MEDH●ST®

Real World Testing Results

For Calendar Year 2024 Testing

Documentation revised January 2025

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MEDH●ST®

General Information

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

Developer Name: MEDHOST

Product Name	Version	CHPL ID
MEDHOST Business Intelligence	V6.5	15.04.04.2788.MEDH.06.15.0.231123
MEDHOST EDIS	2022 R1	15.04.04.2788.MEDH.22.07.1.220322
MEDHOST Enterprise - Clinicals	2022 R1	15.04.04.2788.MEDH.CL.08.1.220204
MEDHOST Enterprise - Clinicals	2023 R1	15.04.04.2788.MEDH.CL.09.1.231123
MEDHOST Enterprise - eRx	2022 R1	15.04.04.2788.MEDH.RX.07.1.220124
MEDHOST Enterprise - eRx	2023 R1	15.04.04.2788.MEDH.RX.08.1.231124
MEDHOST Financials	2022 R1	15.04.04.2788.MEDH.FI.07.0.220204
MEDHOST Financials	2023 R1	15.04.04.2788.MEDH.FI.08.0.231124
YourCareCommunity Patient Portal with YourCareEverywhere App	V18	15.04.04.3105.Your.PA.13.1.211203
YourCareCommunity Provider Portal	V18	15.04.04.3105.Clou.PR.12.0.211203

Developer Real World Testing Page URL: https://www.medhost.com/about-us/regulatory-and-compliance/

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.

Versions of the software that did not contain any significant changes between releases will be reported together with one result.

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 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	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 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	99.9% success rate	2,965,892	3-month period	SES Secure Exchange Solutions, HLI Vocabulary Server, MEDHOST Cloud Services

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 R1	% of documents received where the attempt to incorporate was successful Numerator: Successfully incorporated Denominator: Received and attempt to incorporate was made.	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.	> 90% success rate	100% success rate	15,368	3-month period	SES Secure Exchange Solutions, HLI Vocabulary Server, MEDHOST Cloud Services

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
EDIS 2022 R1	% of prescriptions successfully sent Numerator: Successfully sent Denominator: Send attempts	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.	> 90% success rate	99.9% success rate	157,590	3-month period	Surescripts
Enterprise 2022 R1 and Enterprise 2023 R1	% of prescriptions successfully sent Numerator: Successfully sent Denominator: Send attempts	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.	> 90% success rate	99.9% success rate	310,291	3-month period	Surescripts, Medispan Drug Formulary

Criteria: § 170.315(b)(10) Electronic Health Information export

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe
BI 6.5	% of EHI export requests successfully completed Numerator: Successfully exported Denominator: Export attempts	There are two options for completing a full EHI export. The export can be per patient or for all patient records within a facility. MEDHOST will track both individual patient requests, which can be initiated and completed by the patient, and facility requests, which can be requested by authorized individuals within the facility. By comparing the number of attempts to the number that are successfully exported MEDHOST will confirm that the functionality is working as expected in the real-world setting.	> 90% success rate	100% success rate	48	3-month period
Financials 2022 R1 and Financials 2023 R1	% of EHI export requests successfully completed Numerator: Successfully exported Denominator: Export attempts	There are two options for completing a full EHI export. The export can be per patient or for all patient records within a facility. MEDHOST will track both individual patient requests, which can be initiated and completed by the patient, and facility requests, which can be requested by authorized individuals within the facility. By comparing the number of attempts to the number that are successfully exported MEDHOST will confirm that the functionality is working as expected in the real-world setting.	> 90% success rate	100% success rate	48	3-month period

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe
BI 6.5	% of QRDAs successfully submitted Numerator: Successfully submitted Denominator: Submission attempts NOTE: QRDAs that are rejected due to customer data issue will not be counted in the numerator or denominator.	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. 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.	> 90% success rate	100% success rate	43	30-day period

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
YourCareCommunity Version 18, leveraging Enterprise 2022 R1 and Enterprise 2023 R1	% of CCDs successfully published Numerator: Successfully published Denominator: Publication attempts	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, versions 2022 R1 and 2023 R1, will be leveraged for this testing. 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.	> 90% success rate	99.9% success rate	50,311	3-month period	Secure Exchange Solutions, SES Direct, MEDHOST EHR

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 R1	% of reports successfully delivered to the state registry Numerator: Successfully delivered to the state registry Denominator: Attempts to deliver to the state registry	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.	> 90% success rate	100% success rate	20,305	3-month period	HLI Vocabulary Server, MEDHOST Cloud Services

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 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	99.9% success rate	315,342	3-month period	HLI Vocabulary Server, MEDHOST Cloud Services
EDIS 2022 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	N/A *	N/A *	3-month period	

*Determined that there were no EDIS clients actively using certified syndromic surveillance functionality

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

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 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	97.9% success rate	43,527	3-month period	HLI Vocabulary Server, MEDHOST Cloud Services

Criteria: § 170.315(f)(5) Transmission to public health agencies — electronic case reporting

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 R1	% of messages successfully sent Numerator: Messages successfully sent Denominator: Send attempts	MEDHOST sends messages related to reportable conditions to the AIMS platform, which are subsequently sent to the public health agencies. 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	99.9% success rate	646,987	3-month period	HLI Vocabulary Server, MEDHOST Cloud Services

Criteria: § 170.315(g)(7), (9), and (10) Application Access and Standardized API for patient and population services

MEDHOST Version	Metrics	Justification	Expected Outcome	Outcome	Outcome Metric	Timeframe	Relied Upon Software
Enterprise 2022 R1 and Enterprise 2023 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. Provider facing apps register with the MEDHOST API and then the facility acts as the gatekeeper for which apps they will allow their providers to use. The app requests USCDI 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	99.9% success rate	453,468	3-month period	HLI Vocabulary Server, MEDHOST Cures 2023 Interoperability Package

Key Milestones

Milestone	Care Setting	Timeframe
Data gathered and analyzed	Inpatient	3-month timeframe in 2024
Data gathered and analyzed	Emergency Department	3-month timeframe in 2024
Data gathered and analyzed	Business Intelligence (leveraging inpatient data)	30-day period in 2024

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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