



ONC Health IT Certification Program Developer Roundtable

March 9, 2022

ONC Health IT Certification Program

The Office of the National Coordinator for Health Information Technology



Please Note:

- The materials contained in this presentation are based on the provisions contained in 45 C.F.R. Parts 170 and 171. While every effort has been made to ensure the accuracy of this restatement of those provisions, this presentation is not a legal document. The official program requirements are contained in the relevant laws and regulations. Please note that other Federal, state and local laws may also apply.
- This communication is produced and disseminated at U.S. taxpayer expense.

Agenda

1. Opening Remarks
2. CHPL Navigation
3. Attestations Condition and Maintenance of Certification
4. API Resource Guide and Clarifications
5. Inferno Framework preview/ demonstration
6. Additional Support:
 - a) US Core Beta Test Blog Post
 - b) Certified Health IT Developer Inferno Office Hours

Opening Remarks



Rob Anthony, Director, Certification and Testing Division

Today's Speakers:

1. Nana Martinson, Public Health Analyst, Program Administration
2. Papia Paul, Public Health Analyst, Program Administration
3. John Bender, Public Health Analyst, Tools and Testing
4. Keith Carlson, Health IT Specialist, Tools and Testing
5. Scott Bohon, Public Health Analyst, Tools and Testing

Developer CHPL Navigation

Nana Martinson, Public Health Analyst



Certified Health IT Product List (CHPL) Overview

CHPL Background

- The CHPL is the authoritative, comprehensive listing of all health IT products that have been tested and certified under the ONC Health IT Certification Program.

<https://chpl.healthit.gov>

- Health IT products are listed on the CHPL after successfully being tested by an ONC Authorized Testing Laboratory (ONC-ATL) and certified by an ONC Authorized Certification Body (ONC-ACB).
- Contains data on certified health IT, including:
 - Certification criteria to which the health IT has been certified
 - Compliance activities and their corrective actions and resolutions
 - Clinical quality measures, usability testing results, program requirements, and more...
- Supports the use of certified health IT in Centers for Medicare & Medicaid Services (CMS) programs

Main CHPL Navigation Page



Certified Health IT Product List

[Search CHPL](#) [CMS ID Creator](#) [Compare Products](#) **CHPL Resources** [Shortcuts](#)

[Overview](#)
[CHPL Public User Guide](#)
[CMS ID Reverse Lookup](#)
[Download the CHPL](#)
[CHPL API](#)
[Contact Us](#)

LOGIN

Search by Developer, Product, or ONC-ACB/CHPL ID [Browse all](#)

[Restore previous search](#)

[API Info for 2015 Ed. Products](#) [SED Info for 2015 Ed. Products](#) [Products: Corrective Action](#)
[Decertified Products](#) [Real World Testing](#) [Inactive Certificates](#)
[Banned Developers](#) [Charts](#)

CHPL Listing Page



Certified Health IT Product List

[Search CHPL](#) [CMS ID Creator](#) [Compare Products](#) [CHPL Resources](#) [Shortcuts](#)

[ADMINISTRATOR LOGIN](#)

Search

Q Search by Developer, Product, or ONC-ACB/CHPL ID

[Certification Status](#) [Certification Edition](#) [Certification Criteria](#) [Compliance Activity](#) [More](#) [Download](#)

Please note that only active and suspended listings are shown by default. Use the Certification Status / Certification Edition filters above to display retired, withdrawn, terminated, or 2011 and 2014 edition listings.

[Browse all](#) | [Clear Filters](#) | [See 3 Previously Compared Listings](#) | [See 20 Previously Viewed Listings](#)

1 - 50 of 774 Results

Previous **1** 2 3 4 5 6 7 8 9 10 ... 16 Next

Edition	Developer	Product	Version	Certification Date	CHPL ID	Status	
2015	VIPA Health Solutions, LLC	24/7 smartEMR	7.1	Mar 28, 2019	15.04.04.2916.smar.07.01.1.190328	✓	Details Compare Cert ID
2015	MediReg, Inc.	abcEHR V	1	Sep 28, 2020	15.04.04.2799.abcE.01.00.1.200928	✓	Details Compare Cert ID
2015	Acelis Connected Health Technologies	Acelis Connected Health eSuite	11.3	May 17, 2019	15.04.04.3046.Acel.11.01.0.190517	✓	Details Compare Cert ID
2015	Accelerated Care Plus	ACPlus™	V1	Jan 29, 2020	15.04.04.3068.ACPI.01.00.0.200129	✓	Details Compare Cert ID
2015	Ocuco Limited	Acuitas activEHR	2.0	Apr 9, 2018	15.04.04.2087.Acui.02.00.1.180409	✓	Details Compare Cert ID
2015	AdvancedMD	AdvancedMD	21.3	Jan 31, 2022	15.04.04.2666.Adva.21.03.1.220131	✓	Details Compare Cert ID

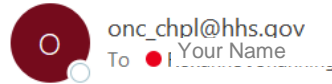


Developer CHPL Navigation

Email Invitation to create Developer User Account



CHPL Account Invitation



Sat 12/18/2021 1:59 PM

If there are problems with how this message is displayed, click here to view it in a web browser.

CHPL Account Invitation

Certified Health IT Product List (CHPL)

You've Been Invited to Join the CHPL

You have been granted a new user role on the Certified Health IT Product List (CHPL), which is administered by the Office of the National Coordinator for Health IT (ONC) Certification Program. Please click the link below to create or update your account:

[{Insert link}](#)

Note that the invitation link is valid for 3 days. If the link has expired, you can also submit a ticket to request a new invitation.

If you have any questions, or feel like you received this email in error, please let us know by submitting a ticket through ONC's [Health IT Feedback and Inquiry Portal](#).

Best,
The ONC CHPL Team

This is an automated email, please do not reply to this message. If there are any questions about this process, please visit the [Health IT Feedback and Inquiry Portal](#) to submit a ticket.
CHPL | © 2021 CHPL. All rights reserved.



Creating your Developer user account

User Registration

Welcome to ONC's Certified Health IT Product List (CHPL). You have been invited to be an Administrator, which will allow you to manage your organization's information on the CHPL. Please log in to your existing account to add any permissions and/or organizations, or create a new account by selecting the 'create a new account' button below.

