

# Real World Testing Report - CY2025

## Royal Solutions 5

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## GENERAL INFORMATION

Report ID Number	
Developer Name	Royal Health, Inc
Product Name(s)	Royal Solution
Version Number(s)	5
Certified Health IT Product List (CHPL) ID(s)	15.04.04.2845.Roya.05.00.1.211229
Developer Real World Testing PLAN Page URL	<a href="https://info.royalsolutionsgroup.com/certifications">https://info.royalsolutionsgroup.com/certifications</a>
Developer Real World Testing RESULTS Page URL	<a href="https://info.royalsolutionsgroup.com/certifications">https://info.royalsolutionsgroup.com/certifications</a>

# CHANGES TO ORIGINAL PLAN

Summary of Change	Reason	Impact
This report includes only the certification criteria at §170.315(g)(7), (g)(8), and (g)(10).	Pursuant to Executive Order 14192, ASTP/ONC is exercising enforcement discretion for certain Real World Testing requirements under the ONC Health IT Certification Program. As a result, only criteria that remain subject to enforcement for calendar year 2025 are included in this report.	Accordingly, this report presents results only for Measure 4: Use of API to access patient data as defined in the 2025 Real World Testing Plan. All other planned measures are excluded because they are no longer required for the 2025 reporting year.

# SUMMARY OF TESTING METHODS AND KEY FINDINGS

This is our third Real World Testing (RWT) report for Calendar Year (CY) 2025 for our certified EHR product, Royal Solutions. This document presents the test results for Measure 4: Use of API to Access Patient Data, as defined in the Real-World Testing Plan for CY 2025, which describes our testing approach and selected measures.

Results for Measure 4 indicate that clinics, end users, and third-party developers are not currently using the FHIR API for data access, and we have not received any requests for third-party integration.

To verify functionality, we conducted internal testing using the Inferno tool in our non-production environment with a DEMO account simulating clinic workflows and synthetic data. Testing confirms that the certified API features are functioning as intended.

The low adoption of this measure appears to be due to several factors: the functionality has only been available for approximately three years, many clients already use other data access methods that reduce the demand for external FHIR API access, implementation requires technical configuration on the customer side, and no third-party integration requests have been received.

Despite low usage, our testing confirms the API performs as certified. We will continue to monitor API adoption and provide support to customers and partners to facilitate FHIR-based access as demand increases.

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

For CY 2025 RWT testing, we did not do any SVAP updates.

### Care Setting(s)

Our product is used for ambulatory settings and is primarily targeted for imaging centers. This is the main setting that was used for measuring the metrics for this report.

## Metrics and Outcomes

### Measure 4: Use of API to access patient data.

Measure	Use of API/FHIR API to access to patient data
Relied Upon software	EMR direct
Associated criterion(a)	170.315(g)(7), 170.315(g)(9) , 170.315(g)(10) ,
Outcomes	<p>Royal Solutions EHR has not yet observed user adoption of the available FHIR API, making data collection for this measure unfeasible from real clients. To verify the API's functionality, comprehensive testing was conducted within our mirror Production environment utilizing a DEMO account and the Inferno Standardized API Test Kit. Following these tests, data was gathered from system logs to confirm that the API's core functions are operating as intended.</p> <ul style="list-style-type: none"><li>• # of Requests to connect/authenticate to the FHIR service Demo account: 15</li><li>• # of API calls to retrieve data categories</li></ul>

		Demo account: 3348	
Challenges Encountered	Because this functionality was introduced in 2023 and remains in early stages of adoption, usage has been limited. At this time, no applications are accessing data through the API, and no requests have been received from third-party developers seeking to integrate with it. As a result, our ability to evaluate API usage in live production environments has been limited, and testing has primarily relied on internal and simulated workflows.		

## SCHEDULE OF KEY MILESTONES

Key Milestone	Date/Timeframe
Create queries that will be used for the metrics and test with internal data.	Q3 2025
Data Collection	Q4 2025
Analysis and report creation	Q1 2026
Submit Real World Testing report	Q1 2026