Healthcare Identifiers (HI) Service

System Interface Specification (SIS)
Read Provider Organisation Details
TECH.SIS.HI.16

Australian Government
Department of Human Services

Healthcare Identifiers Service	
Document Author	~~Healthcare Identifiers~~ eHealth Branch, Department of Human Services
Document Date	August 2014
Document Version	Final v7.0
Release	August 2014 Release
Web Service and Version	HI_ProviderReadProviderOrganisation, Version 3.2.0.wsdl

Notice

© Commonwealth of Australia.
This work is copyright protected. Requests and enquiries concerning reproduction and rights should be addressed to:

Manager,
~~Healthcare Identifiers~~ eHealth Branch,
Health ~~eBusiness~~ Programmes Division,
Department of Human Services
PO Box 1001 Tuggeranong DC ACT 2901
Australia

Note this document is Healthcare Identifiers Licensed Material.

Table of Contents

Document Change Control

Date of Issue	Brief Description of Change
5 December 2010	Final for v3.2.0 Release.
24th September 2011	Final for v5.0 **Response Element Definitions** Section 6.1 – Update to Service Messages Definition to include Error messages as a possible response.
29th September 2012	**Final for v6.0** **Minor Updates:** Updates to the Department of Human Services branding throughout document. Section 3 – WR16.3 - Add new wording as "is able to read the organisations which are below the organisation to which the individual is linked but unable to read the above in the same Organisation hierarchy." **Validation Updates:** Section 7 - Change error WSE0132 to WSE9014 Section 7- Update ESBERR error message as "ESBERR (notAuthorised)**"** error message." Section 7- Add new validation condition as "A read is performed on a record which the requestor HI-USER does not have authority to access." Section 7 – hpioNumber - Add new validation condition as "The element is provided and is found to be associated with a record that has been deactivated" Section 9 -Add new message no as "WSE0407 - The HPI-O record is deactivated and cannot be accessed via this channel." Section 9 – Removal of error message WSE0132 no longer required Section 9 – Update ESBERR error message as "ESBERR (notAuthorised)**"** error message. Section 9 – add new ESBERR Error as "The user <USER ID> has the roles: [HI-USER] which are not authorised for this operation." Section 9 – Reword the Message WSE0134 – "This <Organisation/individual type> record is a duplicate <Organisation /individual type> record that has been resolved to <Organisation /individual type> number <Organisation /individual Number>."
August 2014	**Final for v7.0** Page 2 – update notice. Section 3 – Service rules: WR16.4 Add text '(The deactivated health care provider individuals linked to the organisation will not appear in the response).' Add WR16.8 'Each request should use organisation certificate and incorporated individual DN details for qualifier'. Section 5.2 – Add new example request – Read Provider Organisation Details

Associated Documents

The following table lists all documents that are relevant to this document:

Document Name
Common Functionality Document for SIS (SIS #1)
Common Field Processing Reference Document for SIS (SIS #2)
Service Component Definitions (SIS #23)
HI Service – Services Catalogue [1]
HI Service – Change Guide

Associated Web Service

Web Service	WSDL Version
HI_ProviderReadProviderOrganisation-3.2.0.wsdl	3.2.0

---

[1] Note the HI Service – Services Catalogue has replaced the previously issued Technical Services Catalogue

Introduction

The ReadProviderOrganisation web service allows a trusted party to read the details of an existing provider organisation within the HI Service. The request may be made by an individual acting in one or more of the following roles:

- ❑ a Responsible Officer (RO)
- ❑ an Organisation Maintenance Officer (OMO).

This request may be made by the following trusted parties:

- ❑ an individual who is currently linked to the organisation or a senior organisation in the capacity of an RO or OMO.

The general uses of this web service include (but are not limited to):

- ❑ determining the current state of an organisation record
- ❑ retrieving the external identifiers of name, address and communication details of the organisation record.

1 Preconditions

None.