Log in to your existing account

This warning banner provides privacy and security notices consistent with applicable federal laws, directives, and other federal guidance for accessing this Government system, which includes all devices/storage media attached to this system. This system is provided for Government-authorized use only. Unauthorized or improper use of this system is prohibited and may result in disciplinary action and/or civil and criminal penalties. At any time, and for any lawful Government purpose, the government may monitor, record, and audit your system usage and/or intercept, search and seize any communication or data transiting or stored on this system. Therefore, you have no reasonable expectation of privacy. Any communication or data transiting or stored on this system may be disclosed or used for any lawful Government purpose.

LOG IN TO YOUR ACCOUNT

If you require accessibility assistance, please visit the [Health IT Feedback and Inquiry Portal](#) and select "Certified Health IT Product List (CHPL)" to submit a ticket.

Or

Main CHPL Navigation page



Certified Health IT Product List



Hide navigation ▲

[Search CHPL](#) 🔍

[CMS ID Creator](#) ⏪

[Compare Products](#) ⏪

[CHPL Resources](#) ⏪

[Shortcuts](#) ⏪

Developers

YOUR NAME 👤



Search by Developer, Product, or ONC-ACB/CHPL ID

⋮ Browse all

⏪ Restore previous search

API Info for 2015 Ed. Products

SED Info for 2015 Ed. Products

Products: Corrective Action

Decertified Products

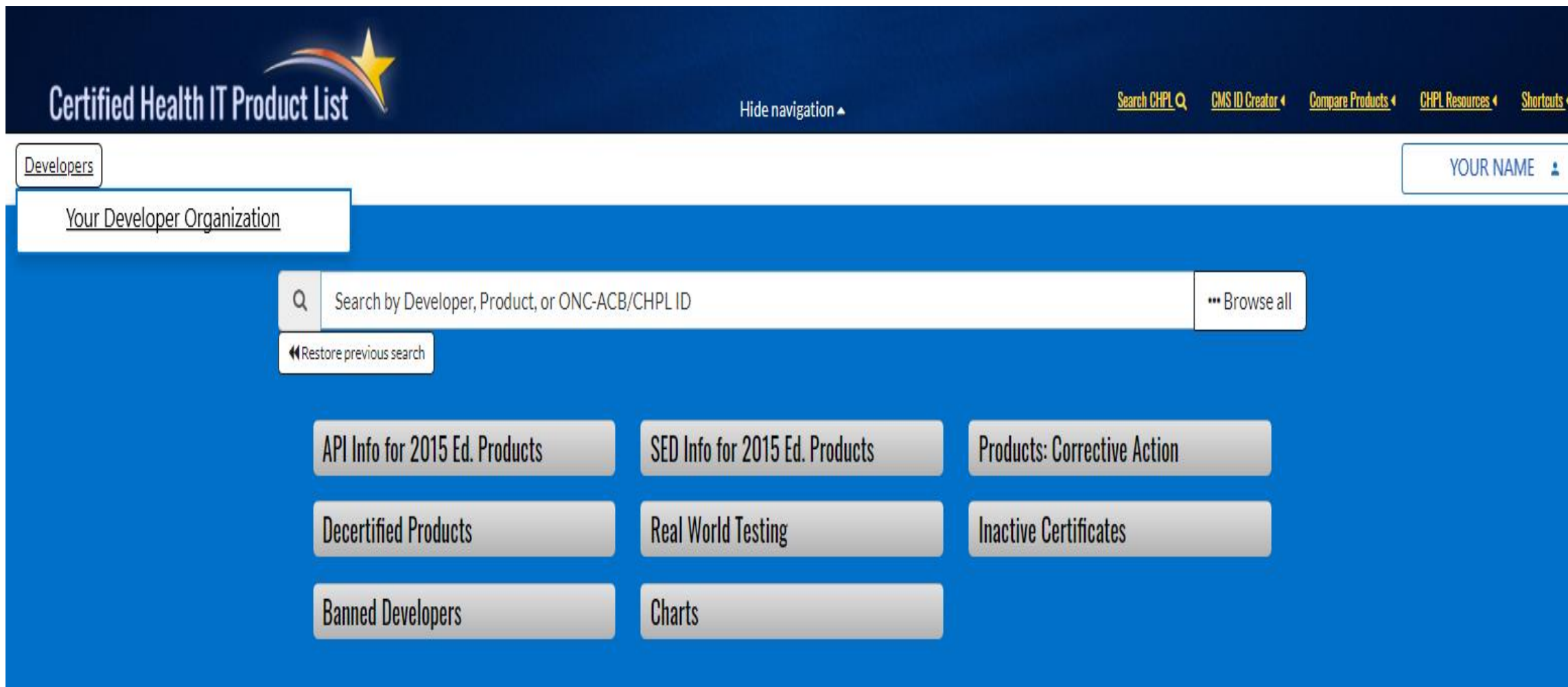
Real World Testing

Inactive Certificates

Banned Developers

Charts

Navigation to your Developer Organization Page



The screenshot displays the 'Certified Health IT Product List' website interface. At the top, the site title 'Certified Health IT Product List' is accompanied by a star logo. Navigation links include 'Hide navigation', 'Search CHPL', 'CMS ID Creator', 'Compare Products', 'CHPL Resources', and 'Shortcuts'. A user profile dropdown shows 'YOUR NAME'. The 'Developers' menu is active, with a sub-menu item 'Your Developer Organization' highlighted. Below this is a search bar with the placeholder text 'Search by Developer, Product, or ONC-ACB/CHPL ID' and a 'Browse all' button. A 'Restore previous search' button is also present. A grid of buttons provides access to various developer-related pages: 'API Info for 2015 Ed. Products', 'Decertified Products', 'Banned Developers', 'SED Info for 2015 Ed. Products', 'Real World Testing', 'Charts', 'Products: Corrective Action', and 'Inactive Certificates'.

