



Real World Testing Plan

2021

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General Information

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

Developer Name: MEDHOST

Product Name	Version	CHPL ID
MEDHOST Business Intelligence	V6.0	15.04.04.2788.MEDH.06.10.0.210722
MEDHOST EDIS	2017 R1	15.04.04.2788.MEDH.17.01.1.170417
MEDHOST EDIS	2017 R1 SR1	15.04.04.2788.MEDH.17.02.1.170921
MEDHOST EDIS	2018 R1	15.04.04.2788.MEDH.R1.03.1.180925
MEDHOST EDIS	2019 R1	15.04.04.2788.MEDH.19.04.1.181101
MEDHOST EDIS	2018 R1 SR1	15.04.04.2788.MEDH.R1.04.1.190507
MEDHOST EDIS	2019 R1 SR1	15.04.04.2788.MEDH.19.05.1.191111
MEDHOST EDIS	2021 R1	15.04.04.2788.MEDH.21.06.1.200921
MEDHOST Enterprise - Clinicals	2021 R1	15.04.04.2788.MEDH.CL.07.1.210823
MEDHOST Enterprise - Clinicals	2019 R1 SR1	15.04.04.2788.MEDH.CL.05.1.210825
MEDHOST Enterprise - eRx	2019 R1 SR1	15.04.04.2788.MEDH.RX.04.0.190805
MEDHOST Enterprise - eRx	2021 R1	15.04.04.2788.MEDH.RX.06.0.200914
YourCareCommunity Patient Portal with YourCareEverywhere App	V17	15.04.04.2879.Your.PA.12.1.201019
YourCareUniverse API	V8.0	15.04.04.2879.Your.AP.00.0.170126

Developer Real World Testing Page URL: TBD

Justification for Real World Testing Approach

To avoid any additional burden on our clients, MEDHOST will rely on existing data to build reports and pull metrics to continue to monitor the success of the products in the real-world environment. The success of the functionality being tested is not dependent on a single workflow or environment, rather it is a depiction of how well information flows from one setting to another. Specific metrics and reports have been chosen to exemplify the way that the MEDHOST certified products maintain their certified functionality in the real-world environment.

Standards Updates

The Standards Version Advancement Process (SVAP) does not apply to any of the certified versions included in this Real-World Testing plan.

Care Setting

MEDHOST Enterprise Clinicals, eRx, and YourCareCommunity products are marketed to the inpatient acute care, behavioral medicine, rehabilitation, and long-term acute care settings. Regardless of the market, the certified product implementation and functionality remains the same, with the same workflows and information exchange capability. As such, these products will all be tested in the same manner with the testing focused on MEDHOST's primary market, the inpatient environment.

MEDHOST EDIS is marketed to emergency departments and will be tested as such.

MEDHOST Business Intelligence is marketed to inpatient facilities for quality metrics and reporting and will be tested as such.

Overall Approach

Criteria: § 170.315(b)(1) Transitions of care

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
Enterprise 2019 R1 SR1	% of CCDs successfully sent Numerator: Successfully sent Denominator: Send attempts	MEDHOST will measure the number of CCDs generated which are successfully transmitted. This will reflect the real-world success in transmitting CCD records upon the transition of the patient.	> 90% success rate	3-month period
Enterprise 2021 R1	% of CCDs successfully sent Numerator: Successfully sent Denominator: Send attempts	MEDHOST will measure the number of CCDs generated which are successfully transmitted. This will reflect the real-world success in transmitting CCD records upon the transition of the patient.	> 90% success rate	3-month period

Criteria: § 170.315(b)(2) Clinical information reconciliation and incorporation

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
Enterprise 2019 R1 SR1	<p>% of documents received where the attempt to incorporate was successful</p> <p>Numerator: Successfully incorporated</p> <p>Denominator: Received and attempt to incorporate was made.</p>	<p>Upon receipt of a CCD into the MEDHOST Enterprise system the end user then chooses whether to incorporate problems, medications, and/or allergies into the clinical reconciliation documentation. MEDHOST will measure the number of attempts to incorporate information to confirm that the functionality is working as expected in the real-world setting.</p>	> 90% success rate	3-month period
Enterprise 2021 R1	<p>% of documents received where the attempt to incorporate was successful</p> <p>Numerator: Successfully incorporated</p> <p>Denominator: Received and attempt to incorporate was made.</p>	<p>Upon receipt of a CCD into the MEDHOST Enterprise system the end user then chooses whether to incorporate problems, medications, and/or allergies into the clinical reconciliation documentation. MEDHOST will measure the number of attempts to incorporate information to confirm that the functionality is working as expected in the real-world setting.</p>	> 90% success rate	3-month period

