GENERAL INFORMATION

Plan Report ID Number: [For ONC-Authorized Certification Body use only]

Developer Name: Orion Health

Product Name(s): Communicate

Version Number(s): 2.4

Certified Health IT Product List (CHPL) Product Number(s): 15.04.04.2113.Comm.23.01.0.210305

Developer Real World Testing Plan Page URL: https://orionhealth.com/us/support/disclosures/onc-hit-certification-communicate/

Developer Real World Testing Results Report Page URL [if different from above]:

SUMMARY OF TESTING METHODS AND KEY FINDINGS

Provide a summary of the Real World Testing methods deployed to demonstrate real-world interoperability, including any challenges or lessons learned from the chosen approach. Summarize how the results that will be shared in this report demonstrate real-world interoperability.

If any non-conformities were discovered and reported to the ONC-ACB during testing, outline these incidences and how they were addressed.

Note: A single Real World Testing results report may address multiple products and certification criteria for multiple care settings.

Testing will cover the accreditation required interfaces along with data and payload standards conformity. This will demonstrate support for all required Edge Interfaces, compliance with message success and failure scenarios according to Direct Trust standards as well as correct handling of all cryptographic requirements. We will demonstrate this support in our live Production environment using a combination of client sent messages as well as internal testing when clients are not able to create adequate positive or negative test scenarios.
Testing will also demonstrate capability to successfully exchange data with other accredited HISPs.
This allows us to demonstrate support for compliant systems using our HISP solution, as well as correct handling for any non-compliant systems, in a secure manner which allows the exchange of data to be performed with other participants and HISPs. It also covers all Care Settings currently using the Orion Health Communicate solution.

STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))

Both required and voluntary standards updates must be addressed in the Real World Testing plan. Real World Testing plans must include all certified health IT updated to newer versions of standards prior to August 31 of the year in which the updates were made.

Indicate as to whether optional standards, via SVAP and/or USCDI, are leveraged as part of the certification of your health IT product(s).

[ ] Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below.

[x] No, none of my products include these voluntary standards.

Standard (and version)	ONC Health IT 2015 Edition
Updated certification criteria and associated product	170.315 (h)(2): Direct Project, Edge Protocol, and XDR/XDM Orion Health Ltd. Communicate
CHPL Product Number	15.04.04.2113.Comm.23.01.0.210305
Conformance measure	N/A

Care Setting(s)

The expectation is that a developer's Real World Testing is conducted within each type of clinical setting in which their certified health IT is marketed. Health IT developers are not required to test their certified health IT in every setting in which it is marketed for use.

List each care setting that was tested.

Site with XDR compliant EHR system, e.g. a Hospital

Site using Webmail or other mail client solution, e.g. a General Practice site

Metrics and Outcomes

Health IT developers should detail outcomes from their testing that successfully demonstrate that the certified health IT:

1. is compliant with the certification criteria, including the required technical standards and vocabulary codes sets;
2. is exchanging electronic health information (EHI) in the care and practice settings for which it is marketed for use; and/or,
3. EHI is received by and used in the certified health IT.

(from 85 FR 25766)

Health IT developers could also detail outcomes that did <u>not</u> result from their measurement approach if that better describes their efforts.

Within this section, health IT developers should also describe how the specific data collected from their Real World Testing measures demonstrate their results. Where possible, context should be provided to the measures and results to understand the number of sites/users/transactions tested for the specified

measures (i.e., the denominator for comparison to the reported results). If applicable, any Relied Upon Software that is used to meet a criterion's requirements should be included in this section.

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Send	*Paragraph (h)(2)(i)(A) – Send*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive	*Paragraph (h)(2)(i)(A) – Receive*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send using Direct + XDM	*Paragraph (h)(2)(i)(B) – Send using Direct + XDM*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send conversion using XDR	*Paragraph (h)(2)(i)(B) – Send conversion using XDR*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive using Direct + XDM	*Paragraph (h)(2)(i)(B) – Receive using Direct + XDM*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive conversion using XDR	*Paragraph (h)(2)(i)(B) – Receive conversion using XDR*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send Using Edge Protocol for IHE XDR profile for Limited Metadata Document Sources	*Paragraph (h)(2)(i)(C) – Send Using Edge Protocol for IHE XDR profile for Limited Metadata*	https://ett.healthit.gov/ett/#/edge	Success	N/A

	Document Sources			
Send Using Edge Protocol for SMTP	*Paragraph (h)(2)(i)(C) – Send Using Edge Protocol for SMTP*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send Using Edge Protocol for IMAP (SMTP Alternative)	*Paragraph (h)(2)(i)(C) – Send Using Edge Protocol for IMAP (SMTP Alternative)*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive Using Edge Protocol for IHE XDR profile for Limited Metadata Document Sources	*Paragraph (h)(2)(i)(C) – Receive Using Edge Protocol for IHE XDR profile for Limited Metadata Document Sources*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive Using Edge Protocol for SMTP	*Paragraph (h)(2)(i)(C) – Receive Using Edge Protocol for SMTP*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send (Acknowledgements)	*Paragraph (h)(2)(ii) – Send*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive (Acknowledgements)	*Paragraph (h)(2)(ii) – Receive*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send (Enhanced Testing – v1.2)	*Paragraph (h)(2)(i)(A) – Send*	https://ett.healthit.gov/ett/#/edge	Success	N/A

Receive (Enhanced Testing – v1.2)	*Paragraph (h)(2)(i)(A) – Required Enhanced Testing, Receive*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Send (Enhanced Testing – XDR and XDM)	*Paragraph (h)(2)(i)(B) – Send*	https://ett.healthit.gov/ett/#/edge	Success	N/A
Receive (Enhanced Testing – XDR and XDM)	*Paragraph (h)(2)(i)(B) – Required Enhanced Testing, Receive*	https://ett.healthit.gov/ett/#/edge	Success	N/A

KEY MILESTONES

Include a list of key milestones that were met during the Real World Testing process. Include details on how and when the developer implemented measures and collected data. Key milestones should be relevant and directly related to outcomes discussed.

For each key milestone, describe when Real World Testing began in specific care settings and the date/timeframe during which data was collected.

Key Milestone	Care Setting	Date/Timeframe
Recruit clients to take part in Real World Testing plan.	All Care Settings.	Completed by April 30th, 2024.
Recruit partner HISPs to take part in Real World Testing plan.	N/A	Completed by May 30th, 2024.
Conduct testing.	All Care Settings.	ETT relied upon software testing took place 8th January. Client, inter HISP and care setting specific validation took

		place on the 9th of January.
Secondary testing period in case of issues or conflicts with clients and partner HISPs.	All Care Settings.	N/A
Collation and finalization of results.	N/A	Completed by February 1st, 2025.