Certified Health IT Product List

Hide navigation ▲

Search CHPL Q CMS ID Creator ◀ Compare Products ◀ CHPL Resources ◀ Shortcuts ◀

Developers

YOUR NAME

Your Developer Organization

Search by Developer, Product, or ONC-ACB/CHPL ID

Restore previous search

API Info for 2015 Ed. Products

Decertified Products

Banned Developers

SED Info for 2015 Ed. Products

Real World Testing

Charts

Products: Corrective Action

Inactive Certificates



Developer Organization Page

Developer Information

Your Developer Name

Developer code 9999	Self-developer Yes/No
Contact Contact Name Contact Phone Contact Email	Address Developer Address Developer City, State Zip code
Website Developer Website	
Active as of MMM DD, YYYY	

Attestations

Attestations information is displayed here if a health IT developer's attestation of compliance with the [Conditions and Maintenance of Certification requirements](#) was submitted. For more information, please visit the [Attestations Fact Sheet](#).

[SUBMIT ATTESTATIONS](#)

Manage Users (2)

SEARCH BY NAME, TITLE, OR EMAIL

Developer User #1

Email:	Last Login:
Role:	Account Locked: <input type="checkbox"/>
Organization:	Account Enabled: <input type="checkbox"/>
	Password change on next login: <input type="checkbox"/>

Developer User #2

Email:	Last Login:
Phone Number:	Account Locked: <input type="checkbox"/>
Role:	Account Enabled: <input type="checkbox"/>
Organization:	Password change on next login: <input type="checkbox"/>

Change Requests

ADVANCED SEARCH

FILTERS APPLIED Change Request Status Pending Developer Action Pending ONC-ACB Action

No results found

Direct Review Activities

(0 found)

No Direct Reviews have been conducted

Products

Surveillance: Unfiltered Certification Status: 7 of 8 selected

Your Product Name

1 active / 1 listing

1 Version

VERSION


All

CHPL PRODUCT NUMBER	CERTIFICATION STATUS	EDITION	# NON-CONFORMITIES	CERTIFICATION DATE
15.99.9999.1234.01.00.1.99999999	Active	2015 Cures Update	0 open / 0 closed	MMM DD, YYYY

Editing your User Account on CHPL




Manage Users (1)

FULL NAME, FRIENDLY NAME, TITLE, EMAIL, OR USER NAME 

Your Name

Email: example@email.com	Last Login: Jan 6, 2022 3:30:15 PM ET
Phone Number: (XXX)XXX-XXXX	Account Locked: <input type="checkbox"/>
Role: ROLE_DEVELOPER	Account Enabled: <input checked="" type="checkbox"/>
Organization: Developer Organization Name	Password change on next login: <input type="checkbox"/>






Inviting Additional Developer Users


Manage Users (1)

FULL NAME, FRIENDLY NAME, TITLE, EMAIL, OR USER NAME



Invite a User ×


EMAIL *

SEND INVITE 

Disabling Developer Users




Manage Users (1)

FULL NAME, FRIENDLY NAME, TITLE, EMAIL, OR USER NAME 

Your Name

Email: example@email.com	Last Login: Jan 6, 2022 3:30:15 PM ET
Phone Number: (XXX)XXX-XXXX	Account Locked: <input type="checkbox"/>
Role: ROLE_DEVELOPER	Account Enabled: <input checked="" type="checkbox"/>
Organization: Developer Organization Name	Password change on next login: <input type="checkbox"/>








Manage Users (1)

Edit User
example@email.com


User Information	Settings
FULL NAME * Your Name	<input type="checkbox"/> ACCOUNT LOCKED
FRIENDLY NAME	<input checked="" type="checkbox"/> ACCOUNT ENABLED
TITLE	<input type="checkbox"/> PASSWORD CHANGE ON NEXT LOGIN
PHONE NUMBER (XXX)XXX-XXXX	


CANCEL X SAVE  DELETE 

Password Management


YOUR NAME 

Your Name

LOG OUT 

CHANGE PASSWORD 



YOUR NAME 


Change password for Your Name

OLD PASSWORD *

NEW PASSWORD *


Awful

VERIFY PASSWORD *


CONFIRM NEW PASSWORD 


CANCEL X

Password Management – Forgot Password

ADMINISTRATOR LOGIN 

Login required


LOG IN 

FORGOT PASSWORD 


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ADMINISTRATOR LOGIN 

Login required

SEND RESET EMAIL 

CANCEL 

CHPL Developer User Guide



[Compare Products](#) ◀

CHPL Resources ▼

[Overview](#)

[CHPL Public User Guide](#) ⬇

[CHPL Developer User Guide](#) ⬇

[CMS ID Reverse Lookup](#)

[Download the CHPL](#)

[CHPL API](#)

[Contact Us](#)

Technical Assistance



[Compare Products](#) ◀

CHPL Resources ▼

[Overview](#)

[CHPL Public User Guide](#) ⬇

[CHPL Developer User Guide](#) ⬇

[CMS ID Reverse Lookup](#)

[Download the CHPL](#)

[CHPL API](#)

[Contact Us](#)

Attestations Condition and Maintenance of Certification

Papia Paul, Public Health Analyst

Who Is Required to Submit Attestations?

CONDITION OF CERTIFICATION

- A Certified Health IT Developer **must** provide an attestation, as applicable, to compliance with the Conditions and Maintenance of Certification.

MAINTENANCE OF CERTIFICATION

- Certified Health IT Developers **must** submit their attestations every six months
- Attestation window open for 30 days

First Attestation Window:

April 1-30, 2022

Attestation Period:

June 30, 2020 – March 31, 2022

Attestations CCG: <https://www.healthit.gov/condition-ccg/attestations>

What Are Attestations?

