



Health IT Certification Program

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REAL WORLD TESTING PLAN

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

Product List (CHPL) ID(s): 15.05.05.3103.TRIC.01.00.1.190820, 15.05.05.3103.TRI8.01.00.1.190111

Developer Real World Testing Page URL: <https://trimedtech.com/RWTplan>

JUSTIFICATION FOR REAL WORLD TESTING APPROACH

TriMed has developed a MU management system that tracks various 2015 Edition criteria for compliance and will be used for the purposes of Real World Testing. All criteria, including criteria required for Real World Testing will be tracked through this system. Real world data is captured by the system for analysis to determine successful Real World Testing.

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

Standard (and version)	No Standards Updates
Updated certification criteria and associated product	
Health IT Module CHPL ID	
Method used for standard update	
Date of ONC-ACB notification	
Date of customer notification (SVAP only)	
Conformance measure	
USCDI-updated certification criteria (and USCDI version)	



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MEASURES USED IN OVERALL APPROACH

DESCRIPTION OF MEASUREMENT/METRIC

Measurement/Metric	Description / Care Settings
TriMed MU Management System Metric 1	TriMed has developed a MU management system metric to accurately record when a CCD is successfully exported, imported, reconciled, or exchanged using Edge protocol technology via the Certified Health IT. It also includes tracking CCD's for sending and receiving confidential information, Care Plan, Health Care Surveys and Electronic Health Information. Metric 1 will also record any failures in exporting, importing, reconciling, or exchanging using Edge protocol technology. We also track e(1) through our patient portal using this metric. This metric will address ALL care settings.
TriMed MU Management System Metric 2	TriMed has developed a MU management system metric to audit all events regarding Application Access (G7, G9, G10). The audit includes searching for patients and data pulled from a patient's chart via our Patient Data API and our FHIR API. The audit will also collect any failed attempts to fetch data from our API. This metric will address ALL care settings.
TriMed MU Management System Metric 3	TriMed has developed a MU management system metric to accurately record when an immunization is sent to an immunization registry. We will also record any failed attempts to send an immunization to a registry. This metric will address Family Practice and Pediatric settings only. We feel that the other care setting will not be administering immunization that will be sent to a registry.
TriMed MU Management System Metric 4	TriMed has developed a MU management system metric to record prescription related messages that have been sent/received electronically. This metric will also record any failed attempts to send prescription related messages electronically. The Certified Health IT has been updated to the new SCRIPT standard. This metric will address ALL care settings.
TriMed MU Management System Metric 5	TriMed has developed a MU management system metric that records when a direct message is sent or received securely in the Certified Health IT. This metric will also record any failed attempts during transmission. This metric will address ALL care settings.
TriMed MU Management System Metric 6	TriMed has developed a MU management system metric to accurately record when an authorized user transmits syndromic surveillance data to a public health agency. We will also record any failed attempts to transmit syndromic surveillance data to a public health agency. This metric will address ALL care settings.
TriMed Quality Measure System	TriMed's Quality Measure can calculate CQM measures and export QRDA 1 and QRDA 3 documents according to standard 170.205(h)(2). This measure can also record if a QRDA 1 file is imported and calculated in the system. This metric will also record any failed attempts when calculating CQM measures, exporting QRDA 1 and QRDA 3 documents or import and calculate QRDA 1 files. This metric will address ALL care settings.



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ASSOCIATED CERTIFICATION CRITERIA

Measurement/Metric	Associated Certification Criteria	Relied upon Software (if applicable)
TriMed MU Management System Metric 1	<i>B(1), B(2), B(7), B(8), B(9), B(10), F(7), E(1)</i>	<i>SureScripts Net2Net (b1)</i>
TriMed MU Management System Metric 2	<i>G(7), G(9), G(10)</i>	<i>none</i>
TriMed MU Management System Metric 3	<i>F(1)</i>	<i>none</i>
TriMed MU Management System Metric 4	<i>B(3)</i>	<i>none</i>
TriMed MU Management System Metric 5	<i>H(1)</i>	<i>SureScripts Clinical Direct Messaging</i>
TriMed MU Management System Metric 6	<i>F(2)</i>	<i>none</i>
TriMed Quality Measure System	<i>C(1), C(2), C(3)</i>	<i>none</i>

JUSTIFICATION FOR SELECTED MEASUREMENT/METRIC

Measurement/Metric	Justification
TriMed MU Management System Metric 1	<p><i>Metric 1 will log authorized users sending a CCD that uses Edge protocols, for purposes of transition of care, securely via direct or smtp protocols.</i></p> <p><i>Metric 1 will log authorized users performing clinical reconciliation/incorporation of a CCD in a patient's chart. (B-2)</i></p> <p><i>Metric 1 will log when authorized users export a CCD that contains confidential information. (B-7)</i></p> <p><i>Metric 1 will log when authorized users import a CCD that contains confidential information. (B-8)</i></p> <p><i>Metric 1 will log when authorized users export a Care Plan (B-9)</i></p> <p><i>Metric 1 will log when authorized users export EHI from our EHR or patient portal (B-10)</i></p> <p><i>Metric 1 will log when authorized users export a Health Care Survey (F-2)</i></p>

