

# I-heal 2.0 Integration Framework

## Patient Search Services

### Purpose

This document describes the transaction messages included in the i-heal integration API; these messages may be used by remote applications to interact with i-heal 2.0 using http web service request messages.

### Scope

The i-heal integration API(s) defined in this document includes those used to search for patients and load the patient 'demographics and scheduled visits. Each API is described along with transaction request details, request parameters, response content, and possible error messages.

Other documents are available which describes each service

<https://ihealintegrationapi.healogics.com/apidocs/api/v1/registrationhelp> - describes registration process to gain access for i-heal integration api use.

<https://ihealintegrationapi.healogics.com/apidocs/api/v1/authenticationhelp> - describes api used for user authentication, password management, and facility authorization.

<https://ihealintegrationapi.healogics.com/apidocs/api/v1/patientsearchhelp> - describes api used for patient search and patient demographics access.

<https://ihealintegrationapi.healogics.com/apidocs/api/v1/datarequesthelp> - describes api used for accessing patient common data sets.

### Terms of Use

Under the Health Insurance Portability and Accountability Act of 1996 (HIPAA), Healogics, Inc. and its subsidiaries (Healogics, Inc.) are "Business Associates" of each Hospital to which they provide wound care management services and, as such, are statutorily and contractually obligated and liable for maintaining the privacy and security of the "protected health information" (known as "PHI") for all patients treated in the Hospital's Wound Healing Program (Program). Under the HIPAA "Privacy Rule", "Security Rule" "HITECH Rule", and under each Hospital management agreement, Healogics, Inc. is also required to have comprehensive policies and procedures for the use and disclosure of PHI and "electronic PHI" (e-PHI). These policies and procedures can be located on the Healogics WebPortal within the Policy tab at <https://www.dcswebportal.com>.

As a part of your activities for the Program of the Hospital, you may have access to and use of PHI and/or e-PHI through the I-heal system. I-heal is a proprietary, web-based disease management and



wound care outcome tracking system that documents patient progress and treatment outcomes for patients receiving treatment through the Program.

By using the i-heal integration API you acknowledge that: (1) your access to and use of I-heal is conditioned on your compliance with the below terms of use, (2) you agree to comply with HIPAA in connection with your Program activities and (3) you have read and agree to the below terms of use regarding your access to and use of the I-heal system. If you have any questions concerning our policies and procedures, please contact the Healogics, Inc. Compliance/Privacy Office at 904-446-3427, or e-mail us at: [compliance@healogics.com](mailto:compliance@healogics.com).

1. My login ID is my own individual, personal code for gaining access into the I-heal system and I agree that I will not share my login ID and/or password with anyone or use another person's ID and/or password.
2. My login ID allows me to access only such information which I have been authorized to use to perform my job responsibilities and I agree that I will only use my computer access as appropriate in order to carry out my assigned duties.
3. When working in I-heal my login ID, electronic signature and initials, act as my personal signature, and are legally binding as my authorized personal signature.
4. The information I access through I-heal is privileged, and/or confidential, and should be used only in the performance of job-related or patient-related activities. I agree that I will not divulge PHI or other confidential information unless requested to do so by my supervisor or other authorized personnel in the performance of my job duties or as permitted or required by applicable law and regulation and policies and procedures of the Hospital.
5. It is a violation of Healogics, Inc.'s policies and the Hospital's policies to print PHI remotely using the I-heal system (e.g., at home, hotel, or any off-site printer) and I will not print such PHI remotely from the I-heal system.
6. I will notify Healogics's Compliance Officer if I believe a HIPAA breach has occurred or if I believe someone using I-heal has violated any of these terms of use.
7. I must log-off access to I-heal if I leave the computer terminal for any period of time. I understand that failure to log-off is a violation of these terms and Hospital policies.
8. I understand I am responsible for any information I input into the I-heal system.
9. I agree that no medical record or other document or information generated or maintained for the Hospital in connection with billing or medical recordkeeping for Program patients may be removed from the treatment center without Hospital written approval.

**I understand that my failure to comply with the foregoing in the future may result in the discontinuation of my access to and use of I-heal and that any such breach may also be the basis for civil or criminal prosecution under state and/or federal law and that, if I am an employee or contractor of the Hospital or Healogics, Inc., such relationship may subject me to disciplinary action including and up to possible termination.**

## Registration

Vendors seeking access to the i-heal integration API must register with Healogics, Inc. and obtain a private key used during request authentication in each API request. No API request may be issued without a valid private key issued by Net Health.