Attestations are an indication of **compliance**, **noncompliance**, or **inapplicability** as they apply to Certified Health IT Developers for the following Conditions and Maintenance of Certification requirements:

1. Information Blocking Condition of Certification requirement described in [45 CFR 170.401](#)
2. Assurances Condition and Maintenance of Certification requirements described in [45 CFR 170.402](#)
3. Communications Condition and Maintenance of Certification requirements described in [45 CFR 170.403](#)
4. Application Programming Interfaces (APIs) Condition and Maintenance of Certification requirements described in [45 CFR 170.404](#)
5. Real World Testing Condition and Maintenance of Certification requirements described in [45 CFR 170.405](#)

Submitting Attestations

Certified Health IT Product List (CHPL) Access

- Certified Health IT Developers submit their attestations to ONC-Authorized Certification Bodies (ONC-ACBs) for review using the [Certified Health IT Product List \(CHPL\)](#).
- ONC-ACB reviews attestations submissions for completeness and subsequent submission to ONC for public availability.

Authorized Submitters

- Attestations must be approved and submitted by an officer, employee, or other representative the Certified Health IT Developer has authorized to make binding attestations on its behalf.
 - The registered CHPL user submitting the attestation on behalf of the health IT developer should be authorized to do so.
 - The authorized submitter will need their own CHPL account to complete and submit the attestations.

Attestations Submission Language



Instructions

Attestation Period: [Dates of Attestation Period]

As a health IT developer of certified health IT that had an active certification under the ONC Health IT Certification Program at any time during the Attestation Period, please indicate your compliance, noncompliance, or the inapplicability of each Condition and Maintenance of Certification requirement for the portion of the Attestation Period you had an active certification.

Select only one response for each statement.

Companion Resource

[Attestations Certification Companion Guide](#)

Attestation Statements (PREVIEW)



Statements

1) Information Blocking

We attest to compliance with the Information Blocking Condition of Certification requirement described in [45 CFR 170.401](#).

- Compliant
- Noncompliant

Companion Resources

[Information Blocking Certification Companion Guide](#)

[Information Blocking Fact Sheet](#)

Attestation Statements (PREVIEW)



Statements (cont.)

2) Assurances

We attest to compliance with the Assurances Condition and Maintenance of Certification requirements described in [45 CFR 170.402](#).

- o Compliant with the requirements of 45 CFR 170.402; certifies to the criterion at 45 CFR 170.315(b)(10) and provides all of its customers of certified health IT with health IT certified to the certification criterion in 45 CFR 170.315(b)(10).
- o Compliant with the requirements of 45 CFR 170.402; does not certify to the criterion at 45 CFR 170.315(b)(10) or does not provide all of its customers of certified health IT with health IT certified to the certification criterion in 45 CFR 170.315(b)(10).
- o Noncompliant

Companion Resource

[Assurances Certification Companion Guide](#)

Attestation Statements (PREVIEW)



Statements (cont.)

3) Communications

We attest to compliance with the Communications Condition and Maintenance of Certification requirements described in [45 CFR 170.403](#).

- Compliant
- Noncompliant

Companion Resource

[Communications Certification Companion Guide](#)

Attestation Statements (PREVIEW)



Statements (cont.)

4) Application Programming Interfaces (APIs)

We attest to compliance with the APIs Condition and Maintenance of Certification requirements described in [45 CFR 170.404](#).

- Compliant
- Noncompliant
- Not Applicable

Companion Resources

[API Certification Companion Guide](#)

[API Resource Guide](#)

Attestation Statements (PREVIEW)



Statements (cont.)

5) Real World Testing

We attest to compliance with the Real World Testing Condition and Maintenance of Certification requirements described in [45 CFR 170.405](#).

- Compliant
- Noncompliant
- Not Applicable

Companion Resources

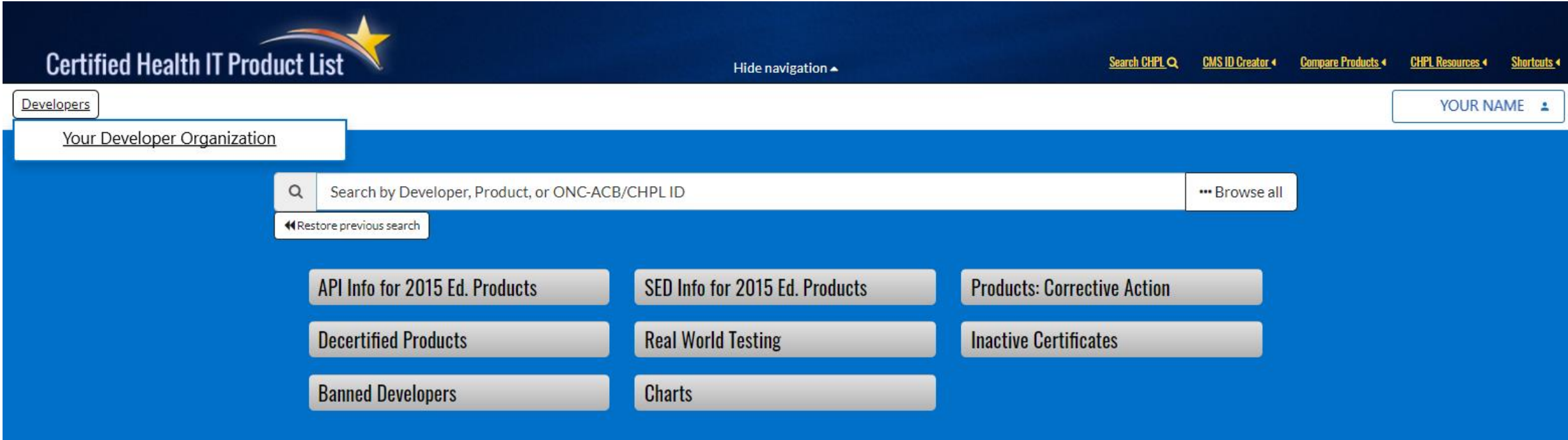
[Real World Testing Certification Companion Guide](#)

[Real World Testing Fact Sheet](#)

Attestations Submission

CHPL Workflow as of April 1, 2022

Attestations Submission – Navigating to the Developer Information



The screenshot displays the CHPL website interface. At the top, the header includes the CHPL logo, a "Hide navigation" button, and a navigation menu with links for "Search CHPL", "CMS ID Creator", "Compare Products", "CHPL Resources", and "Shortcuts". A user profile dropdown shows "YOUR NAME". The main content area features a "Developers" menu item, a search bar with the placeholder "Search by Developer, Product, or ONC-ACB/CHPL ID", and a "Browse all" button. Below the search bar are several buttons for navigation: "API Info for 2015 Ed. Products", "Decertified Products", "Banned Developers", "SED Info for 2015 Ed. Products", "Real World Testing", "Charts", "Products: Corrective Action", and "Inactive Certificates".

