



Real World Testing Plan

GENERAL INFORMATION

Plan Report ID Number:

Developer Name: Cyfluent

Product Name(s): Cyfluent

Version Number(s): 3.2.9

Certified Health IT: 0015ET7SML1PUC3

Product List (CHPL) ID(s): 15.04.04.2975.Cyfl.03.00.1.190813

Developer Real World Testing Page URL: [https://www.cyfluentphr.com/ Files/CURES/](https://www.cyfluentphr.com/Files/CURES/)

REAL WORLD TESTING SUMMARY

- **Justification:** The export of the health information associated with a patient population is another way to share health information with an external organization. It is typically used for research or quality purposes to look for specific trends on patient population. Such services are crucial for the public health.
- **Test Methodology:** System logs will be reviewed to ensure the export function is operating properly and to determine the frequency of use. Log files obtained during Real World Testing will be used for analysis in several areas to validate the proper operation of the export. This test methodology will primarily test the conformance of the implementation.
- **Expected Outcome(s):** It is expected that patient immunization data will be properly represented in VIIS in the most modern and compliant transmission payload. Errors will be tracked and analyzed.

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

This scenario is a real world testing plan for the public health criterion that Cyfluent complies with. Since Cyfluent no longer has any customers that report/treat cancerous situations, the only criterion that are relevant are § 170.315(f)(1) Transmission to immunization registries

Use Case 1 Overview: Immunization Registries. The Virginia Immunization Information System (VIIS) is progressively updating their CDA payload requirements in order to keep up with new standards. Cyfluent will upgrade their transmission payload version and monitor the transmissions for proper receipt.



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

Standard (and version)	All standards versions are those specified in USCDI v1. The developer plans to use SVAP to update its (e)(1) module to support the new version of the Direct transport protocol (now known as Secure Health Transport) during the testing period.
Method used for standard update	SVAP
Date of ONC-ACB notification	April 2022
Date of customer notification (SVAP only)	April 2022
USCDI-updated criteria	The plan documents the support of all USCDI v1 data elements.

MEASURES USED IN OVERALL APPROACH

Measurement/Metric	Description
§170.315 (f)(1) <i>Transmission to immunization registries</i>	i. <i>Create</i>
	ii. <i>Request, access, display</i>

Associated Certification criteria

Measurement/Metric	Associated Certification Criteria
§ 170.315(g)(9) Application access— all data request	i. <i>Respond to request</i>
	ii. <i>Document</i>
§ 170.315(b)(6) Data export	i. <i>General requirements for export summary configuration</i>
	ii. <i>Creation</i>
	iii. <i>Timeframe configuration</i>
	iv. <i>Location configuration</i>

The following outlines the measures that have been identified to best demonstrate conformance to the certification criterion as it pertains to public health.

Use Case 1 Immunization Metrics: In order to properly report public health data, the following metrics have been established:

Measure 1: Proper Data. This is a percentage of the patient immunizations that are properly represented as payload data in transmission to the VIIS.



Measure 2: Received And Is Reported. This is a percentage of immunizations that are properly represented in the VIIS. This percentage will be pulled as a subset of data in order to allow for manual review.

Justification for selected measurement/metric

The export of the health information associated with a patient population is another way to share health information with an external organization. It is typically used for research or quality purposes to look for specific trends on patient population. Such services are crucial for the public health.

Care Setting

Care Setting	Justification
Pediatric Ambulatory Care and Family Care	This is the only current scenario where public health is reported by customers of Cyfluent.

Expected outcomes

- Real World Testing will show that child vaccination records are properly displayed in the VIIS system
- Real World Testing will show a less than 1% error rate

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Release of documentation for the Real-World Testing to be provided to authorized representatives and providers. This includes surveys, specific instructions on what to look for, how to record issues encountered, and Customer Agreements.		December 2022
Collection of information as laid out by the plan for the period.		January 2023
Planned System updates to allow for collection of data after a SVAP update.		March 2023
Follow-up with providers and authorized representatives to understand any issues arising with the data collection.		Quarterly 2023
End of Real World Testing period/final collection of all data for analysis		January 2024
Analysis and report creation		January 2024
Submit Real World Testing report to ACB (Drummond)		February 2024



ATTESTATION

This Real World Testing plan is complete with all required elements, including measures that address all certification criteria and care settings. All information in this plan is up to date and fully addresses the health IT developer's Real World Testing requirements.

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Date: 10/31/2022

Real World Test Plan_f1 2022

Final Audit Report

2022-10-31

Created:	2022-10-31
By:	Gwen Thomas (gthomas@plan-sys.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAEyV1B1IOHCV_GHcHQpLKNWH2ROJKnfd6

"Real World Test Plan_f1 2022" History

-  Document created by Gwen Thomas (gthomas@plan-sys.com)
2022-10-31 - 1:31:31 PM GMT- IP address: 99.93.208.91
-  Document emailed to dschneider@plan-sys.com for signature
2022-10-31 - 1:31:50 PM GMT
-  Email viewed by dschneider@plan-sys.com
2022-10-31 - 1:46:14 PM GMT- IP address: 104.47.73.254
-  Signer dschneider@plan-sys.com entered name at signing as Dan Schneider
2022-10-31 - 1:46:39 PM GMT- IP address: 108.17.157.20
-  Document e-signed by Dan Schneider (dschneider@plan-sys.com)
Signature Date: 2022-10-31 - 1:46:41 PM GMT - Time Source: server- IP address: 108.17.157.20
-  Agreement completed.
2022-10-31 - 1:46:41 PM GMT