2 Service Summary

This web service allows an authorised individual to retrieve the details of their organisations.
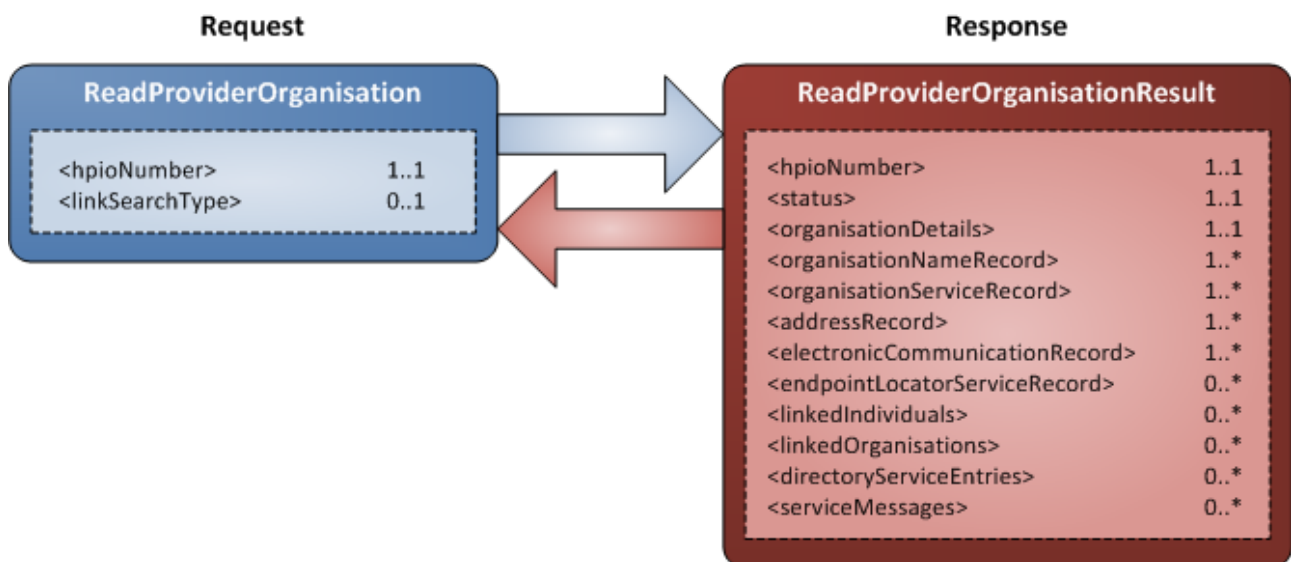
Figure 1- Service Summary Diagram

All requests are identified by the presence of the following details:

- ❑ hpioNumber – a single element containing the qualified identifier of the organisation record that is to be read
- ❑ linkSearchType – (optionally) a single element used to specify the type of links that should be returned when reading an organisation's record.

All responses will include the following details:

- ❑ hpioNumber – a single element containing the qualified identifier of the organisation record

❏ status – a single element containing the current status of the organisation record
❏ organisationDetails – a single element containing ABN and ACN information for the organisation
❏ organisationNameRecord – one or more elements containing the names that an organisation is known by
❏ organisationServiceRecord – one or more elements containing details of the services that an organisation offers
❏ addressRecord – one or more elements containing the addresses of an organisation
❏ electronicCommunicationRecord – one or more elements containing the electronic communication details of an organisation
❏ endpointLocatorServiceRecord – (optionally) one or more elements that describe the end points that this organisation can be identified by
❏ linkedIndividuals – (optionally) one or more elements that detail the links this organisation has to individuals
❏ linkedOrganisations – (optionally) one or more elements that details the links this organisation has to other organisations
❏ directoryServiceEntries – (optionally) one or more entries that this organisation can be identified by in the Healthcare Provider Directory.

3   Service Rules

The rules that govern processing of requests received through this service are as follows:

WR16.1.   A HPI-O must be provided for every request made to read an organisation's record.

WR16.2.   Each request received will be validated to ensure that all required elements are provided and that elements are consistent with their length and type restrictions.