## API Message Context

i-heal API services are RESTful API that allows runs on HTTPS which accepts requests and sends responses in JSON format contained in the body of the HTTPS message. Requests and responses use the javascript style camel case notations for property names.

### Private Key

A private key (or API Key) is assigned to a caller which must be included in the JSON request packet under property name 'privateKey'. This key must match the key assigned to the caller or else the request packet will be discarded, and an error message will be returned. The private key is obtained from Net Health as described in the registration help instructions.

## API Message Errors

Successful API requests for all i-heal API return an HTTP 200 response; error conditions may return using HTTP response in 400 or 500 range. An error response message may be returned with the following data encoded in the message body.

*Table 1 Error response body*

errorCode	numeric	Required	Error code; see below
errorMessage	String; alpha-numeric	Required	error message; detailed user-friendly message
errors	Array of Object; Table 2 Error detail	Optional	May be empty array;
warnings	Array of Object; Table 2 Error detail	Optional	Non-fatal messages; May be empty array;
requestId	Guid	Required	Message requestId

*Table 2 Error detail*

fieldname	string	Required	Field associated with following messages
errors	Array of String; alpha-numeric	Required	Error message; detailed user-friendly message

*Table 3 Error codes*

errorCode	ErrorMessage
1	Login failed
2	Invalid private key
3	Invalid token
4	Authentication failed
7	Authorization failed

10	Account locked out
11	Password expired
12	Token expired
13	Invalid user Id
14	Invalid input field
15	Unknown error
16	Accept Terms required
40	User must change password
41	User must accept Terms of Use
42	User password expired in facility
43	User not authorized in facility
44	User not authorized in location
45	Invalid token for event
46	Could not reset password

### Sample Response Body

```
{
  "errorCode": 2,
  "errorMessage": "The supplied private key is invalid for this service",
  "errors": null,
  "warnings": null,
  "requestId": "e6683367-b1fa-48c0-b566-61b518a89b68"
}
```

### Patient Services Overview

The patient services API may be used to perform searches for patients. Once identified, the demographic information may be loaded for a specific patient. A user must be authenticated prior to subsequent calls to other i-heal API to ensure authorized access and log user activity.

- The *PatientSearch* API may be used obtain a list of patients matching supplied criteria including facility, location, service line, patient status, first name, last name, medical record number or date of birth.
- The *PatientLoad* API is used to obtain all demographic information regarding a specific patient identified from the *PatientSearch* API.

### Patient Services API

**PatientSearch** – returns a list of patients for the given facility, location, service line, patient status (active/inactive), first name, last name, medical record number, and date of birth.

Supports lazy loading in order of the “matchField” input parameter; that is, each call will load a “Page” of results defined by “pageIndex” and “maxPageSize”. Call the API multiple times as a user “pages” through a list of patients.

Only patients in the designated facility which the authenticated user has access will be returned. The API may further filter the results by location, service line, and patient active status if desired. Finally, the API searches for patients based on the “matchPhrase” provided for first name, last name, medical record number, or date of birth.

HTTP POST

URL: <https://ihealintegrationapi.healogics.com/patientservice/api/v1/PatientSearch>

HEADER:

Content-Type application/json

*Table 4 PatientSearch request body*

privateKey	String; alpha-numeric	Required	Assigned to vendor at registration
masterToken	String; alpha-numeric	Required	Token obtained via Authenticate API; used in all subsequent API calls
userId	Numeric	Required	userId of the authenticated user obtained via Authenticate API
eventDateTime	Datetime	Optional	“yyyy-mm-ddThh:mm:ss”
facilityId	Numeric	Required	
locationId	Numeric	Optional	if not provided, matches all locations
serviceLineId	Numeric	Optional	If not provided, Matches all service lines
activePatientsOnly	Boolean	Optional	“false” – all patients, “true” – active patients only; if not provided, provides active patients only
matchField	Numeric	Required	0 – first name; 1 – last name; 2 – mrn; 3 – date of birth

matchPhrase	String; alpha-numeric	Required	Match all if empty
pageIndex	Numeric	Required	Index of desired page to return; 0 = first page
maxPageSize	Numeric	Required	Maximum results to return per request; must be >= 1