1. Log in to the [Certified Health IT Product List \(CHPL\)](#).
2. Use the “**Developers**” menu to select the developer organization.

Attestations Submission – Developer Information Overview

Developer Information

Your Developer Name

Developer code
9999

Self-developer
Yes/No

Contact
Contact Name
Contact Phone
Contact Email

Address
Developer Address
Developer City, State Zip code

Website
Developer Website

Active as of MMM DD, YYYY

1

Attestations

Attestations information is displayed here if a health IT developer's attestation of compliance with the [Conditions and Maintenance of Certification requirements](#) was submitted. For more information, please visit the [Attestations Fact Sheet](#).

SUBMIT ATTESTATIONS

2

Manage Users (2)

SEARCH BY NAME, TITLE, OR EMAIL

Developer User #1

Email: **Last Login:**

Role: **Account Locked:**

Organization: **Account Enabled:**

Password change on next login:



Developer User #2

Email: **Last Login:**

Phone Number: **Account Locked:**

Role: **Account Enabled:**

Organization: **Password change on next login:**



Change Requests

3

ADVANCED SEARCH

FILTERS APPLIED Change Request Status

No results found

Direct Review Activities

(0 found)

No Direct Reviews have been conducted

Products

Surveillance: Unfiltered Certification Status: 7 of 8 selected

Your Product Name

1 active / 1 listing

1 Version

VERSION

All

CHPL PRODUCT NUMBER	CERTIFICATION STATUS	EDITION	# NON-CONFORMITIES	CERTIFICATION DATE
15.99.9999.1234.01.00.1.99999999	Active	2015 Cures Update	0 open / 0 closed	MMM DD, YYYY

From the organization's Developer Page, a developer user can:

1. Submit Attestations
2. Manage Users
3. View Change Requests

Submitting Attestations (1/5)

Developer Information

Your Developer Name

Developer code: 9999 Self-developer: Yes/No

Contact: Contact Name, Contact Phone, Contact Email Address: Developer Address, Developer City, State Zip code

Website: Developer Website

Active as of: MMM DD, YYYY

Change Requests

ADVANCED SEARCH

FILTERS APPLIED: Change Request Status: Pending Developer Action, Pending ONC-ACB Action

No results found

Direct Review Activities

(0 found)

No Direct Reviews have been conducted

Attestations

Attestations information is displayed here if a health IT developer's attestation of compliance with the [Conditions and Maintenance of Certification requirements](#) was submitted. For more information, please visit the [Attestations Fact Sheet](#).

SUBMIT ATTESTATIONS

Manage Users (2)

SEARCH BY NAME, TITLE, OR EMAIL

Developer User #1

Email: Last Login:

Role: Account Locked:

Organization: Account Enabled:

 Password change on next login:

Developer User #2

Email: Last Login:

Phone Number: Account Locked:

Role: Account Enabled:

Organization: Password change on next login:

Products

Surveillance: Unfiltered Certification Status: 7 of 8 selected

Your Product Name: 1 active / 1 listing 1 Version

VERSION: All

CHPL PRODUCT NUMBER	CERTIFICATION STATUS	EDITION	# NON-CONFORMITIES	CERTIFICATION DATE
15.99.9999.1234.01.00.1.99999999	Active	2015 Cures Update	0 open / 0 closed	MMM DD, YYYY

To submit Attestations, begin by selecting "Submit Attestations" on the Attestations component.

Submitting Attestations (2/5)

Submit Attestations

1
Introduction

2
Attestations

3
Electronic Signature

4
Confirmation

< BACK
NEXT >

Section 1 – Introduction

The Conditions and Maintenance of Certification requirements, as outlined in 42 U.S.C. 11200j-1 (a)(5)(D), are initial and ongoing requirements that a health IT developer of certified health IT and its certified Health IT Modules must adhere to in order to maintain their certification status in the ONC Health IT Certification Program (Certification Program).

A health IT developer of certified health IT, or its authorized representative that is capable of binding the health IT developer, must provide the Secretary of Health and Human Services an attestation of compliance with the Conditions and Maintenance of Certification requirements ([45 CFR 170.406; 85 FR 25781](#)). ONC-Authorized Certification Bodies (ONC-ACBs) review and submit attestations to ONC for public availability ([45 CFR 170.523\(g\)](#)).

Please proceed to review the Attestation to attest to the compliance, noncompliance, or the inapplicability of each Condition and Maintenance of Certification requirement for your health IT developer of certified health IT.

Irrespective of your attestation, note that in certain circumstances ONC may directly review the actions or practices of a health IT developer of certified health IT, its certified health IT, or its certified Health IT Modules to determine whether they conform to the requirements of the Certification Program ([45 CFR 170.580\(a\)\(2\)](#)). Determinations made pursuant to such review may, as necessary, result in corrective action and enforcement procedures under the Certification Program.

For assistance with the Attestation submission process, please see the [Health IT Feedback and Inquiry Portal](#) to submit a ticket as applicable --

- For questions regarding the Attestations Condition and Maintenance of Certification requirement, please select the "Attestations Condition" category.
- For questions regarding a Condition and Maintenance of Certification requirement other than Attestations, please select the relevant Condition category.
- For technical assistance with this process, please select the "CHPL" category.

CANCEL X

The Attestations submission is set up as a wizard with four steps:

1. Introduction
2. Attestations
3. Electronic Signature
4. Confirmation

Submitting Attestations (3/5)

Submit Attestations

1
Introduction

2
Attestations

3
Electronic Signature

4
Confirmation

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Section 2 – Attestations

Attestation Period: Jun 30, 2020 to Mar 31, 2022

As a health IT developer of certified health IT that had an active certification under the ONC Health IT Certification Program at any time during the Attestation Period, please indicate your compliance, noncompliance, or the inapplicability of each Condition and Maintenance of Certification requirement for the portion of the Attestation Period you had an active certification.