WR16.3.   An individual is able to read the organisations which are below the organisation to which the individual is linked but unable to read the above in the same organisation hierarchy.

WR16.4.   Where an organisation has linked individuals, all active links will be returned and will include the capacity that the individual operates in within the organisation (The deactivated health care provider individuals linked to the organisation will not appear in the response).

WR16.5.   Where an organisation is linked to other organisations, all active links will be returned.

WR16.6.   Where an organisation record has been resolved to a duplicate, this service will notify a requestor that the identifier they are using is no longer valid and will provide the current identifier to be used.

WR16.7.   A successful read of an organisation record will result in:

(a)   all record details being returned, including external identifiers for names, addresses, communications and organisation services.

(b)   the read request being logged.

WR16.8.   Each request should use organisation certificate and incorporated individual DN details for qualifier.

4 Included Schemas

The following schema files are included as qualified namespaces by this web service:

Schema & Namespace	Usage Summary
Schema: XMLSchema.xsd ***Namespace:*** http://www.w3.org/2001/XMLSchema	Standard XML elements and types.
Schema: OrganisationName.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationName/3.2.0	Common elements used for the creation and amendment of an organisation's name details.
Schema: OrganisationService.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationService/3.2.0	Common elements used for the creation and amendment of an organisation's service details.
Schema: Address.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0	Common elements used for the creation and amendment of an organisation's address details.
Schema: OrganisationDetails.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationDetails/3.2.0	Common elements used for the notification of an organisation's death.
Schema: ElectronicCommunication.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0	Common elements used for the creation and amendment of an organisation's electronic communication details.
Schema: EndPoint.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/EndPoint/3.2.0	Common elements used for the creation and amendment of an organisation's endpoint locator service details.
Schema: Link.xsd ***Namespace:*** http://ns.electronichealth.net.au/hi/xsd/providercore/Link/3.2.0	Common elements used for the creation and amendment of an organisation's link to individuals and other organisations.
Schema: Certificate.xsd	Common elements used for the reuse of a current organisation certificate or the

Schema & Namespace	Usage Summary
Namespace: http://ns.electronichealth.net.au/hi/xsd/providercore/Certificate/3.2.0	issuance of a new certificate.
Schema: CommonCoreElements.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.2.0	Common elements used across a number of schemas.

5   Request – readProviderOrganisation

```
<xsd:element name="readProviderOrganisation">
    <xsd:annotation>
        <xsd:documentation> Read Provider Organisation Request element</xsd:documentation>
    </xsd:annotation>
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element ref="tns:hpioNumber" />
            <xsd:element ref="tns:linkSearchType" minOccurs="0" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
```

5.1 Request element definitions

Note: All fields must be provided in sequence. Please see TECH.SIS.HI.23 for definitions of elements, complexTypes and simpleTypes referenced below.

Seq #	Element Name	Element Information	Cardinality	Description
1	hpioNumber	HpioNumberType See simpleType	1..1 (Mandatory)	A qualified identifier which is used to identify an organisation record which requires reading within the HI Service. The element consists of a {qualifier}+{identifier}. The accepted {qualifier}s include: For Provider Organisations: http://ns.electronichealth.net.au/id/hi/hpio/1.0/
2	linkSearchType	LinkSearchType minLength=1 minLength=12 See simpleType	0..1 (Optional)	An element which describes the types of links that are required to be retrieved when reading an organisation. Acceptable values include: • Direct – (Default if element not provided) all direct children and the direct parent of the organisation • Children – all children (and grand children) beneath the organisation in its hierarchy

Seq #	Element Name	Element Information	Cardinality	Description
				• Parents – all parents (and grand parents) above the organisation in its hierarchy • All – all children and parents links.

