REAL WORLD TESTING RESULTS REPORT - 2023

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GENERAL INFORMATION

Report ID Number	**[20221017med]**
Developer Name	**MediFusion, LLC**
Product Name(s)	**MediFusion**
Version Number(s)	**V2.0**
Certified Health IT Product List (CHPL) ID(s)	**15.05.05. 3102.MEDF.01.00.1.220228**
Developer Real World Testing PLAN Page URL	**https://medifusion.com/real-world-testing/**
Developer Real World Testing RESULTS Page URL	**https://medifusion.com/real-world-testing-results/**

[OPTIONAL] 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]
N/A	**N/A**	**N/A**

[OPTIONAL] WITHDRAWN PRODUCTS

We have not withdrawn any products within the past year that we previously included in the Real-World Testing plan.

SUMMARY OF TESTING METHODS AND KEY FINDINGS

Aligned with the ONC's proposal that "Real World Testing confirms that implemented Certified Health IT keeps functioning as intended by carrying out and monitoring observations of data sharing and interoperability," the original test strategy we devised was centered on counting and recording the number of real-world examples in which a certified capability was applied effectively. When there is no proof because a certified capacity is not used very often or at all, or when evidence cannot be captured,

We tested and showed the necessary certified capacity in a semi-controlled setting as close to a "real world" implementation as possible, in order to ensure its effective application for various purposes.

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- Adoption Rate
- Summative Testing
- Interactive Testing

Adoption rate was utilized to help discover variations in care settings and to ascertain whether or not certified capacity is being used in the real world. High rates of usage and implementation are indicators of a certified capability's practical worth and usefulness, but they do not prove it on their own. Low rates of implementation and utilization may be explained, among other things, by the number of patients, the region, or the provider's preference. Note that the purpose of this exercise

is to identify the users and care settings rather than to determine the specific reasons why a certain certified capability may have a high or low adoption rate.

Summative evaluations were employed to gauge which approved actions were completed within a specified time frame, with a minimum of ninety days, and extended periods when feasible. To show how frequently actions were taken within the allotted time range and, if possible, whether or not those actions were successful, these data are usually generated by analyzing audit logs from inside the certified health IT module. A successful business should have high success rates as a sign. application of a specific certified competency in a practical situation.

When a certified capability's adoption rate is zero, interactive testing is utilized to show compliance with requirements and to show continuous adherence to updated code sets and standards (SVAP). Live testing of interactive tests was done instead of looking at usage data from the past. The intention is to show how the certified Health IT module is applied consistently in a practice or healthcare environment.

This methodology facilitated the efficacious testing and acquisition of outcomes for every criterion. The reader will find supporting information for each certified criterion for MediFusion in the Metrics and Outcomes section, which is detailed below. This information takes the form of a Summative result or interactive test results.

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

Both required and voluntary standards updates must be addressed in the Real-World Testing plan. Real World Testing plans must include all certified health IT updated to newer versions of standards prior to August 31 of the year in which the updates were made.

Indicate as to whether optional standards, via SVAP and/or USCDI, are leveraged as part of the certification of your health IT product(s).

____ Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below).
__X__ No, none of my products include these voluntary standards

Standard (and version)	None
Updated certification criteria and associated product	None
Health IT Module CHPL ID	None
Conformance measure	None

Care Setting(s)

Ambulatory → Primary care physicians are the target market for MediFusion, which has been approved for use in ambulatory care settings.

Metrics and Outcomes

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
RWT Measure #1. Number of Transition of Care C-CDAs Successfully Sent Over a 90-day period: 1) Number of CCDAs created 2) Number of CCDAs sent via edge protocols 3) Number of CCDAs received via edge protocols	170.315(b)(1) Transitions of care	EMR Direct	Pass 1) 11,924 2) 55,010 3) 188,777	N/A
RWT Measure #2. Number of Patient Batch Exports Run Over a 90-day period: 1) Number of times a data export was performed	170.315(b)(6) Data export	N/A	Pass 1) 11,924	N/A
RWT Measure #3. Number of Quality Measures Successfully Reported on to CMS Over a 90-day period: 1) Number of measures recorded during the period 2) Number of QRDA Category 1 files exported 3) Number of QRDA Category 1 file imported (if applicable) 4) Number of QRDA Category 3 aggregate report(s) created over the period	170.315(c)(1-3) Clinical quality measures (CQMs)	N/A	Pass 1)35,000,000 2) 7 3) 92,569 4) 18	N/A
RWT Measure #4. Number of Patients Given Access to Portal	170.315(e)(1) View, download, and transmit to 3rd party	Chrony NTP/3.4	Pass 1) 7,441 2) 2,929 3) 542	N/A

