

REAL WORLD TESTING RESULTS REPORT

GENERAL INFORMATION

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

Developer Name: MPN Software Systems, Inc.

Product Name(s): ECLIPSE Spectrum

Version Number(s): v3

Certified Health IT Product List (CHPL) Product Number(s): 15.04.04.1853.ECLI.03.01.1.221227

Developer Real World Testing Plan Page URL:

https://eclipsepracticemanagementsoftware.com/wp-content/uploads/2022/10/RWT-Plan-2023-MPN_v1-002.pdf

Developer Real World Testing Results Report Page URL [if different from above]: (Need to add the new URL once available on the website)

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.

No, none of my products include these voluntary standards.

Standard (and version)	USCDIv1
Updated certification criteria and associated product	170.315(g)(10) - Standardized API for Patient and Population Services- ECLIPSE Spectrum V3
CHPL Product Number	15.04.04.1853.ECLI.03.01.1.221227
Conformance measure	Application Programming Interfaces (APIs)

Care Setting(s)

List each care setting that was tested.

Chiropractic & Chiropractic based Multi-Disciplinary Outpatient care

Metrics, Outcomes and Key Findings

Measurement/Metric: Care Coordination

Associated Criterion: 170.315(b)(1) - Transitions of Care

Testing Methodology: Reporting/Logging

Measurement Description:

- This measure is tracking and counting how many C-CDAs are created and successfully sent and received from the EHR Module to a 3rd party via Direct messaging during a transition of care event over the course of a given interval.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Testing Metric/Measurement: Number of C-CDA Successfully Sent/received and passing the edge testing tool
- Number of referral patients- 0
- Number of C-CDAs received - 0
- Number of C-CDA generated for existing patients- 269
- Number of C-CDA sent and received for referral patients- 0
- Number of errors reported in the generated CDAs - 0

Analysis and Key Findings

- Our results reveal our EHR Module functionality is working as expected, but it also shows that this is not a feature our clients are regularly using in their day-to-day workflows.

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Care Coordination

Associated Criterion: 170.315(b)(2) - Clinical Information Reconciliation and Incorporation

Testing Methodology: Data Import, Processing and Validation

Measurement Description:

- This measure is tracking and counting how many C-CDAs are successfully received and/or incorporated upon receipt from a 3rd party via Direct messaging during a transition of care event over the course of a given time frame.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Testing Metric/Measurement: Number of C-CDA Successfully Reconciled/Incorporated
- Number of referral patients- 0
- Number of C-CDAs received - 0
- Number of C-CDA incorporated & reconciled - 0

Analysis and Key Findings

- Our results reveal our EHR Module functionality is working as expected, but it also shows that this is not a feature our clients are regularly using in their day-to-day workflows.

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Care Coordination

Associated Criterion: 170.315(b)(6) – Data Export

Testing Methodology: Data Export and Validation

Measurement Description:

- This measure is tracking and counting how many batch exports of C-CDAs were successfully performed by the EHR Module over the course of a given interval

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Testing Metric/Measurement: Number of C-CDA Batch Exports Sent and passing the edge testing tool
- Total number of patients for whom Data Export is performed in the reporting interval – 11031
- Number of errors identified across each patient data export document – NA, only warnings are reported

Analysis and Key Findings

- While we had no practices using our individual batch export functionality, we do have several clinics who use batch exporting to create patient summary backup

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Clinical Quality Measures

Associated Criterion: 170.315(c)(1) – 170.315(c)(3) Data Export, Submission and Validation

Testing Methodology: Reporting/Logging

Measurement Description:

- This measure is tracking and counting how many eCQM quality measures were successfully reported on by the EHR Module to CMS over the course of a given interval.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 12 months (Jan 1, 2023 through Dec 31, 2023)
- Testing Metric/Measurement: eCQMs Calculated & presented to customers
 - 4 different eCQMs across different providers
 - CMS 50
 - CMS 68
 - CMS 69
 - CMS 122
 - As these are ambulatory clinicians, only CAT3 files are generated
 - All generated files, have 0 errors in Cypress tool v7.0
 - As there are no provider movements, there are no patients for import – 0

Analysis and Key Findings

- Our results reveal our EHR Module functionality is working correctly as we no reported issues.

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Patient Engagement

Associated Criterion: 170.315(e)(1) - View, Download, and Transmit to Third Party

Testing Methodology: Patient Engagement, Logging and Reporting

Measurement Description:

- This measure is tracking and counting how many patients are successfully logged into and accessed their patient portal account over the course of a given interval.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Testing Metric/Measurement: Number of Patients Who Access or Logged into Patient Portal and transmit the messages.
- Number of patients who are given access to portal – 127
- Clinical Summaries uploaded on time - 127
- Number of patients who verified the summaries – 13

Analysis and Key Findings

While this practice reporting showed < 90% patients were provided with access to the patient portal and all the patients received the C-CDA documents in their portal accounts. The results also show that > 10% of the patients logged into the patient portal.