5.2 Example Request – Read Provider Organisation Details

```
<?xml version="1.0" encoding="UTF-8" ?>
- <soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ns2="http://ns.electronichealth.net.au/hi/svc/ProviderReadProviderOrganisation/3.2.0"
xmlns:ns1="http://ns.electronichealth.net.au/hi/xsd/common/QualifiedIdentifier/3.0"
xmlns:ns="http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.0"
xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providermessages/ReadOrganisation/3.2.0"
xmlns:xd="http://www.w3.org/2000/09/xmldsig#">
- <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">

<wsa:Action>http://ns.electronichealth.net.au/hi/svc/ProviderReadProviderOrganisation/3.2.0/ProviderReadProviderOrg
anisationPortType/readProviderOrganisationRequest</wsa:Action>
  <wsa:MessageID>urn:uuid:b0571034-6e3a-4ffd-a983-04cloik5lo4f</wsa:MessageID>
  <wsa:To>http://www.w3.org/2005/08/addressing/anonymous</wsa:To>
- <wsa:From>
  <wsa:Address>http://www.w3.org/2005/08/addressing/anonymous</wsa:Address>
  </wsa:From>
- <audit:timestamp xml:id="cc70e25f-296d-4a6b-b9fe-c30593591c8c"
xmlns:audit="http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.0"
xmlns:qid="http://ns.electronichealth.net.au/hi/xsd/common/QualifiedIdentifier/3.0">
  <audit:created>2011-11-25T16:11:29.435+11:00</audit:created>
  </audit:timestamp>
- <audit:user xml:id="c23ab4f6-a9ff-48c2-b1bb-3ec9b19b8b0b"
xmlns:audit="http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.0"
xmlns:qid="http://ns.electronichealth.net.au/hi/xsd/common/QualifiedIdentifier/3.0">
  <qid:qualifier>http://ns.medicareaustralia.gov.au/id/hi/distinguishedname/1.0</qid:qualifier>
  <qid:id>CN=OMO Test Certificate 01 :5975467761,O=Health,ST=ACT,C=AU</qid:id>
  </audit:user>
- <audit:product xmlns:audit="http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.0"
xmlns:qid="http://ns.electronichealth.net.au/hi/xsd/common/QualifiedIdentifier/3.0">
- <audit:vendor>
  <qid:qualifier>http://ns.electronichealth.net.au/id/hi/vendorid/1.0</qid:qualifier>
  <qid:id>123456789</qid:id>
  </audit:vendor>
  <audit:productName>MCA.CSID.ESB.Reference.Platform.1st.Edition</audit:productName>
  <audit:productVersion>r3.0.b1.0</audit:productVersion>
  <audit:platform>Windows XP SP3</audit:platform>
  </audit:product>
  </soap:Header>

- <soap:Body xml:id="479d2a83-060f-450c-abb8-6ba510371234">
- <ns2:readProviderOrganisation>
  <ns3:hpioNumber>http://ns.electronichealth.net.au/id/hi/hpio/1.0/8003624166667177</ns3:hpioNumber>
  <ns3:linkSearchType>All</ns3:linkSearchType>
  </ns2:readProviderOrganisation>
  </soap:Body>
  </soap:Envelope>
```

6 Response - readProviderOrganisationResult

```
<xsd:element name="readProviderOrganisationResult">
 <xsd:annotation>
  <xsd:documentation>
   Read Provider Organisation Response element
  </xsd:documentation>
 </xsd:annotation>
 <xsd:complexType>
  <xsd:sequence>
   <xsd:element name="hpioNumber" type="pce:HpioNumberType" />
   <xsd:element name="status" type="pce:StatusType"/>
   <xsd:element ref="pod:organisationDetails"/>
   <xsd:element ref="pon:organisationNameRecord" maxOccurs="unbounded" />
   <xsd:element ref="pos:organisationServiceRecord" maxOccurs="unbounded" />
   <xsd:element ref="pad:addressRecord" maxOccurs="unbounded" />
   <xsd:element ref="pec:electronicCommunicationRecord" maxOccurs="unbounded" />
   <xsd:element ref="pep:endpointLocatorServiceRecord" minOccurs="0" maxOccurs="unbounded" />
   <xsd:element name="linkedIndividuals" type="pce:LinkedIndividualType" minOccurs="0" maxOccurs="unbounded"
/>
   <xsd:element name="linkedOrganisations" type="pce:LinkedOrganisationType" minOccurs="0"
maxOccurs="unbounded" />
   <xsd:element name="directoryServiceEntries" type="pds:ProviderDirectoryOrganisationEntryRecord" minOccurs="0"
maxOccurs="unbounded" />
   <xsd:element ref="cce:serviceMessages" minOccurs="0" />
  </xsd:sequence>
 </xsd:complexType>
</xsd:element>
```