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	<i>Metric 1 will log when patients and authorized representatives view/download/transmit a CCD, that uses Edge protocols, securely through our patient portal. (E-1)</i>
TriMed MU Management System Metric 2	<i>Metric 2 will collect logs of authorized users using TriMed's Patient API to access patient data in USCDI v2 formatting and any authorized user access our FHIR API to access patient data. The logs will provide successful searching for a patient and accessing patient data.</i>
TriMed MU Management System Metric 3	<i>The Certified Health IT can send immunizations to an immunization registry using HL7 standard 2.5.1 and accurately record that it has been sent. Using this metric, we can test f(1) in a real world setting.</i>
TriMed MU Management System Metric 4	<i>The Certified Health IT is using the SCRIPTS standard. Users will create and electronically send/receive prescription related messages using this standard. Metric 4 will capture that these prescription messages were successfully sent electronically using the SCRIPTS standard.</i>
TriMed MU Management System Metric 5	<i>Metric 5 will log when secure messages are sent or received by authorized users using the Direct Project protocol. Logs will indicate successful transmission of messages and will also include any errors during transmission.</i>
TriMed MU Management System Metric 6	<i>The Certified Health IT can send syndromic surveillance data to a public health agency using HL7 standard 2.5.1 and accurately record that it has been sent. Using this metric, we can test f(2) in a real world setting.</i>
TriMed Quality Measure System	<i>The Certified Health IT can collect data for CQM purposes. TriMed's Quality Measure system can gather data collected for attestation on certified CQM measures. The Certified Health IT can export CQM measures into a QRDA 1 or QRDA 3 report using the 170.205(h)(2) standard. It can also import and calculate QRDA 1 files.</i>

CARE SETTING(S)

Care Setting	Justification
Family Practice	We have identified family practice as the best care setting for Real World Testing. We believe a family practice deals with a broad spectrum of health care related issues and would best suit Real World Testing.
Pediatrics	We have several high-volume pediatric practices that we feel would be a good care setting for Real World Testing. Due to the high volume and large number of providers we expect this care setting to be sufficient for Real World Testing.
OB/GYN	We market our products to OB/GYN care setting and have clients that will be eligible for Real World Testing.
Orthopedics	We market our products to Orthopedics care setting and have clients that will be eligible for Real World Testing.

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Dermatologist	We market our products to Dermatologist care setting and have clients that will be eligible for Real World Testing.
Gastroenterologist	We market our products to O Gastroenterologist care setting and have clients that will be eligible for Real World Testing.
ENT	We market our products to ENT care setting and have clients that will be eligible for Real World Testing.
Pain Management	We market our products to Pain Management care setting and have clients that will be eligible for Real World Testing.
Reproductive Health	We market our products to Reproductive Health care setting and have clients that will be eligible for Real World Testing.
Ophthalmologist	We market our products to Ophthalmologist care setting and have clients that will be eligible for Real World Testing.

EXPECTED OUTCOMES

Measurement/Metric	Expected Outcomes
TriMed MU Management System Metric 1	<p><i>We expect providers to share EHI with other providers and patients (or their representatives) using approved transmission methods.</i></p> <p><i>We expect authorized users to reconcile and incorporate EHI into a patient's chart.</i></p> <p><i>We expect authorized users to export and import CCD's that contain confidential information.</i></p> <p><i>We expect authorized users to export Care Plans.</i></p> <p><i>We expect authorized users to export Health Care Surveys.</i></p> <p><i>We expect authorized users to export EHI.</i></p> <p><i>We expect an authorized user can export a CCD, Care Plan, Health Care Survey or EHI at any time.</i></p> <p><i>We expect a 100% success rate for all criteria metric 1 covers.</i></p>
TriMed MU Management System Metric 2	<p><i>We expect an authorized user to successfully access EHI via our Patient Data API.</i></p> <p><i>We expect a 100% success rate for authorized users accessing our Patient API.</i></p>
TriMed MU Management System Metric 3	<p><i>We expect to successfully send immunizations to a registry with standard HL7 2.5.1</i></p> <p><i>We do recognize an error may occur outside of TriMed's environment that may prevent an immunization from being sent to a registry, but we expect no errors will occur because of TriMed's environment.</i></p> <p><i>We expect a success rate higher than 95%.</i></p>
TriMed MU Management System Metric 4	<p><i>We expect authorized users to create and electronically send/receive prescription related messages using the SCRIPTS standard.</i></p> <p><i>We do recognize an error may occur outside of TriMed's environment that may prevent a prescription message to not be sent or received, but we expect no errors will occur because of TriMed's environment.</i></p> <p><i>We expect a success rate higher than 95%.</i></p>
TriMed MU Management System Metric 5	<p><i>We expect authorized users to securely send and receive direct messages using direct project protocols.</i></p>



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	<p><i>We do recognize an error may occur outside of TriMed’s environment that may prevent a direct message to not be sent or received, but we expect no errors will occur because of TriMed’s environment.</i></p> <p><i>We expect a success rate higher than 95%.</i></p>
TriMed MU Management System Metric 6	<p><i>We expect to successfully send syndromic surveillance data to a public health agency with standard HL7 2.5.1</i></p> <p><i>We do recognize an error may occur outside of TriMed’s environment that may prevent the syndromic surveillance data from being sent to a public health agency, but we expect no errors will occur because of TriMed’s environment.</i></p> <p><i>We expect a success rate higher than 95%.</i></p>
TriMed Quality Measure System	<p><i>We expect authorized users to collect EHI for CQM purposes and export QRDA 1 or QRDA 3 if necessary.</i></p> <p><i>We expect authorized users to import and calculate QRDA 1 files if necessary.</i></p> <p><i>We expect 100% success rate for authorized users collecting EHI for CQM purposes, export QRDA 1 or QRDA 3 reports and import and calculate QRDA 1 files.</i></p>

SCHEDULE OF KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Begin Real World Testing for ALL care settings	All Care Settings	January 2024
Collection of data for ALL care settings	All Care Settings	Quarterly 2024
End Real Word Testing for ALL care settings	All Care Settings	December 2024
Collect and Submit Results for ALL care settings	All Care Settings	January 2025

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ATTESTATION

This Real World Testing plan 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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