Select only one response for each statement.

1: INFORMATION BLOCKING

We attest to compliance with the Information Blocking Condition of Certification requirement described in [45 CFR 170.401](#).

Compliant

Noncompliant

2: ASSURANCE

We attest to compliance with the Assurance Condition and Maintenance of Certification requirements described in [45 CFR 170.402](#).

Compliant with the requirements of 45 CFR 170.402 ; certifies to the criterion at 45 CFR 170.315(b)(10) and provides all of its customers of certified health IT with health IT certified to the certification criterion in 45 CFR 170.315(b)(10)

Compliant with the requirements of 45 CFR 170.402 ; does not certify to the criterion at 45 CFR 170.315(b)(10) or does not provide all of its customers of certified health IT with health IT certified to the certification criterion in 45 CFR 170.315(b)(10)

Noncompliant

3: COMMUNICATIONS

We attest to compliance with the Communications Condition and Maintenance of Certification requirements described in [45 CFR 170.403](#).

Compliant

CANCEL X

The Attestations section requires a response to each of the five Attestation statements.

The requirements for each statement can be referenced by clicking the link to the associated citation.

Once all attestations have been completed, the developer user can proceed to the next step.

Submitting Attestations (4/5)

Submit Attestations

✓
Introduction

✓
Attestations

3
Electronic Signature

4
Confirmation

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Section 3 – Electronic Signature

As a health IT developer of certified health IT, or as an authorized representative thereof capable of binding the health IT developer, I certify the Attestations to the Secretary of Health and Human Services provided here are true and correct to the best of my knowledge and belief. I understand that under certain circumstances ONC may directly review the actions and practices of a health IT developer of certified health IT, or its certified health IT, to determine whether they conform to the requirements of the Certification Program. This may result in corrective action and enforcement procedures under the Certification Program as necessary.

I also understand that submitting a false attestation may subject my company and me to liability under Federal law.

Typing your name below signifies you are completing the Attestations using an electronic signature. To continue with the electronic signature process, please enter your name and click the "Sign Electronically" button to confirm and submit the Attestations to your ONC-Authorized Certification Body (ONC-ACB) for review.

NAME:

Submitter's Name

HEALTH IT DEVELOPER:

Your Developer Name

ELECTRONIC SIGNATURE:

Submitter's Name

Enter your name as it appears above

DATE:

Apr 1, 2022

SIGN ELECTRONICALLY

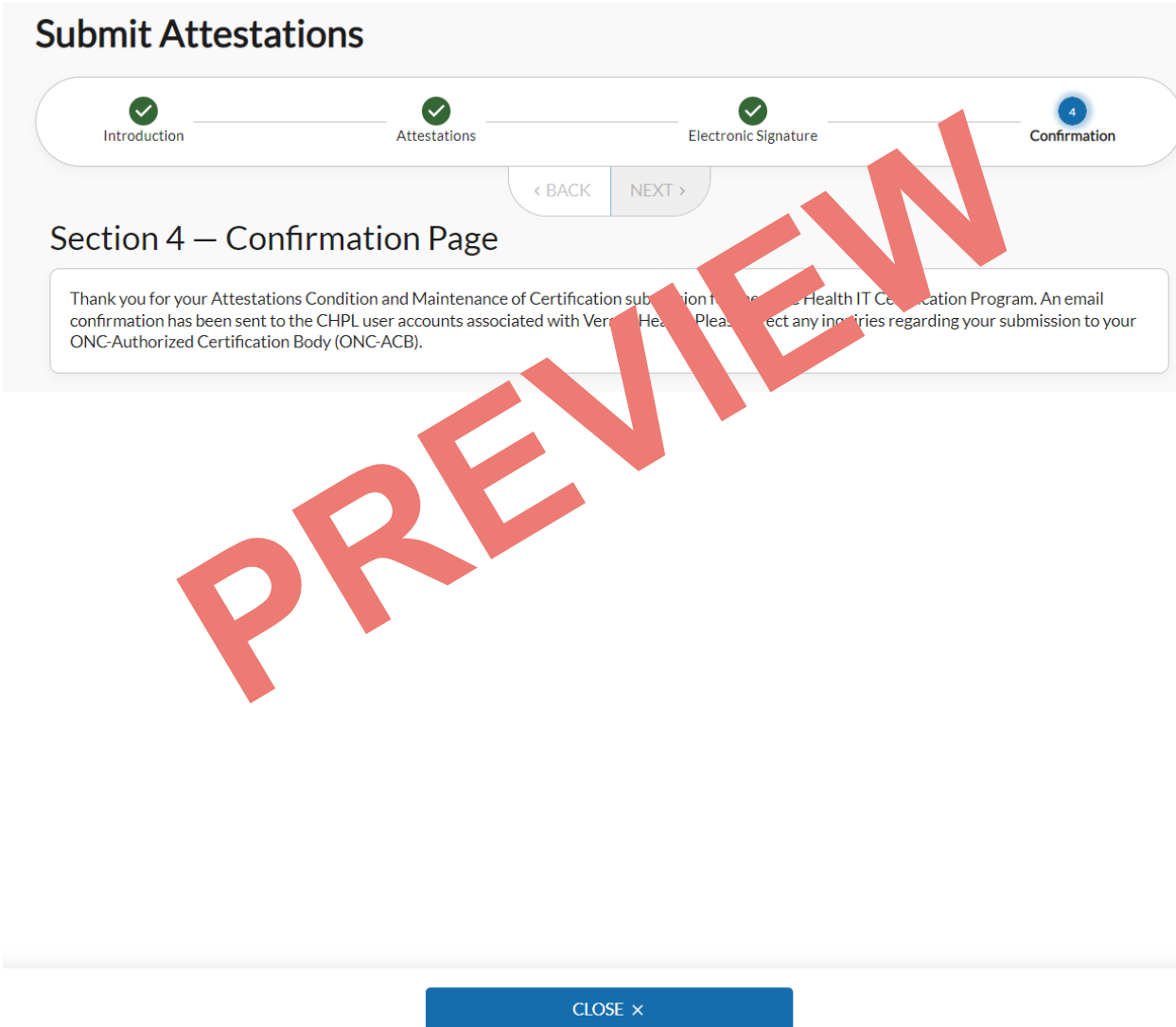
CANCEL x

The Electronic Signature section confirms the person submitting the Attestations is an authorized submitter for the developer organization.

