REAL WORLD TESTING RESULTS REPORT

GENERAL INFORMATION

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

Product Name(s): ehr.NXT HealthCenter

Version Number(s): 5.1.0

Certified Health IT Product List (CHPL) Product Number(s): 15.15.04.04.1930.eHTC.04.00.0.190312

Developer Real World Testing Plan Page URL: medicasoft.com/compliance

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

CHANGES TO ORIGINAL PLAN

There are no changes to the original 2023 Real World Test Plan.

SUMMARY OF TESTING METHODS AND KEY FINDINGS

Real World Testing for the HealthCenter Personal Health Record was done in a patient engagement care setting where patients access their health record data. We used a combination of test patient walk-throughs and examination of production logs to identify activities of real users.

We used test patient data and walked through use cases where the patient views USCDI data elements (lab results), created a CCD containing data elements selected by the patient, and attached the document to a Direct Secure Message. We also downloaded a CCD. This testing demonstrated 170.315(e)(1) and 170.315(h)(2).

In order to test 170.315(g)(7) Application Access Patient Selection and 170.315(g)(8) Data Category Request, we used the Postman API tool to select a patient and request data by category (lab results). We viewed the data returned by the FHIR API to verify compliance.

In order to test 170.315(g)(9) Application Access All Data Request, we used our CCD generator to generate a document containing all data for a selected patient. We then downloaded the CCD and viewed it to verify the data.

To obtain information on the activities of real users, we examined the production logs of one of our PHR deployments, for the period of February 2023. We found that there were 41,032 logins of 8,946 unique users in the period. Each login verifies patient selection, viewing of records, data category and all data request queries. We also found that those 8,946 users sent and received 5,221 Direct Secure Messages.

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

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

☒ No, none of my products include these voluntary standards.

Standard (and version)	
Updated certification criteria and associated product	
CHPL Product Number	
Conformance measure	

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.

The HealthCenter PHR was tested in a patient engagement healthcare setting where patients access their health record data.

Metrics and Outcomes

Measurement /Metric	Associated Criterion(a)	Outcomes	Challenges Encountered (if applicable)
170.315(e)(1)	View, Download, Transmit	Patients were able to view, download their health data and send it to others via Direct Secure Messaging. In production, 8,946 unique users viewed health data in the measured period.	None
170.315(h)(2)	Direct Project, Edge Protocol, and XDR/XDM	Patients were able to send & receive Direct Secure Messages. In production, 8,946 unique users sent and received 5,221 Direct Secure Messages in the measured period.	None
170.315(g)(7)	Application access – patient selection	In a test environment, we demonstrated patient selection FHIR API queries. In production, each successful login (41,032) in the measured period executed a successful patient selection query.	None
170.315(g)(8)	Application access - data category request	In a test environment, we demonstrated data category request FHIR API queries. In production, each successful login (41,032) in the measured period executed a successful data category request.	None

170.315(g)(9)	Application access – all data request	In a test environment, we demonstrated all data request FHIR API queries. In production, each successful login (41,032) in the measured period executed a successful all data request.	None

KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Testing using test patient data in a test setting.	Patient Engagement	March 2023
Production operation period for which user activity logs were analyzed.	Patient Engagement	February 2023