6.1 Response element definitions

Note: All fields will be provided in sequence. Please see TECH.SIS.HI.23 for definitions of elements, complexTypes and simpleTypes referenced below.

Seq #	Element Name	Element Information	Cardinality	Description
1	hpioNumber	HpioNumberType See simpleType	1..1 (Mandatory)	A qualified identifier which is used to identify an organisation record within the HI Service. The element consists of a {qualifier}+{identifier}. The accepted {qualifier}s include: For Provider Organisations: http://ns.electronichealth.net.au/id/hi/hpio/1.0/
2	status	StatusType See complexType	1..1 (Mandatory)	An element containing the current status of the organisation's record.
3	organisationDetails	See element	1..1 (Mandatory)	An element containing the ABN and ACN of an organisation.
4	organisationNameRecord	See element	1..* (Mandatory)	A set of name details for the organisation.
5	organisationServiceRecord	See element	1..* (Mandatory)	A set of service details for the organisation.
6	addressRecord	See element	1..* (Mandatory)	A set of address details for the organisation.
7	electronicCommunicationRecord	See element	1..* (Mandatory)	A set of communication details for the organisation.
8	endpointLocatorServiceRecord	See element	0..* (Conditional)	A set of endpoint locator service details for the organisation.
9	linkedIndividuals	LinkedIndividualType See complexType	0..* (Optional)	A set of links that this organisation has to individuals.
10	linkedOrganisations	LinkedOrganisationType See complexType	0..* (Optional)	A set of links that this organisation has to other organisations.
11	directoryServiceEntries	ProviderDirectoryOrganisationEntryRecord See complexType	0..* (Optional)	An element list which contains all provider directory entires for this organisation.
12	serviceMessages	See element	0..* (Optional)	An element list which contains overall messages that outline the results of processing a request. These messages may be one of the following: • Informational • Warning • Error Messages are returned in order of severity; with 'ERROR' being the most severe and 'Informational' the least severe.

