MedAllies Direct Solutions 2023 Real World Testing Plan

General Information

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

Developer Name: MedAllies

Product Name(s): MedAllies Direct Solutions

Version Number(s): 3.4

Certified Health IT Product List (CHPL) ID(s): 15.04.04.1887.MedA.34.00.0.170403

Developer Real World Testing Page URL: http://pki.medalliesdirect.net/docs/Medallies_2023_RWT_v2.pdf

Justification for Real World Testing Approach

The MedAllies HISP is responsible for sending and receiving Direct messages. MedAllies is certified to ONC §170.315(h)(2) and in conformance with the Direct Applicability Statement (i)(A) and (i)(B). MedAllies will collect ongoing Production interoperability metrics related to the Direct Project, Edge Protocols, Direct + XDM, SOAP + XDR, and SMPT for a 90-day reportable period during the calendar year of 2023.

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

MedAllies does not have any applicable standards updates for this test plan cycle. MedAllies is committed to upgrade our systems as standards evolve. MedAllies is currently up to date.

Standard (and version)	ONC 2015 Edition §170.315(h)(2)
Updated certification criteria and associated product	Not applicable
Health IT Module CHPL ID	Not applicable
Method used for standard update	Not applicable

Date of ONC-ACB notification	Not applicable
Date of customer notification (SVAP only)	Not applicable
Conformance measure	Not applicable
USCDI-updated certification criteria (and USCDI version)	Not applicable

Measurement/Metrics: Health IT Transport of Clinical Data

Certification Measurement	Metrics
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(A) Applicability Statement for Secure Health Transport (Direct) - Send	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(B) Send Using Direct + XDM	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(B) Receive Using Direct + XDM	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(B) Send Using SOAP + XDR	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(B) Receive Using SOAP + XDR	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(C) Send Using Edge Protocol for IHE XDR profile for Limited Metadata	Application and systems logs will be used to generate reports that display numerical results for this measure

170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(C) Receive Using Edge Protocol for IHE XDR profile for Limited Metadata	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(C) Send Using Edge Protocol for SMTP	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (i)(C) Receive Using Edge Protocol for SMTP	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (ii) Send Delivery Notification in Direct	Application and systems logs will be used to generate reports that display numerical results for this measure
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM (ii) Receive Delivery Notification in Direct	Application and systems logs will be used to generate reports that display numerical results for this measure

Associated Certification Criteria

Certification Measurement	Collection of Measures/Metrics
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Outbound Direct messages sent and successfully dispatched at receiving Edge System
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Inbound Direct messages received and successfully dispatched at receiving Edge System

170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Direct Messages sent to connected Edge Systems by the MedAllies HISP from a 3rd party sender
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Direct Messages received by the MedAllies HISP from connected edge systems
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Direct messages sent that were successfully acknowledged by the receiving 3rd party edge system with DSN being returned to original sender
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Direct messages sent to a connected Edge System that were successfully acknowledged by the receiving edge system with DSN being returned to original sender
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Direct messages sent to a connected SMTP Edge System that were successfully acknowledged by the receiving edge system with DSN being returned to original sender
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Total number of Direct messages received from a connected SMTP Edge System that were successfully acknowledged by the receiving edge system with DSN being returned to original sender

Justification for Selected Measurements/Metrics

Certification Measurement	Justification
Delivery rates for Outbound Direct messages sent and successfully dispatched at receiving Edge System	This measure will showcase metrics related to outbound transport of ALL Direct messages from the MedAllies HISP (Direct Project)
Delivery rates for Inbound Direct messages received and successfully dispatched at receiving Edge System	This measure will showcase metrics related to inbound transport of ALL Direct messages to the MedAllies HISP (Direct Project)
Delivery rates for Direct Messages sent to connected Edge Systems by the MedAllies HISP from a 3rd party sender	This measure will showcase metrics related to inbound transport of Direct messages to the MedAllies HISP from 3rd party accredited HISP/EMR systems (XDR/XDM)
Delivery rates for Direct Messages received by the MedAllies HISP from connected edge systems	This measure will showcase metrics related to outbound transport of Direct messages from the MedAllies HISP from connected Edge EMR/Vendor systems (XDR/XDM)

Delivery rates for Outbound Direct messages, sent from an SMTP Edge System, and successfully dispatched at receiving edge system	This measure will showcase metrics related to outbound transport of Direct messages from the MedAllies HISP from connected Edge EMR/Vendor systems (SMTP)
Delivery rates for Inbound Direct messages, sent to an SMTP Edge System, and successfully dispatched at receiving Edge System	This measure will showcase metrics related to inbound transport of Direct messages from a 3rd party accredited HISP/EMR system to MedAllies HISP connected EMR/Vendor systems (SMTP)
Delivery rates for Direct messages sent that were successfully acknowledged by the receiving 3rd party edge system with DSN being returned to original sender	This measure will showcase metrics related to edge protocols/message delivery notifications being returned to the original sender (Edge Protocol/ XDR and SMTP)
Delivery rates for Direct messages sent to a connected Edge System that were successfully acknowledged by the receiving edge system with DSN being returned to original sender	This measure will showcase metrics related to edge protocols/message delivery notifications being returned to the original sender (Edge Protocol/ XDR and SMTP)

Care Settings

Care Setting	Justification
Edge Systems: EHRs representing Acute, Ambulatory, ED, Home Care, and Payer are all possible partner systems	MedAllies connects with multiple EHRs and Payers. MedAllies exchanges for Real World Testing will represent a variety of clinical settings.

Expected Outcomes

Measurement/Metric	Expected Outcomes
170.315(h)(2) Direct Project, Edge Protocol, and XDR/XDM	Direct messages will be transported and delivered in accordance with MedAllies' 170.315(h)(2) certification and Direct protocol. Message delivery rates will be measured during a 90-day period of reporting year.

Key Milestones

Key Milestone	Care Setting	Date/Timeframe
Real World Testing Plan Submission and availability on CHPL	All	December 2022
Real World Testing Data Collection	All	January '23 – January '24
Real World Testing Data Reconciliation and Report Creation	All	January 2024
Submission of Finalized Real World Testing Data to ACB	All	February 2024

Attestation

The MedAllies Real World Testing plan is, to our knowledge, complete with all required data elements. All required certification measures have been listed with applicable care settings and MedAllies' approach to capture all metrics relating to our certification criteria.

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Date: 10/17/2022