The “Sign Electronically” button will be activated once the name in the “Electronic Signature” box matches the submitter’s name as displayed above.

Click **“Sign Electronically”** to complete the process.

Submitting Attestations (5/5)



Submit Attestations

Introduction Attestations Electronic Signature **4 Confirmation**

< BACK NEXT >

Section 4 – Confirmation Page

Thank you for your Attestations Condition and Maintenance of Certification submission to the Health IT Certification Program. An email confirmation has been sent to the CHPL user accounts associated with your Health IT Certification Program. Please direct any inquiries regarding your submission to your ONC-Authorized Certification Body (ONC-ACB).

PREVIEW

CLOSE x

The Submit Attestations section confirms the Attestations have been submitted.

An email confirmation will also be sent to all registered CHPL users associated with the developer organization at the time of the submission.

Attestations are submitted to ONC-ACBs for completeness review and subsequent submission to ONC.

Certified Health IT Developers should direct any inquiries regarding their submitted attestations to their respective ONC-ACB.

Attestations Submission – Public View

Developer Information

Your Developer Name

Developer code
9999

Self-developer
Yes/No

Contact
Contact Name
Contact Phone
Contact Email

Address
Developer Address
Developer City, State Zip code

Website
Developer Website

Active as of MMM DD, YYYY

Direct Review Activities

(0 found)

No Direct Reviews have been conducted

Products



Your Product Name

1 active / 1 listing

1 Version

VERSION

All

CHPL PRODUCT NUMBER	CERTIFICATION STATUS	EDITION	# NON-CONFORMITIES	CERTIFICATION DATE
15.99.9999.1234.01.00.1.99999999	Active	2015 Cures Update	0 open / 0 closed	MMM DD, YYYY

Attestations

Attestations information is displayed here if a health IT developer's attestation of compliance with the [Conditions and Maintenance of Certification requirements](#) was submitted. For more information, please visit the [Attestations Fact Sheet](#).

Attestation Period	Status
Jun 30, 2020 to Mar 31, 2022	Attestations Submitted

If accepted for submission to ONC, the “Attestations” status on the developer organization’s CHPL page will update to publicly indicate the attestations have been submitted for the relevant attestation period.

Attestations Resources



- Attestations Condition and Maintenance of Certification Fact Sheet
 - Available prior to April 1, 2022
- CHPL Developer User Guide – Attestations Update
 - Available as of April 1, 2022
- Conditions and Maintenance of Certification
 - <https://www.healthit.gov/topic/certification-ehrs/conditions-maintenance-certification>
- Certified Health IT Product List (CHPL)
 - <https://chpl.healthit.gov/#/resources/overview>
- ONC 21st Century Cures Act Final Rule
 - <https://www.healthit.gov/curesrule/>
- ONC 21st Century Cures Act Final Rule Resources
 - <https://www.healthit.gov/curesrule/resources/fact-sheets>
- ONC Certification Program Resources
 - <https://www.healthit.gov/topic/certification-ehrs/certification-resources>
- 2015 Edition Cures Update Certification Criteria
 - <https://www.healthit.gov/topic/certification-ehrs/2015-edition-cures-update-test-method>

Attestations Resources (cont.)



For assistance with the Attestations submission process, please see the [Health IT Feedback and Inquiry Portal](#) to submit a ticket under “**ONC Health IT Certification**” as applicable –

- For questions regarding the Attestations Condition and Maintenance of Certification requirement, please select the “**Attestations Condition**” category.
- For questions regarding a Condition and Maintenance of Certification requirement other than Attestations, please select the **relevant Condition** category.
- For technical assistance with this process, please select the “**CHPL**” category.

Note, Certified Health IT Developers that have open inquiries within the Portal are not exempt from meeting ONC deadlines for completing their submissions.



API Resource Guide and Clarifications

Keith Carlson, IT Specialist, Tools and Testing

Recent API Clarifications



Clarifications

- Access Token revocation
- PKCE clarification
- Capability URLs clarification

Inferno Framework Announcement / Demonstration

Johnny Bender, Public Health Analyst

Inferno Framework Announcement / Demo

Inferno Framework

- Overview, features (Docs, web UI, JSON API)

ONC (g)(10) Standardized API Test Kit (*Release 2.0.0*)

- *Demo*, features, updates
- ONC has taken special care to ensure that the test scenarios are the same between versions
- Release 2.0.0 also includes two enhancements (PKCE and Bulk FHIR Capability URIs)
- Timeline:
 - Launched on 3/8/2022 (*see Health IT Buzz Blog*)
 - ONC recommends ATLS support Inferno Program Edition (Release 1.9.0) for at least one Inferno release cycle (~one month)
 - ONC will continue to host both Release 2.0.0 and Release 1.9.0 on inferno.healthit.gov for at least two Inferno release cycles (~two months)



A rigorous and extensible testing utility for HL7 FHIR and beyond

ONC Health IT Certification Program

The Office of the National Coordinator for Health Information Technology



Test Kits

US Core Test Kit

- Test Suites

Packages/Libraries

Extensible utility

- Generic data generation
- Generic reference server

Test Kits

(g)(10) Test Kit

- Test Suites
- Reference Server
- Test Data Generator

Packages/Libraries

Extensible utility

- Tool integration, etc.



- Ruby Core Domain Specific Language Definitions
- Test Engine
- JSON API
- Web User Interface
- Command Line User Interface

**Work in progress; concepts may change*

Updated Inferno Homepage



Tools & Testing Branch - Develop... x Developer-Roundtable_2022-03... x ONC Inferno Testing x Inferno x Home - Inferno x +

inferno.healthit.gov

Apps Rulemaking Standards Jira Inferno Sharepoint Box ccg sme Zulip SITE calendar FHIR28

Reading list

ONC HOSTED TESTS AND UTILITIES

ONC Health IT Certification Program

ONC maintains and hosts an open source certification testing kit for systems seeking to meet the requirements of the Standardized API for Patient and Population Services criterion § 170.315(g)(10) in the 2015 Edition Cures Update.

