ONC CERTIFIED IT
Real World Test Plan
2022 Calendar Year

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Developer	Brilogy Corporation
Product	AXEIUM
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URL	www.axeium.com/rwt

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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.
Signed	 Digitally signed by Milton Allione DN: cn=Milton Allione, o=Brilogy, ou=Corp, email=milton.allione@brilogy.com, c=US Date: 2021.11.07 15:20:01 -08'00'

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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(g)(7)	**Discover Patient API Token**
	Ability for API to return a token that uniquely identifies the patient for the purpose of subsequent CCD data requests.

§170.315(g)(8)	**Pull Category-Specific Data**
	Ability to respond to requests for patient data for each of the individual data categories specified in the CCDS and return the full set of data for that data category in a computable format.

§170.315(g)(9)	**Pull All Data**
	Ability to respond to requests for patient data for all of the data categories specified in the CCDS at one time and return such data in a summary record formatted according to the standard specified in §170.205(a)(4) following the CCD document template.

Use Case 1 - Patient Discovery

The developer will work with the designated customer representatives to test the real world process of discovering an API token for a specific patient that can be used in subsequent queries to pull data.

Use Case 2 - Categories of Data

The developer will work with the designated customer representatives to test the real world process of pulling each individually-selected CCDS category of data for one or more randomly selected patients.

Use Case 3 - All Data

The developer will work with the designated customer representatives to test the real world process of pulling all of the CCDS category data at one time for one or more randomly selected patients, and having that data returned in a summary format CCD document.

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	☒ N/A ☐ USCDI ☐ CCDA ☐ ASTM ☐ 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 pass/fail rate of the patient token discovery process, as well the subsequent ratio of successfully received individual CCDS category inquiries and CCD documents returned for all-category requests. Indirectly, data quality and completeness will be tested for each category of data returned by comparing results returned to the data stored in the system of record.

Expected Outcomes

Given the nationwide debate that continues to hamstring the release of a National Patient Identifier, it is expected that most but not all API patient discovery inquiries will be successful, and that for the discovery requests that do return a unique patient token that 100% of the subsequent data requests will be successful.

Testing Methods/Methodologies

Given the fundamental lack of technical sophistication typically associated with a community health facility, in the event that the audit logs indicate that this feature is not being used, and as the interop discovery process is typically system to system, it is anticipated that the developer will have to build a test tool to launch the API discovery from a console screen if a publically available tool cannot be found, after which the Swagger can be used to validate the data for each specific category request, and the CCD creation can be validated from the system screens and logs while the CCD content can be validated from a browser session.

Testing Approach Justification

The test plan measurements will provide an objective assessment of the functional demand for the certified criteria, as well whether the critera 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 quality and accuracy of the data returned will be indirectly validated when the output is validated to the patient data stored in the system.

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, Measures, and Justification.