Medsphere

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2023 Real World Testing Results CareVue 2.1/Open Vista 2

GENERAL INFORMATION

Plan Report ID Number:

Developer Name: CareVue, a Division of Medsphere Systems Corporation

Product Name(s):   CareVue
                       OpenVista CareVue

Version Number(s):   CareVue v.2.1
                       OpenVista CareVue v.2

Certified Health IT Product List (CHPL) Product Number(s):
                       CareVue - 15.04.04.2806.Open.02.02.1.221222 (current)
                       CareVue - 15.04.04.2806.Open.02.01.1.210401 (previous)
                       OpenVista CareVue - 15.04.04.2806.Open.02.00.1.171108

Developer Real World Testing Plan Page URL:
https://www.medsphere.com/certifications/RealWorldTesting/CareVue

Developer Real World Testing Results Report Page URL:
https://www.medsphere.com/certifications/RealWorldTesting/CareVue

CHANGES TO ORIGINAL PLAN

Summary of Change [Summarize each element that changed between the plan and actual execution of Real World Testing]	Reason [Describe the reason this change occurred]	Impact [Describe what impact this change had on the execution of your Real World Testing activities]
Original plan included measure 6 API Requests, due to removing these criteria from certification, we did not test.	Removed criteria from certification	We believe this had no impact as functionality was not being used.

WITHDRAWN PRODUCTS

Product Name(s):	OpenVista CareVue
Version Number(s):	2
CHPL Product Number(s):	15.04.04.2806.Open.02.00.1.171108
Date(s) Withdrawn:	December 31, 2022
Inclusion of Data in Results Report: [Provide a statement as to whether any data was captured on the withdrawn products. If so, this data should be identified in the results report.]	No data from this product was included in the reports.

SUMMARY OF TESTING METHODS AND KEY FINDINGS

To demonstrate the features used in the interoperability measures, we created scripts that would log certain descriptive information into tables that we could review and perform data analysis against. We were able to review success and failure rates of certain interoperability functions to ensure the feature was functioning and to be able to work with our clients to increase adoption where suitable. During our testing, we encountered an area where we did have to work with additional sources in order to get the exact data called out in our plan but ultimately were able to obtain the data.

In cases where we gathered the data and the data indicated that no utilization was actually being performed in the real world, we reverted to an internal test environment to conduct testing against the feature along with the standards to ensure the feature was functioning as designed and certified.

For each of the methods that we used, whether collecting real world data or reverting to an internal test environment, the results shared in this report reflect the real world success rate of utilization of interoperability features or confirmation that the feature is working as intended.

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)	This product utilizes all standards associated with the 2015 Cures Update certification method

Care Settings

Inpatient care setting was used to obtain the results for this report.

Metrics and Outcomes

Electronic exchange of information for Care Coordination and Patient Engagement

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes
Measure 1.1 Provider exchange (sending and receiving)	170.315(b)(1) Transitions of Care, 170.315(b)(2) Clinical Information Reconciliation and Incorporation, 170.315e(1) View, download, and transmit to 3rd party, Data Export and 170.315(h)(1) Direct Project,	Surescripts Clinical Direct Messaging	System logs were used to retrieve data that represented the transmission of CCDs by providers. Overall, we had 2064 attempted transmissions with 1826 being successful, resulting in a 11.5% error rate. Other analysis indicated that the heaviest volume occurred in Q1.
Measure 1.2 Patient exchange (Download and Transmit)	170.315(b)(1) Transitions of Care, 170.315(b)(2) Clinical Information Reconciliation and Incorporation, 170.315e(1) View, download, and transmit to 3rd party, Data Export and 170.315 (h)(1) Direct Project,	Surescripts Clinical Direct Messaging	System logs were used to retrieve data representative of patients performing download and then transmitting their health data to an outside source. Overall, we had 77 transmission attempts in which all 77 attempts were successful, resulting in a 100% success rate. We also reviewed the transmission methods of these attempts which showed almost an even split. The results showed 18 encrypted transmission methods with 59 unencrypted transmission methods.
Measure 2 Data Export	170.315(b)(6) Data Export	Not Applicable	System logs were used to retrieve data representative of when the batch export was utilized. The results indicated that this function was not used. To ensure functionality was working as intended, we reverted to internal test environments to conduct the test which resulted in 100% success rate.

E-Prescribing

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes
Measure 3 E-prescribing successful transmissions	170.315(b)(3) Electronic Prescribing	NewCrop	System logs were used to retrieve data representative of the function when users create a prescription and electronically transmit the prescription

| | | | to a pharmacy. In total, 99,614 prescriptions were transmitted electronically, with 118 of those transmissions failing. This resulted in a 0.01% error rate. |
| | | | Other observations indicated that the number of transmissions for prescriptions remained consistent throughout the year by practice. |

Transmission of HL7 messages

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes
Measure 4.1 Transmission of messages to outside entities	170.315(f)(1) Transmission to immunization registries, 170.315(f)(2) Transmission to public health agencies – Syndromic surveillance, 170.315(f)(3) Transmission to public health agencies – reportable laboratory tests and value/results.	Mirth	System logs were used to retrieve data representative of the HL7 messages that were transmitted. Overall, there were 1,158,787 HL7 messages that were sent with 316 of those messages failing. This results in a 0.02 % error which falls within our anticipated error rate of less than 10% due to issues with network connectivity. We also drilled into the data to determine individual rates of specific transmissions. We found that Syndromic messages were being transmitted more than labs and immunizations with 1,054,819 of the total messages were related to Syndromic activity making up 91% of total volume.
Measure 4.2 Health care surveys	170.315(f)(7) Transmission to public health agencies – health care surveys	Not applicable	Upon reviewing system logs it was found that no clients were using the function of health care surveys. To adhere to our plan, we reverted to an internal test environment to ensure the function was still working as designed. Overall, this resulted with a 100% success rate.

Export Data File

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes
Measure 5 Export Data File (export of QRDA files)	170.315(c)(1) record and export	Not Applicable	System logs were used to retrieve data representative of when QRDA cat 1 files were exported. Overall, there were 949 files exported which all were successful, resulting in a 100% success rate. We also noted that these exports all occurred during Q1 which was anticipated.

API Requests

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes
Measure 6 API Requests	170.315(g)(7) Application Access – Patient Selection, 170.315(g)(8) Application Access – Data Category Request, 170.315(g)(9) Application Access-All Data Request	Not Applicable	Removed from certification on December 31, 2022.

KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Collection and review of data	Inpatient	Quarterly
Compiled all data in aggregate analysis	Inpatient	December 2023
Create and submit aggregate results report	Inpatient	January 2024

Acknowledgement Signature

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

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