(g)(10) Standardized API Test Kit

(Legacy) Inferno Program Edition

Other Tests and Utilities

ONC curates a set of tests and utilities for select standards and implementation guides.

Additional FHIR Tests

(Legacy) Inferno Community Edition

FHIR Resource Validator

INFERNO DEVELOPMENT FRAMEWORK

Inferno Framework

The Inferno Framework is a standards conformance testing framework. You can use it to develop tests for your own use cases, like HL7 FHIR implementation Guide conformance testing.

The building blocks of Inferno Framework include 'Inferno Core' and 'Test Kits'. You can get started building your own tests using the 'Test Kit' template repository on Github here.

Learn More

12:41 PM 3/7/2022

Inferno Framework Documentation



Inferno

Search Inferno

Ruby API Docs JSON API Swagger Docs

Inferno

Everything you need to create, execute and share tests for health IT systems providing standardized FHIR APIs.

[Get started now](#) [Read the Docs](#) [View it on GitHub](#)

Simple to Read, Simple to Write

Inferno tests are written in a Ruby DSL, with a focus on readability. Inferno provides tools for easily testing FHIR APIs, including robust support for FHIR Resource validation.

```
test do
  title 'Server returns requested Patient resource from the Patient read interaction'
  description %(
    Verify that Patient resources can be read from the server.
  )

  input :patient_id
  # Named requests can be used by other tests
  makes_request :patient

  run do
    fhir_read(:patient, patient_id, name: :patient)

    assert_response_status(200)
    assert_resource_type(:patient)
    assert_resource.id == patient_id,
      "Requested resource with id #{patient_id}, received resource with id #{resource.id}"
  end
end
```

This site uses [Just the Docs](#), a documentation theme for Jekyll.

A Web UI, Out of the Box

12:38 PM
3/7/2022

ONC (g)(10) Standardized API Test Kit



The screenshot shows a web browser window displaying the ONC Certification (g)(10) Standardized API v.2.0.0 interface. The browser tabs include 'Tools & Testing Branch - Develop', 'Developer-Roundtable_2022-03', 'ONC Inferno Testing', 'Inferno', and 'Home - Inferno'. The address bar shows the URL 'inferno.healthit.gov/suites/test_sessions/68047ccf-c01c-44a1-9114-56f6abcdbdfc5'. The page header includes 'ONC Certification (g)(10) Standardized API v.2.0.0' and buttons for 'USE PREDEFINED INPUT' and 'NEW SESSION'.

The main content area is titled 'ONC Certification (g)(10) Standardized API' and features a 'RUN ALL TESTS' button. The text explains that this test kit is for Health Level 7 (HL7®) Fast Healthcare Interoperability Resources (FHIR®) services and is the successor to the 'Inferno Program Edition'. It provides instructions for registering the Inferno client as a SMART App, including the following information:

- SMART Launch URI: <https://inferno.healthit.gov/suites/custom/smart/launch>
- OAuth Redirect URI: <https://inferno.healthit.gov/suites/custom/smart/redirect>

For the multi-patient API, it also provides the JWK Set Url:

- https://inferno.healthit.gov/suites/custom/g10_certification/.well-known/jwks.json

Systems must pass all tests in order to qualify for ONC certification.

The interface includes a sidebar with a list of tests under '(G)(10) STANDARDIZED API':

- 1 Standalone Patient App
- 2 Limited Access App
- 3 EHR Practitioner App
- 4 Single Patient API
- 5 Multi-Patient API
- 6 Additional Tests
 - 6.1 SMART Public Client Launch
 - 6.2 Token Revocation
 - 6.3 SMART Invalid AUD Launch
 - 6.4 SMART Invalid Launch Parameter
 - 6.5 SMART Invalid Token Request
 - 6.6 Visual Inspection

At the bottom of the page, it states 'built using INFERNO VERSION 0.2.0'. The Windows taskbar at the bottom shows the time as 12:39 PM on 3/7/2022.

US Core 4.0.0 Beta Testing

Scott Bohon, Public Health Analyst, Tools and Testing



ONC (g)(10) Standardized API Test Kit

US Core 4.0.0 beta testing

Inferno will support US Core 4.0.0 beta testing

Announcement and details in the [ONC Health IT Buzz Blog post](#)

Timeline: begins at the end of March / early April

Expectations for beta testers:

- (minimum) Walk through US Core 4.0.0 beta Inferno tests using the Inferno reference server
- (minimum) Provide feedback on US Core 4.0.0 beta Inferno tests
- (optional encouraged) Use the US Core 4.0.0 beta test suite in Inferno to test their implementations of US Core 4.0.0
- (optional encouraged) We understand that the level of involvement will vary for each beta tester. We are open to establishing regular touchpoints (bi-weekly, monthly, one-time, etc.) once the US Core 4.0.0 beta testing begins.

Interested? Email: ONC.Certification@hhs.gov



Inferno Health IT Developer Office Hours

Inferno Health IT Developer Office Hours

ONC will be hosting Inferno office hours for Health IT developers

Goal is to provide information and answer questions about Inferno

Agenda includes:

- Overview of the new Inferno framework
- Walkthrough of the new ONC certification test kit for the (g)(10) Standardized API criterion

Schedule:

- Four Fridays 2:00 – 3:00 pm ET in March and April
 - 3/18, 3/25, 4/1, 4/8

Discussion

*Please use the Raise Hand function

Please share your health IT-related feedback or concerns that you wish to bring to ONC's attention

Welcome to the Health IT Feedback and Inquiry Portal

Complaints



Report Information Blocking



Health IT Safety



Certified Health IT

Questions



Information Blocking



ONC Health IT Certification



Trusted Exchange Framework and
Common Agreement (TEFCA)



Health IT Standards



Privacy and Security



Security Risk Assessment (SRA)
Tool



Medical Records Access



ONC Events and Media



Other

<https://inquiry.healthit.gov>