*Table 5 PatientSearch response body*

resultCount	Numeric	Required	Total number of patients matching search.
pageIndex	Numeric	Required	Index of returned page
maxPageSize	Numeric	Required	Maximum results to return per request
patients	Array of Object	Required	May be empty array; defined below Table 6 patientMini object

*Table 6 patientMini object*

patientId	numeric	Required	
patientFirstName	Alpha-numeric	Optional	
patientLastName	Alpha-numeric	Optional	
patientNumber	Alpha-numeric	Optional	
patientDOB	Date	Optional	
patientSex	String	Optional	M – Male, F - Female
weeksInTreatment	Numeric	Optional	
admissionDate	Date only	Optional	Date only field; patient admission date
preregistrationDate	Date only	Optional	Date only field; patient registration date
locationId	Numeric	Optional	
locationDescription	String	Conditionally Required	
serviceLineId	numeric	Optional	
serviceLineDescription	String	Conditionally Required	
inpatient	Object	Optional	Present if serviceLineId = 2 (inpatient); else null;

## Sample Request Body

```
{
  "privateKey" : "ABCDEF0123456789abcdef"
  "masterToken": "EO7MkxpIAL/ZtJ6nSeTS8MpckFTPSnyw2DBHaBlx5cFu3EW/CNzWjA",
  "userId": 674861
  "facilityId": 8921,
  "eventDateTime": "2018-03-20T22:06:00",
  "matchField" : 1,
  "matchPhrase" : "b",
  "activePatientsOnly" : 0,
  "pageIndex" : 0,
  "maxPageSize" : 20
}
```

## Sample Response Body

```
{
  "patients": [
    {
      "PatientId": 2453254,
      "PatientFirstName": "Bilbo",
      "PatientLastName": "Baggins",
      "PatientNumber": "23435",
      "PatientDOB": "1958-01-01T00:00:00",
      "PatientSex": "M",
      "WeeksInTreatment": 0,
      "AdmissionDate": "2017-09-14T00:00:00",
      "PreRegistrationDate": "2015-09-14T00:00:00",
      "LocationId": 1,
      "LocationDescription": "Outpatient",
      "ServiceLineId": 105,
      "ServiceLineDescription": "Location AH1"
    },
    {
      "PatientId": 2876565,
      "PatientFirstName": "Frodo",
      "PatientLastName": "Baggins",
      "PatientNumber": "AH-100417",
    }
  ]
}
```

```
"PatientDOB": "1971-01-01T00:00:00",
"PatientSex": "M",
"WeeksInTreatment": 0,
"AdmissionDate": "2017-10-04T00:00:00",
"PreRegistrationDate": "2017-10-04T00:00:00",
"LocationId": null,
"LocationDescription": "",
"ServiceLineId": null,
"ServiceLineDescription": ""
},
{
  "PatientId": 2583653,
  "PatientFirstName": "Betty",
  "PatientLastName": "Boop",
  "PatientNumber": "SASA87S",
  "PatientDOB": "1942-12-08T00:00:00",
  "PatientSex": "F",
  "WeeksInTreatment": 0,
  "AdmissionDate": "2017-12-14T00:00:00",
  "PreRegistrationDate": "2017-12-14T00:00:00",
  "LocationId": null,
  "LocationDescription": "",
  "ServiceLineId": null,
  "ServiceLineDescription": ""
}
],
"recordCount": 3,
"pageIndex": 0,
"maxPageSize": 20,
"errorCode": 0,
"errorMessage": "The operation completed successfully",
"errors": [],
"warnings": [],
"requestId": "9597aa71-10c8-4948-b646-73303ab8cc35"
}
```

**PatientLoad** – returns all patient demographic information for a given patientId



HTTP POST

URL: <https://ihealintegrationapi.healogics.com/patientservice/api/v1/PatientLoad>

HEADER:

Content-Type application/json

*Table 7 PatientLoad request body*

privateKey	String; alpha-numeric	Required	Assigned to vendor at registration
masterToken	String; alpha-numeric	Required	Token obtained via Authenticate API; used in all subsequent API calls
userId	Numeric	Required	userId of the authenticated user obtained via Authenticate API
eventDateTime	Datetime	Optional	“yyyy-mm-ddThh:mm:ss”
facilityId	Numeric	Required	
patientId	Numeric	Required	From <i>PatientSearch</i> API

