

# REAL WORLD TEST RESULTS REPORT MEDICSCLOUD

## General Information

**Plan Report ID Number:** - 20211119ADV1

**Developer Name:** - Advanced Data Systems Corporation

**Product Name:** - MedicsCloud

**Version Number:** - 11.0

**Certified Health IT Product List (CHPL) ID:** - 15.02.05.1044.AVDC.01.01.1.220111 (current),  
15.02.02.1044.A068.01.00.1.180510 (previous)

**Developer Real World Testing Plan Page URL:** - <https://www.adsc.com/2015-certified>

**Developer Real World Testing Results Report Page URL:** - <https://www.adsc.com/2015-certified>

## 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.

<b>Standard (and Version)</b>	N/A
<b>Updated certification criteria and associated product</b>	N/A
<b>Health IT Module CHPL ID</b>	N/A
<b>Conformance measure</b>	N/A

## Metrics and Outcomes

### 1. **Measurement /Metric: - Health Information Exchange electronically Using C-CCDAs and incorporating the clinical data to patient chart.**

**Measure Description:** - The purpose of this measure is tracking and counting how many transitions of care/CCDAs are created and successfully sent electronically to 3rd party using direct messaging. And also tracking and displaying the transition of care/CCDA received electronically from a 3rd party during a transition of care event and successful reconciliation of clinical summary data in to patient chart in an EHR over a course of a time interval/reporting period.

#### **Associated Criterion:-**

(§170.315(b) (1))- Transitions of care

(170.315(b) (2))- Clinical information reconciliation and incorporation

(§170.315(h) (1))- Direct Project

**Relied upon Software:** - Superscripts N2N Direct Messaging

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

#### **Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 4

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

#### **Testing Metric/Measurement: -**

Number of HIE sent: - 3

Number of HIE Received and incorporated: - 48

Success rate of this measure as per the implemented standards is 100%.

#### **Summary of testing methods and key Findings: -**

For Real World testing of the measure Health Information Exchange electronically Using C-CDA's and incorporating the clinical data to patient chart, we utilized reports in a specified time interval for total number of C-CDA's generated from EMR to other practices or providers using N2N direct secure email and for total number of C-CDA's imported in to the EMR and then reconciled the Problem list, Medications and Allergies data in to patient chart for metrics calculation and also verified the transaction status in audit log.

Clients who refer patients electronically to other practices or providers through CCDA standard other than faxing the transcript. We observe very few clients are using the N2N direct secure file transfer for HIE exchange. Even though the functionality usage is less our results do show EHR can work with different health IT systems for C-CDA exchange sending and Receiving HIE data in CCDA format and able to reconcile the data in to our EMR.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**2. Measurement /Metric: - Number of Prescriptions created and sent electronically.**

**Measure Description:** - The purpose of this measure is tracking and counting how many NewRx, Renew, Refill, ChangeRx and Cancel electronic prescriptions generated and successfully sent to pharmacy from EHR over a course of a time interval/reporting period

**Associated Criterion:** - (§ 170.315(b)(3)) e-prescription

**Relied upon Software:** - Surescripts

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 10

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement: -**

Number of prescription messages sent electronically on an Average: - 4865

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure electronic prescribing, we utilized reports from live practices in a specified time interval for total number or prescription related transactions using Surescripts and verified the eRX related transaction status in audit log.

Electronic prescription feature is most widely used by all the specialties. RWT test results reveal that our eRX functionality is working as expected.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

### **3. Measurement /Metric: - Bulk Patient Export Summaries in C-CDA format**

**Measure Description:** - The purpose of this measure is tracking and counting the total number of summary of care records exported in C-CCDA format through bulk export from the EHR over a course of a time interval/reporting period.

**Associated Criterion:** - (§ 170.315(b)(6)) Data Export

**Relied upon Software:** - N/A

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 1

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement: -**

Number of C-CDA Batch export sent: - 1

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Bulk export patient summaries in CCDA format, we verified the batch export of C-CDA's on specified date range in audit log and reviewed the report for C-CDA generated in the specified time interval.

We have only one practice using the CCDA Bulk export feature, so we tested the bulk export feature and it went successful.

**Challenges Encountered or Non-Conformities: -**

During our testing we did not encounter any challenges or criteria non-conformities.

### **4. Measurement /Metric: - Care Coordination**

**Measure Description:** - The purpose of this measure is tracking how a provider can spend more time with complex, chronic care patients by creating a care plan in EHR.

**Associated Criterion:** - (§ 170.315(b)(9)) Care Plan

**Relied upon Software:** - N/A

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 3

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement: -**

Total number of Care plan documented and generated on an average is: - 241

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Care coordination, we verified the audit log to identify the Care plan documentation information and verified the report for total number of C-CDA's generated with Care plan information in a specified time interval.

Documenting care plan data for identified chronic care patients the data is being captured by few practices depending on the chronic care condition volume, so we tested the data at these practice who are documenting it and the certified HIT module is working as expected.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**5. Measurement /Metric: - Clinical Quality Measures Reporting**

**Measure Description:** - The purpose of this measure is tracking and counting the total number of Clinical quality measures that reported across various reporting programs like MIPS, CPC+ etc., as per the requirement during the reporting period.

**Associated Criterion: -**

(§ 170.315(c)(1))—record and export

(§ 170.315(c)(2))—import and calculate

(§ 170.315(c)(3))—report

**Relied upon Software:** - N/A

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 8

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement:** - Out of the certified CQM's most of our clients are reporting CMS2, CMS 22, CMS 68, CMS 69, CMS 122, CMS 125, CMS 127, CMS 130, CMS 138, CMS 147, CMS 165 through various reporting programs and the output is as expected.