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Public Health

Associated Criterion: 170.315(f)(1) - Transmission to immunization registries

Testing Methodology: Reports and Logs

Measurement Description:

- This measure is tracking and counting how many immunization messages are created and successfully sent from the EHR Module to an IIS/immunization registry over the course of a given interval.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Testing Metric/Measurement: Number of Immunization Messages (HL7) Successfully Sent.
- HL7 messages sent – 0 (As these are chiropractors, they don't prescribe immunizations)
- Testing Metric/Measurement: Number of Patient Immunization History Queries
- Number of patients for whom Immunization history is queried – 0 (Same reason as above)

Analysis and Key Findings

These are chiropractors and they don't prescribe or verify Immunizations details

Non-Conformities or Errors Discovered:

- However, during our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Public Health

Associated Criterion: 170.315(f)(2) - Transmission to public health agencies –syndromic surveillance

Testing Methodology: Export and Validation

Measurement Description:

- This measure is tracking and counting how many syndromic surveillance messages were generated in the HL7 v2.5.1 ADT format according to the HL7 v2.5.1 PHIN Messaging Guide from the EHR Module over the course of a given interval.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Testing Metric/Measurement: Number of syndromic surveillance messages were generated in the HL7 v2.5.1 ADT format and send to public health registry
- Number of patients for whom ADT messages are generated – 10019
- Number of patients for whom ADT messages are transmitted to registry - 10019

Analysis and Key Findings

- For the selected practice, generating the syndromic surveillance ADT messages in HL7 format was more than 85% and it also confirms that the system has the ability to successfully demonstrate the interoperability of patient's syndromic data to public health registry.

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Application Programming Interfaces (APIs)

Associated Criterion: 170.315(g)(7) & 170.315(g)(9) - Application access— Patient selection and Application access—all data request

Testing Methodology: Interoperability and Data Exchange/Logging

Measurement Description:

- This measure is tracking compliance of the EHR Module criteria functionality of support of API query of patient data resources

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- We tested the FHIR API functionality via the API client (Postman). We used fake but realistic patients' data and tested against the Edge test tool. For each one, we reported 100% success across all test scenarios.

Analysis and Key Findings

- While we do not yet have any FHIR applications using our APIs in production, our results indicate they should be able to successfully connect with our server.

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Application Programming Interfaces (APIs)

Associated Criterion: 170.315(g)(10) - Standardized API for Patient and Population Services

Testing Methodology: Number of API calls requested for US Core profile(s)

Measurement Description:

- This measure is tracking and counting how many API calls are made for sharing data with third parties using US Core Profiles FHIR resources.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Number of APUs that activated patient-centric APIs- 0
- Number of APUs that activated provider-centric APIs- 0
- Number of APUs that activated bulk/backend services APIs- 0

Analysis and Key Findings

- Our results reveal our EHR Module functionality is working as expected, but it also shows that this is not a feature our clients are regularly using in their day-to-day workflows.

Non-Conformities or Errors Discovered:

During our testing, we did not discover any errors or criteria non-conformities.

Measurement/Metric: Electronic Exchange

Associated Criterion: 170.315(h)(1)- Direct Project

Testing Methodology: Direct messaging send and receive

Measurement Description:

- This measure is will check Functionality to send and receive direct messages from a designated Direct address of the user/organization.

Care Settings and Number of Clients Site to Test:

- We designed this measure for all the ambulatory care settings that we support (Chiropractic). We worked with one of our client practices to give us an appropriate sample to effectively evaluate our product's interoperability and functionality of their criteria.

Testing Results:

- The ECLIPSE EHR application was able to successfully send Direct message to a ETT Direct To email address formatted as a wrapped message. The system is able to consume, process, and display the Direct message received from a third party. The encrypted message were successfully decrypted and validated the received Direct messages which were received from the EHR application. However, there is no live usage of the current capability.
- Practices Queried: 1
- Reporting Interval: 3 months (Apr 1, 2023 through Jun 30, 2023)
- Number of patients for whom clinical communication is exchanged between providers - 0

Non-Conformities or Errors Discovered:

- During our testing, we did not discover any errors or criteria non-conformities.

KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Began communication with clients to ask for their support and participation in real world testing. The goal is to have a sufficient number of clients committed for real world testing by the end of 1Q-2023.	Chiropractic	1Q-2023
During the second quarter of CY 2023, real world testing was performed and the results were documented in the test results section.	Chiropractic	2Q- 2023

ATTESTATION

This Real World Testing 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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