*Table 8 PatientLoad response body*

patient	Object	Required	defined below Table 9 patientFull object
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*Table 9 patientFull object*

patientId	numeric	Required	
patientFirstName	string	Optional	
patientLastName	string	Optional	
patientMiddleName	String	Optional	
patientTitle	String	Optional	
patientNumber	string	Optional	
patientSSN	String	Optional	
address1	string	Optional	
address2	String	Optional	
city	String	Optional	

state	string	Optional										
zip	string	Optional										
country	string	Optional										
phone1	string	Optional										
phone2	String	Optional										
Email	String	Optional										
patientDOB	Date	Optional										
patientSex	String	Optional	'M', 'F', ...									
patientRace	Array of Code Value Object	Optional	<p><i>Empty array if no races; see Table 10 Patient race object; values from SelectionAdminGet – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. PatientRace selection in Table 15 codeValue object</i></p> <table border="1"> <tr> <td>code</td> <td>numeric</td> <td>R+</td> </tr> <tr> <td>value</td> <td>String</td> <td>R+</td> </tr> <tr> <td>sort</td> <td>Numeric</td> <td>O</td> </tr> </table> <p>Table 16 SelectionAdminGet selectionName SelectionAdminGet – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value.</p>	code	numeric	R+	value	String	R+	sort	Numeric	O
code	numeric	R+										
value	String	R+										
sort	Numeric	O										
patientEthnicityCode	numeric	Optional	<p><i>values from 0 SelectionAdminGet – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. PatientEthnicity selection in SelectionAdminGet – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. Table 15 codeValue object</i></p> <table border="1"> <tr> <td>code</td> <td>numeric</td> <td>R+</td> </tr> <tr> <td>value</td> <td>String</td> <td>R+</td> </tr> <tr> <td>sort</td> <td>Numeric</td> <td>O</td> </tr> </table> <p>Table 16 SelectionAdminGet selectionName</p>	code	numeric	R+	value	String	R+	sort	Numeric	O
code	numeric	R+										
value	String	R+										
sort	Numeric	O										
patientEthnicityDCCode	String	Optional										
patientEthnicityDescription	String	Conditionally Required										
preferredLanguageCode	string	Optional	<i>values from SelectionAdminGet – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. PreferredLanguage selection in SelectionAdminGet – returns a list of</i>									

			<i>valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. Table 15 codeValue object</i>									
			<table border="1"> <tr> <td>code</td> <td>numeric</td> <td>R+</td> </tr> <tr> <td>value</td> <td>String</td> <td>R+</td> </tr> <tr> <td>sort</td> <td>Numeric</td> <td>O</td> </tr> </table>	code	numeric	R+	value	String	R+	sort	Numeric	O
code	numeric	R+										
value	String	R+										
sort	Numeric	O										
Table 16 SelectionAdminGet selectionName												
preferredLanguageRFCCode	String	Optional										
preferredLanguageDescription	String	Conditionally Required										
careCenterCode	Numeric	Optional										
careCenterDescription	String	Conditionally Required										
homeHealthCode	Numeric	Optional										
homeHealthDescription	String	Conditionally Required										
howHeardCode	Numeric	Optional										
howHeardDescription	String	Conditionally Required										
howHeardDetailCode	Numeric	Optional										
howHeardDetailDescription	String	Conditionally Required										
providerWoundCareId	Numeric	Optional	Id of wound care provider									
providerReferringId	Numeric	Optional	Id of referring provider									
providerReferredId	Numeric	Optional	Id of referred provider									
providerPrimaryId	Numeric	Optional	Id of primary care provider									
providerOtherId	Numeric	Optional	Id of other provider									