Over a 90-day period: 1) Number of views of health information by a patient or authorized representative 2) Number of downloads of health information by a patient or authorized representative 3) Number of transmissions of health information by a patient or authorized representative				
RWT Measure #5. Number of Electronic Reportable Lab Messages Successfully Sent Over 3 separate unique 10-day periods within a 90-day window: 1) Number (or percentage) of lab orders were successfully submitted	170.315(f)(3)	N/A	Pass 1) 0	N/A
RWT Measure #6. Compliance of C-CDA Error Detection Over a 90-day period: 1) Number of CCDAs created 2) Number of CCDAs sent via edge protocols 3)Number of CCDAs received via edge protocols	315(b)(1)	EMR Direct	Pass 1) 1000 2) 500 3) 188	N/A
RWT Measure #7. Problem/Medication/Allergy Incorporation from C-CDA – C-CDA Scorecard Quantifiable Result Over a 90-day period: 1) Number of times a user reconciled medication list data from a received CCDA 2) Number of times a user reconciled allergies and intolerance list data from a	170.315(b)(2) Clinical information reconciliation and incorporation	N/A	Pass 1) 1,215 2) 1,238 3) 1,470	N/A

received CCDA 3) Number of times a user reconciled problem list data from a received CCDA				
RWT Measure #8. Immunization Message – Number of Compliant Conformance Statements and Errors Detected Over 3 separate unique 10-day periods within a 90-day window: 1) Number (or percentage) of immunization records submitted to the immunization record	170.315(f)(1) Transmission to immunization registries	N/A	Pass 1) 0	N/A
RWT Measure #9. Syndromic Surveillance Message – Number of Compliant Conformance Statements and Errors Detected Over 3 separate unique 10-day periods within a 90-day window: 1) Total number of syndromic surveillance events created and submitted	170.315(f)(2) Transmission to public health agencies — syndromic surveillance	N/A	Pass 1) 0	N/A
RWT Measure #10. API Resource Query Support – C-CDA Scorecard Quantifiable Result 1) Number of requests for a patient ID or token 2) Number of requests that provided sufficient information to provide a valid response 3) Number of follow-up requests made using the provided patient ID or token	170.315(g)(7) Application access — patient selection	N/A	Pass 1)19,231,577 2)19,018,976 3)75,930,872	N/A
RWT Measure #10. API Resource Query Support – C-CDA Scorecard Quantifiable Result	170.315(g)(9) Application access	N/A	Pass 1) 1,490,509	N/A

1) Number of requests for a patient's Summary Record made by an application via an all data category request using a valid patient ID or token 2) Number of requests for a patient's Summary Record made by an application via an all data category request using a valid patient ID or token for a specific date range	— all data request		2) 883	
RWT Measure #11. Direct Project 1) Number of Direct Messages sent 2) Number of Delivery Notifications received 3) Number of Direct Messages received 4) Number of Delivery Notifications sent	170.315(h)(1) Direct Project	EMR Direct	Pass 1) 75,215 2) 75,215 3) 175,146 4) 175,146	N/A
RWT Measure #12. Data Segmentation Send 1) Number of Direct Messages sent	315(b)(7)	N/A	Pass 1) 0	N/A
RWT Measure #13. Data Segmentation Receive 1) Number of Direct Messages received	315(b)(8)	N/A	Pass 1) 0	N/A

KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Scheduling and logistics	Ambulatory	7/1/2023-9/25/2023
Data collection	Ambulatory	9/26/2023-12/25/2023
MediFusion executed interactive testing to show that the criterion is functional. The following metrics were tested interactively as detailed in the outcomes section above: • 170.315 (f)(1) Transmission to immunization registries • 170.315 (f)(2) Transmission to public health agencies — syndromic surveillance	Ambulatory	Sep – Dec 2023