

# REAL WORLD TESTING RESULTS

## GENERAL INFORMATION

**Plan Report ID Number:** 20231012tri

**Developer Name:** TriMed Technologies

**Product Name(s):** TriMed Complete, e-Medsys E.H.R.

**Version Number(s):** 1, 8

**Certified Health IT Product List (CHPL) Product Number(s):**

15.05.05.3103.TRIC.01.00.1.190820 – TriMed Complete

15.05.05.3103.TRI8.01.00.1.190111– eMedsys E.H.R.

**Developer Real World Testing Plan Page URL:** <https://www.trimedtech.com/RWTPlan>

**Developer Real World Testing Results Report Page URL [if different from above]:** N/A

## SUMMARY OF TESTING METHODS AND KEY FINDINGS

TriMed developed several metrics to test Real World interoperability. These metrics allowed us to gather data for criteria requiring real world testing in each clinical setting. The sample size for testing is all practices. We were able to record successes and failures in testing to analyze how well our clients performed in testing. We found that our testing metrics worked well for year 2024 and we did not face any challenges in capturing the data for analysis.

**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>	No Standards Updates
<b>Updated certification criteria and associated product</b>	
<b>CHPL Product Number</b>	
<b>Conformance measure</b>	

**Care Setting(s)**

Family Practice, Pediatrics, OB/GYN, Orthopedics, Dermatology, Gastroenterology, ENT, Pain Management, Reproductive Health, Ophthalmology

## Metrics and Outcomes

### Metric 1: CCD Sending, Receiving and Reconciling

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Metric 1	B(1), B(2), B(7), B(8), B(9), B(10), F(7), E(1)	SureScripts Net2Net	<p>Providers were able to share EHI with other providers and patients using approved transmission methods.</p> <p>Authorized users were able to reconcile and incorporate EHI into patient's charts.</p> <p>Authorized users were able to export and import CCDs containing confidential information.</p> <p>Authorized users were able to export CCDs, Care Plans, Health Care Surveys, and EHI at any time.</p> <p>Patients were able to view/download/transmit CCDs through our patient portal.</p> <p>We achieved our expected success rate.</p>	N/A

Metric	Value
Exported CCD Documents	596,039
Imported CCD Documents	3,616
Reconciled CCD Documents	3,148

**Metric 2: API Access**

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Metric 2	G(7), G(9), G(10)	N/A	Authorized users were successfully able to access EHI via our Patient Data API. We achieved our expected success rate.	N/A

Metric	Value
Get Patient Demographic	5,870,359
Get Patient Immunization	618,177
Get Patient Medication	10,419
Lookup Patient ID	19,192,874
Get Patient Lab Order	10,215

### Metric 3: Immunizations

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Metric 3	F(1)	N/A	Authorized users were able to successfully send immunizations to a registry using HL7 2.5.1 standard. The only errors we have are from outside TriMed's environment that cannot be controlled by TriMed. We achieved our expected success rate.	N/A

Metric	Value
VXU (messages sent)	1,909,638
QPB Requests (messages requested)	1,704,959
Error RSP (messages received with errors)	209,009
Success RSP (messages received with no errors)	1,495,950

**Metric 4 - e-prescribing**

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Metric 4	B(3)	N/A	Authorized users were able to electronically send/receive prescription-related messages. We had a very high success rate for sending and receiving.	N/A

Metric	Value
New Rx	1,789,102
EPCS	194,045
Renewal Requests	278,061
Renewal Responses	130,824
Cancel Rx Messages	11,085
Change Requests	9,256

**Metric 5: Secure Messaging**

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Metric 5	H(1)	SureScripts Clinical Direct Messaging	Authorized users were able to securely send and receive direct messages using the direct project protocol. We had a very high success rate for sending and receiving.	N/A

Metric	Value
Direct Mail Messages Sent	56,311
Direct Mail Messages Sent with attached CCD	48,484
Direct Mail Messages Inbound	125,867
Direct Mail Messages Inbound with attached CCD	69,178

## Metric 6 - Syndromic Surveillance

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Metric 6	F(2)	N/A	<p>Authorized users were able to successfully send syndromic surveillance data to a public health agency using HL7 2.5.1 standard.</p> <p>The only errors we have are from outside TriMed's environment that cannot be controlled by TriMed.</p> <p>We achieved our expected success rate.</p>	N/A

Metric	Value
No clients utilized Syndromic Surveillance during the reporting period.	

### Additional Details

We successfully validated the functionality of the Syndromic Surveillance Module, confirming that it operates as designed. Testing was conducted in a simulated production environment within our demo/beta testing platform.

The module was evaluated using the NIST HL7v2 Syndromic Surveillance Test Suite (version 1.7.3), which offers multiple test case options. For this assessment, we utilized the SS-UC-1\_Visit\_Influenza\_Child test case.

In the TriMed environment, we entered patient data that aligned with the test case criteria, including patient demographics, visit information (diagnoses, chief complaint), height, weight, and relevant social history data (e.g., smoking status). At key workflow points, the TriMed EHR generated HL7 ADT Registration and HL7 ADT Discharge event messages.

The HL7 messages underwent visual inspection and were verified using our in-house HL7 message validator, with all checks passing successfully. Subsequently, the messages were uploaded into the NIST HL7 validation tool to confirm compliance and ensure no errors were present. The validation results indicated that both HL7 files were error-free.

This testing confirms that the Syndromic Surveillance Module meets the required standards for accurate and compliant HL7 message generation.

**Metric 7: TriMed Quality Measure System**

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
TriMed Quality Measure System	C(1), C(2), C(3)	N/A	Authorized users were able to collect EHI for CQM purposes and export QRDA 1 and QRDA 3 reports if necessary. Authorized users were able to import and calculate QRDA 1 files. We achieved our expected success rate.	N/A

Metric	Value
CQM Jobs Executed	8791
QRDA I Exported	79
QRDA III Exported	51

## KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Began Real World Testing	All Care Settings	January 2024
Analyzed RWT results quarterly	All Care Settings	Quarterly 2024
Ended RWT for 2024 and analyzed results	All Care Settings	December 2024