Criteria: § 170.315(b)(3) Electronic prescribing

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
<p>EDIS 2017 R1, 2017 R1 SR1, 2018 R1, 2019 R1, 2019 R1 SR1 and 2021 R1</p> <p>NOTE: The functionality is unchanged between versions and the metrics reported will reflect all versions in one report.</p>	<p>% of prescriptions successfully sent</p> <p>Numerator: Successfully sent</p> <p>Denominator: Send attempts</p>	<p>MEDHOST interfaces with SureScripts for its ePrescribing functionality. As such, MEDHOST will measure the number of prescriptions providers attempt to send and compare that to the number of prescriptions successfully sent to SureScripts to confirm that the functionality is working as expected in the real-world setting.</p>	<p>> 90% success rate</p>	<p>3-month period</p>
<p>Enterprise 2019 R1 SR1, 2021 R1 and Enterprise eRx 2019 R1 SR1, 2021 R1</p> <p>NOTE: The functionality is unchanged between versions and the metrics reported will reflect all versions in one report.</p>	<p>% of prescriptions successfully sent</p> <p>Numerator: Successfully sent</p> <p>Denominator: Send attempts</p>	<p>MEDHOST interfaces with SureScripts for its ePrescribing functionality. As such, MEDHOST will measure the number of prescriptions providers attempt to send and compare that to the number of prescriptions successfully sent to SureScripts to confirm that the functionality is working as expected in the real-world setting.</p>	<p>> 90% success rate</p>	<p>3-month period</p>

Criteria: § 170.315(c)(1), (2), (3) Clinical Quality Measures

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
BI 6.0	<p>% of QRDA's successfully submitted</p> <p>Numerator: Successfully submitted</p> <p>Denominator: Submission attempts</p> <p>NOTE: QRDA's that are rejected due to customer data issue will not be counted in the numerator or denominator.</p>	<p>The BI tool can either submit the QRDA for the client or send the client the QRDA for them to submit via a 3rd party. If the 3rd party has any submission issues related to the QRDA then the client reaches out to MEDHOST for remediation.</p> <p>MEDHOST will track submission successes and failures to confirm that this functionality is working as expected in the real-world environment. Client data errors, which do not reflect on the MEDHOST functionality, will not be counted as failed attempts at submission, and the QRDA submission will be included in the count when all data errors are resolved by the client.</p>	<p>> 90% success rate</p>	<p>30-day period</p>

Criteria: § 170.315(e)(1) View, download, and transmit to 3rd party

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
YourCareCommunity Version 17, leveraging Enterprise 2021 R1	% of CCDs successfully published Numerator: Successfully published Denominator: Publication attempts	<p>The MEDHOST patient portal leverages the facility-owned EHR for the CCD, which is made available for viewing, downloading, and transmitting via the certified portal functionality. As such, the MEDHOST Enterprise EHR, version 2021 R1, will be leveraged for this testing.</p> <p>The number of CCDs successfully published to the portal, compared to the number of attempts, will be used to confirm the portal is functioning as expected in the real-world environment.</p>	> 90% success rate	3-month period