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Clinical Quality measures, we have tracked the reports from our Dashboards reports from the practices that are reporting to various CMS incentive reporting programs.

Our results reveal that CQM functionality is working as expected and none of providers are using QRDA 1 for submission and one practice is using QRDA III file for submission.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**6. Measurement /Metric:** - Provider and Patient Engagement through Patient portal

**Measure Description:** - The purpose of this measure is tracking and counting the total number of C-CCDA files were exported to portal and out of those information how many patients/patient authorized users viewed, Downloaded and transmitted that health information to 3rd party providers/practices.

**Associated Criterion:** -

(§ 170.315(e)(1))— View, Download, and Transmit to 3rd party.

(§170.315(h)(1))— Direct Project

**Relied upon Software:** - Meinberg NTP Daemon for NTP, Surescripts N2N.

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 10

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement:** -

Number of patients accessed or logged into patient portal: - 1683

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Provider and Patient Engagement through Patient portal, we tracked the real world usage of our Medics patient portal by tracking the audit log activity of accessing the health information like view, download or transmit and generated a report for metric purpose based on a specified time interval.

We have identified that not all patients are using the patient portal, some practices have high registered users but the not seen the login activity and those patients actively using the portal have accessed he health summary available in portal.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**7. Measurement /Metric: - Exporting Immunization Data to State Registries**

**Measure Description:** - The purpose of this measure is tracking how a user can export/ query (bi-directional) communication the vaccination data to State registries from EHR.

**Associated Criterion:** - (§ 170.315(f)(1)) Transmission to Immunization Registries

**Relied upon Software:** - N/A

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 5

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement: -**

No of immunization records successfully submitted: - 1487

No of patient immunization queries: - 237

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Exporting Immunization Data to state registries, we tracked the activity of exporting and querying the vaccination data in live clients environment reporting to various Immunization Information Systems and verified the audit log activity on these transactions.

Practices registered with Immunization registries are exporting the vaccination data on daily and weekly basis and query the vaccination records are quite less when compared to export.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**8. Measurement /Metric: - Exporting Syndromic surveillance Data to State Registries**

**Measure Description:** - The purpose of this measure is tracking how a user can create syndromic surveillance message and can sent that message to Syndromic Surveillance registries from EHR.

**Associated Criterion:** - (§ 170.315(f)(2)) Transmission to Public Health Agencies – Syndromic surveillance

**Relied upon Software:** - N/A

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:-**

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 0

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement: -**

No of Syndromic surveillance messages generated: - 2

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Exporting Syndromic surveillance Data to State Registries, as there are no live clients reporting to National Syndromic Surveillance Program so



we tested this by generating a registration and discharge file and reviewed the audit log activity of these certified HIT module in a local environment and the verification was successful.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**9. Measurement /Metric: - Exporting Cancer Cases patient information Data to State Registries**

**Measure Description:** - The purpose of this measure is tracking how a user can capture and generate cancer case CCDAs and submit it electronically from EHR.

**Associated Criterion:** - (§ 170.315(f)(4)) Transmission to Cancer Registries

**Relied upon Software:** - N/A

**Care Settings:** - Internal Medicine, Family Medicine, Urology, Cardiology and Neurology

**Outcome:** -

Total Practices Queried: - 10

Practices reporting Results/ Utilizing Certification Functionality: - 0

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement:** -

No of Cancer case files generated: - 2

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings: -**

For Real World testing of the measure Exporting Cancer Cases patient information Data to State Registries, as there are no live clients registered for Cancer Case Reporting, so we tested this by generating a cancer case registry CCDAs and validated it at Edge testing tool and the validation was successful and also verified the audit log activity information of cancer registry CCDAs file generation in the certified HIT module in a local environment.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

## **10. Measurement /Metric: - Application Programming Interfaces**

**Measure Description:** - The purpose of this measure is to provide patient data access from EHR to 3rd party applications with proper authentication through API request.

**Associated Criterion:** -

(§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

**Relied upon Software:** - N/A

**Care Settings:** - As API functionality is applicable to all targeted clients and we don't have any live clients using this functionality we will test this measure in a staging environment and will verify the certified functionality is working as per the requirement.

**Outcome:** -

Practices reporting Results/ Utilizing Certification Functionality: - 0

Reporting Interval: - 3 months (Oct 1<sup>st</sup> 2022 to Dec 31<sup>st</sup> 2022)

**Testing Metric/Measurement:** - We tested the API functionality in an Internal medicine practice in a staging environment with fake but realistic patient data using API and it reported 100% success across all test scenarios.

Success rate of this measure as per the implemented standards is 100%.

**Summary of testing methods and key Findings:** -

For Real World testing of the measure Application Programming Interfaces, we tracked the audit log activity of the API request access and tested the data category request information from and it is working as per the certified HIT module requirement.

While we did not have any live clients using this API functionality in production, we tested this functionality at a practice in staging environment.

**Challenges Encountered or Non-Conformities:-**

During our testing we did not encounter any challenges or criteria non-conformities.

**Changes to Real World Test Plan: -**

We did not make any changes for our documented Real World Test Plan in our testing methods or metrics.

**KEY MILESTONES: -**

**Milestone 1Q 2022:** - Communicated with clients for their support and participation on real world testing program and the goal is to have a sufficient number of clients to conduct RWT.

Status: - Met

**Milestone 2Q – 4Q 2022:** - Conducted Real world testing with the identified clients and updated the status in Real World test results document. Prepared RWT test plan for CY 2023 and uploaded in ADSC portal.

Status: - Met

**Milestone 1Q 2023:** - Submit the RWT test report to ONC-ACB.

Status: - Met.