



## Real World Testing Plan

### GENERAL INFORMATION

PlanReportIDNumber:[ForONC-AuthorizedCertificationBodyuseonly] Developer

Name: **Vision InfonetInc**

Product Name(s): **MDCareEMR/PMS**

Version Number(s): **5.1**

Certified Health IT Product List (CHPL) ID(s): **15.04.04.2872.MDCa.05.01.1.221230**

Developer Real World Testing Page URL:

<https://www.mdcare.com/pdf/MDCARERWTPLAN2024.pdf>

### JUSTIFICATION FOR REAL WORLD TESTING APPROACH

InordertocomplywiththeReal-WorldTestingConditionandMaintenanceofCertificationrequirements,RealWorldTestingplans would be made publicly available on the Certified Health IT Product List (CHPL) by December 15th. Vision Infonet is prepared towards achieving Real World Testing results which will subsequently be publicly available on the CHPL by March 15th of the subsequentyear.

MDCare EMR/PMS is a browser based application. MDCare has an established plan to demonstrate interoperability and functionality of its certified modules in a real world setting and scenario within Primary care and Internal Medicine settings. MDCare will be usingreal customer settings to ensure functional accuracy and transparencies. All functional criteria further referenced in the document are predicated on customer usability in real world environments such as ambulatory clinics. The use cases will include actions by varying user types to capture the required data andworkflows.

VisionInfonet'soverallapproachtoRealWorldTesting,willusedatademonstrateinteroperabilitycriterionbymeasuringrelevanttasks and successful collection of specific auditable data associated with each certificationrequirement.

Measures will align with the elements within a Real World Testing plan including certification requirements and clinical settings.

### SVAP

The Standards Version Advancement Program (SVAP) is Not Applicable

### MEASURES USED IN OVERALL APPROACH

Eachplanincludesatleastonemeasurement/metricthataddresseseachapplicablecertificationcriterionintheHealthITModule'sscope ofcertification.Describetheethodformeasuringhowtheapproach(es)chosenmeettheintentandpurposeofReal WorldTesting.

For each measurement/metric, following elements are described:

- Description of themeasurement/metric
- Associated certificationcriteria
- Justification for selectedmeasurement/metric
- Care setting(s) that isaddressed
- Expectedoutcomes

**Description of Measurement/Metric Associated Certification Criteria/ Justification for Selected Measurement/Metric**

Measure(s) that will be used to support the overall approach to Real World Testing are:

Associated Certification Criteria	Measurement/Metric	Description	Justification
<p>170.315(b)(1) Transitions of care and 170.315(h)(1) Direct Project</p>	<p>1. Demonstration of creation of a C-CDA at the end of an ambulatory encounter with transmission to the next provider of care via Direct Messaging with a confirmation of receipt in a client production environment.</p> <p>2. Demonstration of the ability to receive a C-CDA through Direct messaging into the Inbound Documents Queue and save it into the EHR.</p> <p>3. Total number of successfully transmitted C-CDAs (CCD, and Referral Note) based on receipt of ACK messages</p> <p>4. Total number failed C-CDA (CCD, and Referral Note) transmissions based on receipt of ACK messages</p> <p>5. Total number received C-CDAs via inbound Direct messaging</p>	<p>The user will be sending and receiving C-CDA's to demonstrate that the system successfully exchanges the certified C-CDA with another outside provider via HISP.</p>	<p>1. To demonstrate the ability to send C-CDAs to the next provider of care through Direct Messaging via HISP after the visit.</p> <p>2. To demonstrate the ability to receive C-CDAs from other sources through Direct Messaging via HISP at the time of patient visit.</p>
<p>170.315(c)(1) Clinical quality measures – record and export</p>	<p>Record and generate the CQM export file QRDA 1 for selected measures as identified by the provider and practice</p> <p>System counts the total number of successful submissions as reported by clients</p>	<p>Provider completes the patient encounters for the selected measures.</p> <p>Provider navigates to CQMs page and selects the quality measures and generates the report and then "Export to QRDA 1" to export CQM in QRDA 1 format.</p>	<p>Application enables the providers to record and generate the CQM measures for the multiple patients and all user scenarios are specific to the certified criterion.</p> <p>The goal of this approach is to demonstrate that both the interoperability and conformance capabilities of the certified Health It are consistent with the requirement of the 170.315 (c) (1) certification criteria.</p>

170.315(c)(3) Clinical quality measures-- report.	Generate CQM QRDA I & III files and export for the applicable measures that was selected by the provider.  System counts the total number of successful submissions as reported by clients	Demonstration of the ability to generate QRDA I and QRDA III files which comply with the CMS QRDA Implementation Guide.	To demonstrate that the EHR can produce QRDA files and the system performs as expected.
170.315(g)(7) Application access – patient selection	For Application Access – Patient Selection, a connection can be established to the API for the specified patient  Total number patient API authentication events	For Application Access – Patient Selection a connection can be established to the API and a token is returned that uniquely identifies a single patient.	The token returned match the specified patient, verifying that the system performs as expected and meets the ONC criteria.
170.315(g)(9) Application access – all data request	For Application Access – All Data Request, a request is made for the specified patient over all time for all data  Total number of all data requests (C-CDAs) received	For Application Access – All Data Request, a response is received that contains all relevant data over all time.	An API response with all data requested for the specified patient over all time verifies that the system performs as expected and meets the ONC criteria.
170.315(f)(3) Transmission to Public Health Agencies – Reportable Laboratory tests and value/results	Demonstration of electronic transmission of reportable laboratory tests and values/results to Public Health Agencies.	The user will add all reportable lab tests and results in the system and Send to the registry. Observed the Test Results and successfully captures additions to be sent to a registry.	The audit log captures the addition of reportable lab test results with date/time stamp and user verifying that the system performs as expected and meets the ONC criteria.