Criteria: § 170.315(f)(1) Transmission to immunization registries

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
Enterprise 2019 R1 SR1	<p>% of reports successfully delivered to the state registry</p> <p>Numerator: Successfully delivered to the state registry</p> <p>Denominator: Attempts to deliver to the state registry</p>	<p>MEDHOST sends historic and active immunizations and records of consent to the states. To confirm that the functionality is working as expected in the real-world environment the number of immunization reports successfully delivered to state registries will be compared to the number of submission attempts.</p>	> 90% success rate	3-month period
Enterprise 2021 R1	<p>% of reports successfully delivered to the state registry</p> <p>Numerator: Successfully delivered to the state registry</p> <p>Denominator: Attempts to deliver to the state registry</p>	<p>MEDHOST sends historic and active immunizations and records of consent to the states. To confirm that the functionality is working as expected in the real-world environment the number of immunization reports successfully delivered to state registries will be compared to the number of submission attempts.</p>	> 90% success rate	3-month period

Criteria: § 170.315(f)(2) Transmission to public health agencies — syndromic surveillance

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
Enterprise 2019 R1 SR1	% of messages successfully sent Numerator: Messages successfully sent Denominator: Send attempts	MEDHOST sends messages related to syndromic surveillance upon registration, status updates, and discharge. To confirm that the functionality is working as expected in the real-world setting MEDHOST will compare the number of attempts to send messages to the number of messages that are successfully sent.	> 90% success rate	3-month period
Enterprise 2021 R1	% of messages successfully sent Numerator: Messages successfully sent Denominator: Send attempts	MEDHOST sends messages related to syndromic surveillance upon registration, status updates, and discharge. To confirm that the functionality is working as expected in the real-world setting MEDHOST will compare the number of attempts to send messages to the number of messages that are successfully sent.	> 90% success rate	3-month period
EDIS 2021 R1	% of messages successfully sent Numerator: Messages successfully sent Denominator: Send attempts	MEDHOST sends messages related to syndromic surveillance upon registration, status updates, and discharge. To confirm that the functionality is working as expected in the real-world setting MEDHOST will compare the number of attempts to send messages to the number of messages that are successfully sent.	> 90% success rate	3-month period

Criteria: § 170.315(f)(3) Transmission to public health agencies — reportable laboratory tests and value/results

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
Enterprise 2019 R1 SR1	% of messages successfully sent Numerator: Messages successfully sent Denominator: Send attempts	MEDHOST sends messages related to reportable laboratory tests to state registries. To confirm that the functionality is working as expected in the real-world setting MEDHOST will compare the number of attempts to send messages to the number of messages that are successfully sent.	> 90% success rate	3-month period
Enterprise 2021 R1	% of messages successfully sent Numerator: Messages successfully sent Denominator: Send attempts	MEDHOST sends messages related to reportable laboratory tests to state registries. To confirm that the functionality is working as expected in the real-world setting MEDHOST will compare the number of attempts to send messages to the number of messages that are successfully sent.	> 90% success rate	3-month period

Criteria: § 170.315(g)(7), (8), (9) Application access

MEDHOST Version	Metrics	Justification	Expected Outcome	Timeframe
Enterprise 2019 R1 SR1	% of successful requests for data elements Numerator: Successfully completed Denominator: Number of requests	Patient facing apps register with the MEDHOST API and the patient then registers for API access. The app requests CCD data elements in accordance with the certification requirements. To confirm that this functionality is working as expected in the real world MEDHOST will evaluate the number of successful requests for data elements.	> 90% success rate	3-month period
Enterprise 2021 R1	% of successful requests for data elements Numerator: Successfully completed Denominator: Number of requests	Patient facing apps register with the MEDHOST API and the patient then registers for API access. The app requests CCD data elements in accordance with the certification requirements. To confirm that this functionality is working as expected in the real world MEDHOST will evaluate the number of successful requests for data elements.	> 90% success rate	3-month period
YourCareUniverse API V8.0	% of successful requests for data elements Numerator: Successfully completed Denominator: Number of requests	Patient facing apps register with the MEDHOST API and the patient then registers for API access. The app requests CCD data elements in accordance with the certification requirements. To confirm that this functionality is working as expected in the real world MEDHOST will evaluate the number of successful requests for data elements.	> 90% success rate	3-month period

Key Milestones

Milestone	Care Setting	Timeframe
Data gathered and analyzed	Inpatient	3-month timeframe in 2022
Data gathered and analyzed	Emergency Department	3-month timeframe in 2022
Data gathered and analyzed	Business Intelligence (leveraging inpatient data)	30-day period

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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