of the correct delivery address for a healthcare organisation identified by a Healthcare Provider Identifier – Organisation (HPI-O).

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

Content

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

- Lookup
 - listInteractions
 - validateInteraction
- Publish
 - addInteraction
 - removeInteraction

Details of each interface are described and defined in *TR5823-2010: Endpoint location service* (available from <http://www.saiglobal.com/>) and further documentation is available on the NEHTA web site (www.nehta.gov.au) under [Implementation resources>Secure Messaging v1.0](#). The Web Service Profile would be using TLS (like SMD).

Downloads

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

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

The WSDL and schemas for each ELS interface are available from

<http://ns.electronichealth.net.au/downloads/>

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