clinicianCaseManagerId	Numeric	Optional	Id of case manager									
emergencyContact	Object	Optional	May be null; defined in Table 11 Person object									
guarantor	Object	Optional	May be null; defined in Table 11 Person object									
insurance	Array of Object	Optional	May be empty array; defined Table 12 Patient Insurance object									
weeksInTreatment	Numeric	Optional	Calculated from admission date.									
admissionDate	Date only	Optional	Date only field									
preregistrationDate	Date only	Required	Date only field; patient registration date									
dischargeDate	Date only	Optional	null = active patient; present = discharged patient									
dischargeStatusCode	Numeric	Conditionally Required	<p><i>Required if dischargeDate present; values from <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. DischargeStatus selection in <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. Table 15 codeValue object</i></p> <table border="1"> <tr> <td>code</td> <td>numeric</td> <td>R+</td> </tr> <tr> <td>value</td> <td>String</td> <td>R+</td> </tr> <tr> <td>sort</td> <td>Numeric</td> <td>O</td> </tr> </table> <p>Table 16 SelectionAdminGet selectionName</p>	code	numeric	R+	value	String	R+	sort	Numeric	O
code	numeric	R+										
value	String	R+										
sort	Numeric	O										
dischargeStatusDescription	String	Conditionally Required										
locationId	Numeric	Optional	<p><i>values from <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. ComponentOfCare2 selection in <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code &amp; value. Table 15 codeValue object</i></p> <table border="1"> <tr> <td>code</td> <td>numeric</td> <td>R+</td> </tr> <tr> <td>value</td> <td>String</td> <td>R+</td> </tr> <tr> <td>sort</td> <td>Numeric</td> <td>O</td> </tr> </table> <p>Table 16 SelectionAdminGet selectionName</p>	code	numeric	R+	value	String	R+	sort	Numeric	O
code	numeric	R+										
value	String	R+										
sort	Numeric	O										
locationDescription	String	Conditionally Required										

serviceLineId	numeric	Optional	values from <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code & value. ComponentOfCare selection in <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code & value. <b>Table 15 codeValue object</b>		
			code	numeric	R+
			value	String	R+
			sort	Numeric	O
Table 16 SelectionAdminGet selectionName					
serviceLineDescription	String	Conditionally Required			
notes	String	Optional			

Table 10 Patient race object

raceCode	numeric	R+	
raceName	String	R+	
raceCDCCode	String	O	

Table 11 Person object

firstName	string	O	
lastName	string	O	
middleName	string	O	
relationship	string	O	
address1	string	O	
address2	string	O	
city	string	O	
state	string	O	2 digit state code
zip	string	O	5 or 10 digit zip code
country	string	O	
phone	string	O	10 digit phone
email	string	O	email

Table 12 Patient Insurance object

insuranceId	Numeric	R+	
insuranceName	String	R+	
Sequence	Numeric	R+	1-primary, 2-secondary, 3-tertiary
address1	String	O	
address2	String	O	
address3	String	O	
city	String	O	
state	String	O	

zip	String	0	
phone	String	0	
fax	String	0	
contactFirstName	String	0	
contactLastName	String	0	
contactPhone	String	0	
contactEmail	String	0	
insured	Object	0	May be null; defined Table 11 Person object
insuredDOB	Date	0	Date only
policyNumber	String	0	
groupNumber	String	0	
groupName	String	0	

### Sample Request Body

```
{
  "privateKey" : "ABCDEF0123456789abcdef"
  "masterToken": "EO7MkxpIAL/ZtJ6nSeTS8MpckFTPSnyw2DBHaBix5cFu3EW/CNzWjA",
  "userId": 674861
  "facilityId": 8921,
  "patientId": 2583653
}
```