6.2 Example Response – Read Provider Organisation Details

```
    <prov-prpo:readProviderOrganisationResponse xmlns:prov-
prpo="http://ns.electronichealth.net.au/hi/svc/ProviderReadProviderOrganisation/3.2.0">
        <ns13:readProviderOrganisationResult
xmlns:ns13="http://ns.electronichealth.net.au/hi/xsd/providermessages/ReadOrganisation/3.2.0">
            <ns13:hpioNumber>http://ns.electronichealth.net.au/id/hi/hpio/1.0/8003629166668414</ns13:hpioNumber>
            <ns13:status>A</ns13:status>
            <ns9:organisationDetails
xmlns:ns9="http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationDetails/3.2.0">
                <ns9:australianBusinessNumber>12345678910</ns9:australianBusinessNumber>
                <ns9:australianCompanyNumber>123456789</ns9:australianCompanyNumber>
            </ns9:organisationDetails>
            <ns10:organisationNameRecord
xmlns:ns10="http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationName/3.2.0">
                <ns10:name>Test Medical Southside</ns10:name>
                <ns10:nameUsage>
                    <ns10:usage>B</ns10:usage>
                    <ns10:startDate>
                        <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-10-
11</ns4:date>
                        <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                    </ns10:startDate>
                </ns10:nameUsage>
                <ns10:preferred>true</ns10:preferred>
                <ns10:externalIdentifier>1052111</ns10:externalIdentifier>
            </ns10:organisationNameRecord>
            <ns10:organisationNameRecord
xmlns:ns10="http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationName/3.2.0">
                <ns10:name>Test Medical Greenway</ns10:name>
                <ns10:nameUsage>
                    <ns10:usage>B</ns10:usage>
                    <ns10:startDate>
                        <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-10-
11</ns4:date>
                        <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                    </ns10:startDate>
                    <ns10:endDate>
                        <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-11-
25</ns4:date>
                        <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                    </ns10:endDate>
                </ns10:nameUsage>
                <ns10:preferred>false</ns10:preferred>
                <ns10:externalIdentifier>1052061</ns10:externalIdentifier>
            </ns10:organisationNameRecord>
            <ns11:organisationServiceRecord
xmlns:ns11="http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationService/3.2.0">
                <ns11:organisationType>8511</ns11:organisationType>
                <ns11:organisationServiceType>8511-2</ns11:organisationServiceType>
                <ns11:organisationServiceComments>Resident doctor not available on
Wednesdays.</ns11:organisationServiceComments>
                <ns11:startDate>
                    <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-11-
11</ns4:date>
                    <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                </ns11:startDate>
                <ns11:externalIdentifier>1052065</ns11:externalIdentifier>
            </ns11:organisationServiceRecord>
            <ns11:organisationServiceRecord
xmlns:ns11="http://ns.electronichealth.net.au/hi/xsd/providercore/OrganisationService/3.2.0">
                <ns11:organisationType>4271</ns11:organisationType>
```

```
            <ns11:organisationServiceType>4271-2</ns11:organisationServiceType>
               <ns11:startDate>
                 <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-11-
25</ns4:date>
                    <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
               </ns11:startDate>
               <ns11:externalIdentifier>1052113</ns11:externalIdentifier>
            </ns11:organisationServiceRecord>
            <ns3:addressRecord xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0">
               <ns3:australianAddress>
                 <ns3:unstructuredAddressLine>83 Test Street</ns3:unstructuredAddressLine>
                 <suburb xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">GREENWAY</suburb>
                 <state xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">ACT</state>
                 <postcode xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">2900</postcode>
               </ns3:australianAddress>
               <ns3:addressPurpose>
                 <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">B</purpose>
                 <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">M</purpose>
                 <ns3:startDate>
                    <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-11-
11</ns4:date>
                    <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                 </ns3:startDate>
               </ns3:addressPurpose>
               <ns3:preferred>true</ns3:preferred>
               <ns3:externalIdentifier>1052066</ns3:externalIdentifier>
            </ns3:addressRecord>
            <ns6:electronicCommunicationRecord
xmlns:ns6="http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0">
               <ns5:medium
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">F</ns5:medium>
               <ns5:details
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">0287665344</ns5:det
ails>
               <ns5:usage
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">B</ns5:usage>
               <ns6:preferred>true</ns6:preferred>
               <ns6:externalIdentifier>1052069</ns6:externalIdentifier>
            </ns6:electronicCommunicationRecord>
            <ns6:electronicCommunicationRecord
xmlns:ns6="http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0">
               <ns5:medium
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">E</ns5:medium>
               <ns5:details
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">admin@greenwaytest
medical.com.au</ns5:details>
               <ns5:usage
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">B</ns5:usage>
               <ns6:preferred>false</ns6:preferred>
               <ns6:externalIdentifier>1052070</ns6:externalIdentifier>
            </ns6:electronicCommunicationRecord>
            <ns6:electronicCommunicationRecord
xmlns:ns6="http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0">
               <ns5:medium
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">T</ns5:medium>
               <ns5:details
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">0298771122</ns5:deta
ils>
               <ns5:usage
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">B</ns5:usage>
               <ns6:preferred>false</ns6:preferred>
               <ns6:externalIdentifier>1052114</ns6:externalIdentifier>
            </ns6:electronicCommunicationRecord>
            <ns13:linkedIndividuals>
               <ns8:qualifiedIdentifier
xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">http://ns.electronichealth.net.au/id/hi
/omo/1.0/2500002466</ns8:qualifiedIdentifier>
```

```
                <ns8:role xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">OMR</ns8:role>
            <ns8:familyName
xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">Hemmingway</ns8:familyName>
                <ns8:givenName
xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">Ernie</ns8:givenName>
            </ns13:linkedIndividuals>
            <ns13:linkedOrganisations>
                <ns8:hpioNumber
xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">http://ns.electronichealth.net.au/id/hi
/hpio/1.0/8003620833333979</ns8:hpioNumber>
                <ns8:name xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">Bowen
Health</ns8:name>
                <ns3:address xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0">
                   <ns3:australianAddress>
                    <streetNumber
xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">21</streetNumber>
                        <streetName xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">quist
pl</streetName>
                        <suburb xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">NICHOLLS</suburb>
                        <state xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">ACT</state>
                        <postcode xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">2913</postcode>
                   </ns3:australianAddress>
                   <ns3:addressPurpose>
                        <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">B</purpose>
                        <ns3:startDate>
                          <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2003-03-
03</ns4:date>
                          <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                        </ns3:startDate>
                   </ns3:addressPurpose>
                   <ns3:preferred>true</ns3:preferred>
                </ns3:address>
            </ns13:linkedOrganisations>
        </ns13:readProviderOrganisationResult>
    </prov-prpo:readProviderOrganisationResponse>
```

