



2022 Real World Test Plan

VDT

20211114bri-5

ONC CERTIFIED IT

Real World Test Plan & Results

2022 Calendar Year

Product	AXEIUM
Version	MU3
CHPL ID	15.05.05.1171.BRIL.02.01.1.221219 (current)
	15.05.05.1171.BRIL.01.00.1.200110 (previous)
URL	http://axeium.com/rwt
Document	2022 RWTPR - VDT v2023-01-15b.docx

Contents

Test Results.....	3
Changes to Original Plan	3
Withdrawn Product	3
Summary of Testing Methods & Key Findings.....	3
Standards Updates	3
Care Setting.....	4
Metrics and Outcomes.....	4
Key Milestones.....	4
Test Plan	5
Description of Interoperability-focused Functionality	5
Use Case 1 - View, Download, and Transmit Health Data to a 3 rd Party.....	5
Schedule of Testing Milestones.....	5
Standards Updates	5
Care Setting.....	5
Measurements and/or Metrics.....	5
Expected Outcomes	6
Testing Methods/Methodologies	6
Testing Approach Justification.....	6
Change Log	7

Real World Testing is a process by which interoperability and functionality in production settings and scenarios, rather than in a controlled test environment

Test Results

Changes to Original Plan

Changes to the the RWT approach as outlined in the Plan, if any.

Summary	We abandoned the strategy of simulating real patient interaction.
Reason	As defined in the RWT Resource Guide, this is a process by which interoperability and functionality is observed in a production setting, rather than in a controlled test environment, as such, more test simulations do not meet the intent of the requirement.
Impact	none

Withdrawn Product

Products withdrawn during the past year that were outlined in the Plan, if any.

Product	n/a
Version	
CHPL ID	
Date	
Data Included	

Summary of Testing Methods & Key Findings

A summary of the testing method used, challenges encountered and lessons learned, and non-conformities discovered, if any.

To give the RWT the best shot at success we obtained permission and cooperation from our largest clinic that operates 4 physical facilities, including mobile units, which recorded 95,946 patient visits in CY 2022, yet even with this relatively high number, our broadest reach, there were no patient-originated requests during the test period.

The challenge we face is that this is essentially a technical feature that is virtually unknown to end users, but perhaps even more problematic, the clinic administrators still principally request and inbound patient data from paper (or fax) and are generally both unaware of and uneducated as to the capabilities of electronic patient data exchange.

Standards Updates

Products certified with voluntary or optional SVAP and USCDI standards updates, if any.

Standard	n/a
Version	
Criteria affected	
CHPL ID	
Conformance Measure	

Care Setting

These test results are from transactions executed in a community health, outpatient, primary care setting.

Metrics and Outcomes

Testing measurements that demonstrate that the product is compliant with certification criteria and is exchanging HIE in the care setting.

Measurement	View, Display, Transmit to 3 rd Party
Criteria	170.315(e)(1)
Outcome	Not used. There were no patient-originated CCD download requests during the test period.

The certified criteria that are included in this test plan rely on the following 3rd party software, if any.

Product	Paubox Secure Email API
----------------	-------------------------

Key Milestones

Information regarding how and when developer-implemented measures and collected data relevant to milestone that were met during the RWT process for the above referenced care setting.

Milestone	Timeframe
Obtain representative participation from clinic	2021 Q4
Project kickoff with team of internal and customer representatives	2022 Q1
Check for data collected	2022 Q2, Q3, Q4
Run final data collection for plan year, and prepare report	2023 Q1

Test Plan

Description of Interoperability-focused Functionality

This test plan was designed to test the real world use of the following certification criterion:

§170.315(e)(1)	View, Display, Transmit to 3rd Party
	Ability for patient to use internet-based technology to view, download, and transmit their health information, as defined by this criterion, to a 3 rd party

Use Case 1 - View, Download, and Transmit Health Data to a 3rd Party

The developer will work with the designated customer representatives test the process of patient access to their health data; namely their ability to view, download, and email that data to a 3rd party.

Schedule of Testing Milestones

2021 Q4	Solicit customers to obtain representative participation
2022 Q1	Project kickoff with team of internal and customer representatives; Distribute procedures, and tracking tools, if needed
2022 Q2, Q3, Q4	Follow up with project team; Review data collected thru date, and adjust methodology if needed
2023-01-02	Run final data collection for plan year; Analyze and collate
2023-01-15	Report due to ACB

Standards Updates

Standards Updated	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> USCDI <input type="checkbox"/> CCDA <input type="checkbox"/> ASTM <input type="checkbox"/> CQM
Updated Standard Version	N/A
Date of ONC ACB notice	N/A
Date of customer notice	N/A

Care Setting

AXEIUM is a patient-centric EHR system that is marketed to outpatient, community health centers that provide primary care services. Operationally speaking, there is no functional difference regardless of the specialty services offered by the clinics, if any, as such any and all ACB-certified features selected for testing are representative of all settings, regardless of specialty.

Measurements and/or Metrics

The testing process will document the ratio of success to failures observed for each function tested: View, Download, Transmit, and further, that the received data is accurate and human readable.

Expected Outcomes

It is expected that 100% of the patients tested will be able to complete all functions: to View, Download, and then Email their healthcare data to a 3rd party, and 100% of the documents emailed will be human readable.

Testing Methods/Methodologies

As this feature involve patients, absent the ability to find a volunteer patients to participate, the test team will need to create and push test data to the test patients in the Patient Portal, from which they can then access to complete the full range of tests.

Testing Approach Justification

The test plan measurements will provide an objective assessment of the functional demand for the certified criteria, as well whether the criteria work correctly and return accurate information.

The system logs will determine the real world use of these features. The measures in this test plan will produce a the success rate of the interoperability and functionality of the certification criteria in a production environment, and the usability of the Patient Portal will be indirectly validated during the testing process.

Change Log

Date	Author	Comment
2021.10.01	m. allione	Initial Document
2021.11.07	m. allione	Revise and improve the following sections: Standards, Care Settings, and Justification.
2023-01-15	m. allione	Add test results.