### Sample Response Body

```
{
  "patient": {
    "PatientId": 2583653,
    "PatientFirstName": "Betty",
    "PatientLastName": "Boop",
    "patientTitle": null,
    "patientNumber": "SASA87S",
    "patientSSN": "",
    "address1": "202 Burlington Rd.",
    "address2": "",
    "city": "Bedford",
    "state": "MA",
    "zip": "01730",
```

```
"country": "United States",
"phone1": "7812713000",
"phone2": "",
"email": "",
"PatientDOB": "1942-12-08T00:00:00",
"patientSex": "F",
"patientRace": [
  {
    "RaceCode": 2,
    "RaceName": "American Indian / Alaskan Native",
    "RaceCDCCode": "1002-5"
  }
],
"patientEthnicityCode": 12,
"patientEthnicityCDCCode": "2186-5",
"patientEthnicityDescription": "Not Hispanic or Latino",
"preferredLanguageCode": null,
"preferredLanguageRFCCode": null,
"preferredLanguageDescription": "",
"careCenterCode": null,
"careCenterDescription": "",
"homeHealthCode": null,
"homeHealthDescription": "",
"howHeardCode": null,
"howHeardDescription": "",
"howHeardDetailCode": null,
"howHeardDetailDescription": null,
"providerWoundCareId": 150378,
"providerReferringId": null,
"providerReferredId": null,
"providerPrimaryId": 150378,
"providerOtherId": 150378,
"clinicianCaseManagerId": null,
"emergencyContact": {
  "firstName": "",
  "lastName": "",
  "middleName": "",
  "relationship": "",
  "address1": "",
  "address2": "",
  "city": "",
```

```
"state": "",
"zip": "",
"country": null,
"phone": "",
"email": null
},
"guarantor": {
  "firstName": "",
  "lastName": "",
  "middleName": "",
  "relationship": "",
  "address1": "",
  "address2": "",
  "city": "",
  "state": "",
  "zip": "",
  "country": null,
  "phone": null,
  "email": null
},
"insurance": [
  {
    "insuranceld": 47603,
    "insuranceName": "Other Organizations",
    "Sequence": 1,
    "address1": "",
    "address2": "",
    "address3": null,
    "city": "",
    "state": "",
    "zip": "",
    "phone": "7812713000",
    "fax": "",
    "contactFirstName": "",
    "contactLastName": "",
    "contactPhone": "",
    "contactEmail": "",
    "insured": {
      "firstName": "Albert",
      "lastName": "Barber",
      "middleName": "",
```



```
"relationship": "Self",
"address1": "",
"address2": "",
"city": "",
"state": "",
"zip": "",
"country": "0",
"phone": "7812713000",
"email": ""
},
"insuredDOB": "1942-02-01T00:00:00",
"policyNumber": "",
"groupNumber": "",
"groupName": ""
}
],
"weeksInTreatment": 237,
"admissionDate": "2014-05-10T00:00:00",
"preregistrationDate": "2014-03-01T00:00:00",
"dischargeDate": null,
"dischargeStatusCode": null,
"dischargeStatusDescription": null,
"locationId": 1,
"locationDescription": "",
"serviceLineId": 1,
"serviceLineDescription": "Outpatient",
"notes": ""
},
"errorCode": 0,
"errorMessage": "The operation completed successfully",
"errors": [],
"warnings": [],
"requestId": "42b76af7-297a-456c-8699-7e484464adf8"
}
```

**SelectionAdminGet** – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code & value. These values are used as select lists for various data

HTTP POST

URL: <https://ihealintegrationapi.healogics.com/configservice/api/v1/SelectionAdminGet>

[nethealth.com](https://nethealth.com) | The Art of the Right Fit®

40 24<sup>th</sup> Street, 1<sup>st</sup> Floor | Pittsburgh, PA 1522 | 800 411 6281

HEADER:

Content-Type application/json

*Table 13 SelectionAdminGet request body*

privateKey	String; alpha-numeric	Required	
eventDateTime	Datetime	Optional	
facilityId	Numeric	Required	
selectionName	String; alpha-numeric	Required	The <i>selectionName</i> for which to retrieve a list of selection items.

*Table 14 SelectionAdminGet response body*

codeValues	Array of Objects	Required	May be empty array; defined below Table 15 codeValue object
------------	------------------	----------	---

*Table 15 codeValue object*

code	numeric	R+	
value	String	R+	
sort	Numeric	O	

*Table 16 SelectionAdminGet selectionName*

DischargeStatus	Available patient discharge status
Clinician	Active clinician list (ID, clinician name only: "lname, fname minitial")
ComponentOfCare	Available Service Lines (Inpatient, Outpatient, etc)
ComponentOfCare2	Available Locations (satellite locations, SNF facilities, floors, departments, etc)
PatientEthnicity	Available list of patient ethnicity selections
PatientRace	Available list of patient race selections
PreferredLanguage	Available list of preferred languages
Provider	Active provider list (ID, provider name only: "lname, fname minitial")

## Sample Request Body

```
{
  "privateKey" : "ABCDEF0123456789abcdef",
  "facilityId": 8921,
  "selectionName": "DischargeStatus"
}
```