7 Functional Validations

Element Name	Validation Condition	Message Code	Message Type
Element: <readProviderOrganisation>			
general	A read is performed on a record which the requestor does not have authority to access.	WSE0162	ERROR
	A read is performed on a record which the requestor HI-USER does not have authority to access.	**ESBERR** (notAuthorised)	ERROR
hpioNumber	The element is provided and contains an invalid qualifier or identifier component	WSE9017	ERROR
	The element has not been provided	ESBERR	ERROR
	The element is provided and is found to be associated with a record that has been resolved to a duplicate	WSE0134	ERROR
	The element is provided and is found to be associated with a record that has been retired	WSE9014	ERROR
	The element is provided and is found to be deactivated	WSE9014	ERROR

Element Name	Validation Condition	Message Code	Message Type
	The element is provided and is found to be associated with a record that has been deactivated.	WSE0407	ERROR
linkSearchType	An invalid reference value has been provided	WSE9002	ERROR

8 Cross-element Validations

None.

9 Information, Warning and Error Messages

This section defines the messages that may be returned by this service along with any response.

Message Number	Message Text
WSE0134	This <Organisation/individual type> record is a duplicate <Organisation /individual type> record that has been resolved to <Organisation /individual type> number <Organisation /individual Number>.
WSE0162	You are unable to perform this function as you do not have the appropriate authorisation.
WSE0407	The HPI-O record is deactivated and cannot be accessed via this channel
WSE9002	The value provided is not a valid reference value for the element <element name>.
WSE9014	The requested operation could not be performed because the record with identifier <number> is no longer active for use
WSE9017	The identifier number {0} is invalid.
ESBERR (notAuthorised)	The user <USER ID> has the roles: [HI-USER] which are not authorised for this operation.
ESBERR	<Badly Formed Message Error>.

10 Definitions, Acronyms and Abbreviations

The following table provides a list of all terms, acronyms and abbreviations required to properly interpret the System Interface Specifications:

Acronym	Description
B2B	Business to Business
~~C~~SO	~~Customer~~ Service Officer
HI	Healthcare Identifiers
HPD	Healthcare Provider Directory
HPI-I	Healthcare Provider Identifier – Individual
HPI-O	Healthcare Provider Identifier – Organisation
IHI	Individual Healthcare Identifier
PKI	Public Key Infrastructure
RO	Responsible Officer
SIS	System Interface Specification
SOAP	Simple Object Access Protocol
WSDL	Web Services Description Language
XML	Extensible Mark-up Language
XSD	XML Schema Definition