

REAL WORLD TESTING RESULTS

GENERAL INFORMATION

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

Developer Name: EyeMD EMR Healthcare Systems, Inc.

Product Name(s): EyeMD Electronic Medical Records

Version Number(s): Version 2

Certified Health IT Product List (CHPL) Product Number(s): 15.04.2725.EyeM.02.00.1.190501

Developer Real World Testing Plan Page URL: <https://www.eyemdemr.com/mips/>

Developer Real World Testing Results Report Page URL [if different from above]:

SUMMARY OF TESTING METHODS AND KEY FINDINGS

The test plan focused on capturing and documenting the number of instances that certified capability was successfully utilized in the real world. In instances where no evidence existed due to zero adoption of a certified capability or the inability to capture evidence of successful use for other reasons, we demonstrated the required certified capability in a semi-controlled setting as close to a “real world” implementation as possible.

This test was developed to demonstrate that the certified capabilities have been successfully deployed for providers to use at their discretion in live settings.

We used a 3-fold approach to demonstrate successful real-world implementations.

- Adoption Rate
- Summative Testing
- Interactive Testing

Adoption rate was used to determine if/when certified capability was being used in the real world and to help identify differences in care settings. Evidence of high rates of implementation and usage indicate (but don't by themselves prove) a certified capability's usefulness and practical value. Evidence of low rates of implementation and usage might indicate a potential problem, of which there could be several different causes.

Summative assessments were used to measure which certified actions were performed at the conclusion of a given time period. These were conducted by generating reports and examining audit logs from within the certified health IT module to help demonstrate the frequency of actions within the given time frame, and where possible, whether those actions were successful or unsuccessful. High success rates should be an indicator of a successful implementation of a given certified capability in a real-world setting.

Interactive testing was used to demonstrate conformance to requirements where the adoption rate of a given certified capability was zero and was used to demonstrate ongoing compliance with updated standards and code sets (SVAP). Interactive tests required a live test as opposed to examining historical usage statistics. The goal is to allow a user to demonstrate the certified Health IT module being used in a way consistent with their own practice or care setting.

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)	USCDI Version 3
Updated certification criteria and associated product	EyeMD EMR Version 2.0
CHPL Product Number	15.04.2725.EyeM.02.00.1.190501
Conformance measure	

Care Setting

Care Setting	Justification
Ambulatory Vision Care Providers (MDs, DOs, and ODs)	Being a specialty specific EMR, EyeMD EMR is expected to work the same across all ambulatory care settings for both medical-based practices as well as refractive/optical practices.

Metrics and Outcomes

ADOPTION RATES

The following metrics are applicable to all criteria and all care settings. These metrics were not used directly to demonstrate interoperability or conformance to certification criteria. They were primarily used to help determine the participants that will be in scope for this evaluation. They can also aid with the justification for other metrics by providing additional context (i.e., extremely low adoption rates for certain certified capabilities will necessitate a different approach to testing).

Metric	Description
Number of licensed installs/users of EHR <ul style="list-style-type: none"> The definition of a “license” is dependent upon the model used (e.g., total number of systems, total number of seats per license, etc.) 	2,560 Providers
Number of active installs/users of EHR	2,132 Providers

The following metrics are applicable to all criteria that are licensed separately from the base license and all care settings.

Metric	Description
Certified capabilities that are licensed separately	E-Prescribing
Number of installs/users who licensed a certified capability	2,007 providers utilizing E-Prescribing
Number of installs/users that have used the certified capability in the preceding 365 days	2,007 providers who have utilized E-Prescribing

SUMMATIVE ASSESSMENT METRICS

The following metrics were measured by viewing audit logs and reporting systems available to track the behavior of the certified Health IT module during a given time frame. All metrics were designed to reflect the core elements of the criteria, demonstrate interoperability, and demonstrate the success rate of the certified capability being used. In most cases we elected to record these metrics over a 90-day period to reflect the reporting periods typically required for compliance with the federal incentive programs.

The continued measurable use of certified capabilities will provide implicit evidence of successful implementation of the required certified capability. This is especially meaningful in cases where interoperability with outside systems is demonstrated. In cases where it is not possible to determine “success” via an explicit confirmation by a receiving system, success will be defined as a transmission was made where no error was received from the destination system or its intermediaries. Additionally, reviewed internal customer and vendor issue tracking systems for reports of failures or unsatisfactory performance in the field.

<p>170.315(g)(7) Application access — patient selection</p>	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> 1) 89 2) 88 3) 16,046 	<p>We recorded the frequency that patient ID requests were received by providers via API to demonstrate the certified capability is available and effective, regardless of the frequency it was used.</p> <p>Our expectation was there will be low utilization by providers with a high success rate.</p> <p>Our expectation was in alignment, but are seeing a slow increase in adoption.</p>
<p>170.315(g)(9) Application access — all data request</p>	<ol style="list-style-type: none"> 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 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 for a specific date range 	<ol style="list-style-type: none"> 1) 6 2) 0 	<p>The plan was to record the frequency that patient data requests for all categories were received by providers and fulfilled via API to demonstrate the certified capability is available and effective, regardless of the frequency it is used.</p> <p>Our expectation was there will be low utilization by providers with a high success rate.</p>
<p>170.315(g)(10) Standardized API for patient and population services</p>	<ol style="list-style-type: none"> 1) Number of authorized Patient Applications 2) Number of authorized Provider Applications 3) Number of authorized Bulk Applications 4) Number of Patient API Registrations 	<ol style="list-style-type: none"> 1) 3 2) 3 3) 4 4) 507 	<p>The plan was to record the frequency that data is requested via FHIR applications to demonstrate that the certified capability is available and effective.</p> <p>Our expectation is that there will be a low utilization with a high success rate.</p> <p>Adoption for API connections continues to have a very slow adoption rate among EyeMD EMR users.</p>

Associated Criterion	Metric	Outcomes	Challenges Encountered/Analysis
170.315 (g)(7): Application Access - Patient Selection meets 170.315	Functional Demonstration	Worked as designed	Outcome confirmed via Inferno test tool: <ul style="list-style-type: none"> • Patient ID is accepted, and token is returned • Patient CCDS or USCDI data is visible in the app as either discreet data fields or as a CCDA
(g)(9) Application Access – All Data Request			

SCHEDULE OF KEY MILESTONES

Scheduling and logistics: Developed and completed by Dec 2024

Data Collection: Majority of observations and data collection completed by end of Dec 2025

Review & Collate data: Data review completed Jan 2026.

Writing of Report: Report completed at the end of January 2026.

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 plan is up to date and fully addresses the Health IT Developer’s Real World Testing requirements.

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