## Sample Response Body

```
{
  "CodeValues": [
    {
      "code": 0,
```

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```

    "value": "Treatment Complete (Inactive)",
    "sort": 0
  },
  {
    "code": 1,
    "value": "Active",
    "sort": 1
  },
  {
    "code": 2,
    "value": "Deceased",
    "sort": 2
  },
  {
    "code": 3,
    "value": "Unknown",
    "sort": 3
  }
],
"errorCode": 0,
"errorMessage": null,
"errors": null,
"warnings": null,
"requestId": "00000000-0000-0000-0000-000000000000"
}

```

**VisitListGet** – returns a list of encounters or visits for the given facility and patient; only includes visits for the current admission.

Only patients in the designated facility which the authenticated user has access will be returned.

HTTP POST

URL: <https://ihealintegrationapi.healogics.com/visitservice/api/v1/VisitListGet>

HEADER:

Content-Type application/json

*Table 17 VisitListGet request body*

privateKey	String; alpha-numeric	Required	Assigned to vendor at registration
masterToken	String; alpha-numeric	Required	Token obtained via Authenticate API; used

			in all subsequent API calls
userId	Numeric	Required	userId of the authenticated user obtained via Authenticate API
eventDateTime	Datetime	Optional	“yyyy-mm-ddThh:mm:ss”
facilityId	Numeric	Required	
patientId	Numeric	Required	From <i>PatientSearch</i> API

Table 18 *VisitListGet* response body

visits	Array of Object	Required	May be empty array; defined below Table 19 visit object
--------	-----------------	----------	---

Table 19 *visit* object

visitId	numeric	R+	
visitDateTime	DateTime	R+	Local time w/ utc offset
visitTypeCode	Numeric	R+	Values from <b>SelectionAdminGet</b> – returns a list of valid code table values for the given selection list name and facilityId; returns list of valid code & value. <i>VisitType</i> selection Name
visitTypeDescription	String	R+	
visitStatus	Numeric	R+	0 – active, 1 – complete, 2 - missed
locationId	Numeric	O	
locationDescription	String	C	
serviceLineId	Numeric	O	
serviceLineDescription	String	C	
providerId	Numeric	O	
providerFirstName	String	C	
providerLastName	String	C	
provider2Id	Numeric	O	
provider2FirstName	String	C	
provider2LastName	String	C	
clinicianId	Numeric	O	
clinicianFirstName	String	C	
clinicianLastName	String	C	
clinician2Id	Numeric	O	
clinician2FirstName	String	C	
clinician2LastName	String	C	

patient	Object	C	Present if patient not otherwise provided. <b>Error! Reference source not found.</b>
---------	--------	---	---

*Table 20 patientMini object*

patientId	numeric	Required	
patientFirstName	Alpha-numeric	Optional	
patientLastName	Alpha-numeric	Optional	
patientNumber	Alpha-numeric	Optional	
patientDOB	Date	Optional	
patientSex	String	Optional	M – Male, F - Female
weeksInTreatment	Numeric	Optional	
admissionDate	Date only	Optional	Date only field; patient admission date
preregistrationDate	Date only	Optional	Date only field; patient registration date
locationId	Numeric	Optional	
locationDescription	String	Conditionally Required	
serviceLineId	numeric	Optional	
serviceLineDescription	String	Conditionally Required	
inpatient	Object	Optional	Present if serviceLineId = 2 (inpatient); else null;

### Sample Request Body

```
{
  "privateKey" : "ABCDEF0123456789abcdef",
  "facilityId": 8921,
  "patientId": 12345
}
```

### Sample Response Body

```
{
  "visits": [
    {
      "visitId": 3153862,
      "visitDateTime": "2016-06-30T14:00:00-04:00",
      "visitTypeCode": 2,
      "visitTypeDescription": "Wound Care",
      "visitStatus": 0,
      "locationId": 1,
    }
  ]
}
```

```
"locationDescription": null,
"serviceLineId": 1,
"serviceLineDescription": "Outpatient",
"providerId": 150267,
"providerFirstName": "CMS123",
"providerLastName": "Diabeticfoot Test",
"provider2Id": 152810,
"provider2FirstName": "Berry",
"provider2LastName": "Allen",
"clinicianId": 2514,
"clinicianFirstName": "BARBARA",
"clinicianLastName": "HANNA",
"clinician2Id": 2488,
"clinician2FirstName": "Sara",
"clinician2LastName": "Gold",
"patient": {
  "patientId": 137159,
  "patientFirstName": "Felicia",
  "patientLastName": "Shelton",
  "patientMiddleName": "",
  "patientNumber": "CMS123_3",
  "patientDOB": "1982-02-01T00:00:00",
  "patientSex": "F",
  "weeksInTreatment": 376,
  "admissionDate": "2012-02-26T00:00:00",
  "preregistrationDate": "2012-02-26T00:00:00",
  "locationId": 1,
  "locationDescription": null,
  "serviceLineId": null,
  "serviceLineDescription": null,
  "inPatient": null
}
}},
"errorCode": 0,
"errorMessage": null,
"errors": null,
"warnings": null,
"requestId": "00000000-0000-0000-0000-000000000000"
}
```