### Care Setting(s)

Care Setting	Justification
Internal Medicine	This type of care setting encompasses nearly 30% of Vision Infonet user base. Including this care setting will demonstrate that the system works in the real world for many of our users.
Primary Care practice	This type of care setting encompasses nearly 30% of Vision Infonet user base. Including this care setting will demonstrate that the system works in the real world for many of our users.
Other Specialties	These types of care settings encompass nearly 40% of Vision Infonet user base. Including these care settings will demonstrate that the system works in the real world for many of our users.

**Expected Outcomes**

Measurement/Metric	Expected Outcomes
<p>170.315(b)(1) Transitions of care and 170.315(h)(1) Direct Project</p> <p>1. Demonstration of creation of a C-CDA at the end of an ambulatory encounter with transmission to the next provider of care via Direct Messaging with a confirmation of receipt in a client production environment..</p> <p>2. Demonstration of the ability to receive a C-CDA through Direct messaging into the Inbound Documents Queue and save it into the EHR.</p> <p>Total number of successfully transmitted C-CDAs (CCD, and</p>	<p>1. Documentation evidencing receipt of C-CDAs into recipient EHRs when sent by the client via Direct Messaging statuses via HISP in timeline</p> <p>2. Documentation evidencing receipt of external C-CDAs into the client's EHR via Direct messaging via HISP into the Inbound External Documents Queue.</p> <p>3. Identification of volume of aggregated successful transmissions of C-CDAs via Direct Messaging from HISP by month.</p> <p>Identification of volume of aggregated failed transmissions of C-CDAs via Direct Messaging by month.</p>
<p>4. Referral Note) based on receipt of ACK messages</p> <p>5. Total number failed C-CDA (CCD, and Referral Note) transmissions based on receipt of ACK messages</p> <p>6. Total number received C-CDAs via inbound Direct messaging</p>	<p>5. Identification of volume of aggregated received transmissions of C-CDAs by month.</p>
<p>170.315(c)(1) Clinical quality measures – record and export</p> <p>Record and generate the CQM export file QRDA 1 for selected measures as identified by the provider and practice</p> <p>System counts the total number of successful submissions as reported by clients</p>	<p>Generating QRDA I files to demonstrate compliance with certification criteria. The CQMs utilize RX Norm, ICD-10, SNOMED, and CPT Code sets to calculate the numerators and denominators. The QRDA's will capture this data and demonstrate that the system conforms to the standard value sets.</p> <p>Total number of CQM measures selected by the provider and successful submission as reported by the clients.</p> <p>Total number of defects identified and resolved during the QRDA I generation</p>
<p>170.315(c)(3) Clinical quality measures--report.</p> <p>Generate CQM QRDA I &amp; III files and export for the applicable measures that was selected by the provider.</p> <p>System counts the total number of successful submissions as reported by clients</p>	<p>Generating QRDA III files to demonstrate compliance with certification criteria. The CQM's utilize RX Norm, ICD-10, SNOMED, and CPT code sets to calculate the numerators and denominators. The QRDA's will capture this data and demonstrate that the system conforms to the standard value sets.</p> <p>Total number of CQM measures selected by the provider and successful submission as reported by the clients.</p> <p>Total number of defects identified and resolved during the QRDA III generation</p>
<p>170.315(g)(7) Application access – patient selection.</p> <p>For Application Access – Patient Selection, a connection can be established to the API for the specified patient</p> <p>Total number patient API authentication events</p>	<p>The user can establish connection with the API and receive a token to confirm access.</p> <p>Identification of aggregated volume of successful patient authentications for accessing EHI via a patient-facing API by month</p>
<p>170.315(g)(9) Application access – all data request.</p> <p>For Application Access – All Data Request, a request is made for the specified patient over all time for all data</p> <p>Total number of all data requests (C-CDAs) received</p>	<p>User will be able to request a full history of the patient records containing all elements of the CCDS over the period of all time</p> <p>Identification of aggregated volume of patient requests for all data elements via a patient-facing API by month</p>

<p>170.315(f)(3)Transmission to Public Health Agencies – Reportable Laboratory tests and value/results</p> <p>Demonstration of electronic transmission of reportable laboratory tests and values/results to Public Health Agencies.</p>	<p>The ability for the user to send all reportable lab tests and results in the system to the Registry.</p> <p>SystemrecordsthetotalnumberofreportableTests&amp;Resultsselected by the provider and successful submission to the Registry bymonth.</p>
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**SCHEDULE OF KEY MILESTONES**

Key Milestone	Care Setting	Date/Timeframe
RWT Plan publication to CHPL	Internal Medicine Primary Care practice Other Specialties	Nov 2023
RWT Prepare Project Plan	Internal Medicine Primary Care practice Other Specialties	Jan 2024-Feb2024
RWT – Testing and Outcomes documentation	Internal Medicine Primary Care practice Other Specialties	Mar 2024-June 2024
RWT results aggregation	Internal Medicine Primary Care practice Other Specialties	July 2024-Dec 2024
RWT Results submission to Drummond for publication	Internal Medicine Primary Care practice Other Specialties	January 2025

**ATTESTATION:**

ThisRealWorldTestingplaniscompletewithallrequiredelements,includingmeasures 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.

Authorized Representative Name: **Dr. Murali**  
 Authorized Representative Email: dr.murali@vinfonet.com  
 Authorized Representative Phone: 630 799 9399



Authorized Representative Signature:

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