

HISPDirect RWT - RESULTS REPORT December 13, 2023

GENERAL INFORMATION

Plan Report ID Number: HISPDirect RWT Test Plan (2022)

Developer Name: RosettaHealth

Product Name(s): HISPDirect

Version Number(s): V3.0

Certified Health IT Product List (CHPL) Product Number(s): 15.04.04.2995.HISP.03.00.0.171113

Developer Real World Testing Plan Page URL: https://rosettahealth.com/accreditations

Developer Real World Testing Results Report Page URL [if different from above]:

[OPTIONAL] CHANGES TO ORIGINAL PLAN

Summary of Change [Summarize each element that changed between the plan and actual execution of Real World Testing]	Reason [Describe the reason this change occurred]	Impact [Describe what impact this change had on the execution of your Real World Testing activities]
N/A		

[OPTIONAL] WITHDRAWN PRODUCTS

Product Name(s):	N/A
Version Number(s):	
CHPL Product Number(s):	
Date(s) Withdrawn:	
Inclusion of Data in Results Report: [Provide a statement as to whether any data was captured on the withdrawn products. If so, this data should be identified in the results report.]	

SUMMARY OF TESTING METHODS AND KEY FINDINGS

DirectTrust Interoperability Test	Greenlight testing report is included below (see table below). Green cells across the "Rosetta" line shows HISPDirect is 100% interoperable with all DirectTrust HISPs.
HISPDirect "Direct Project"	HISPDirect Success table, (below), shows a successful delivery rate of greater than the required 90%. (NOTE: Rate is actually much higher than reported. Most of the 'non- successes' are due to direct messaging administration such as certificate renewals, attempts to use non-Direct accounts, etc. These should, by design, fail)
HISPDirect XDR/XDM	HISPDirect Success table, (below), shows a successful delivery rate of greater than the required 90%. (NOTE: Rate is actually much higher than reported. Most of the 'non- successes' are due to direct messaging administration such as certificate renewals, attempts to use non-Direct accounts, etc. These should, by design, fail)

DirectTrust Interoperability Test Results (On the Next Page):

DirectTrust Accredited Bundle Interoperability Benchmarking Results as of 08/10/2023



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Athenahealth		Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Ap	Apr As	Apr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Cerner	Apr		Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Ap	Apr Ai	Apr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Data Motion	Apr	Apr		Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Apr		Apr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
eClinical Direct	Apr	Apr	Apr		Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Apr	pr Apr	pr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
EMR Direct	Apr	Apr	Apr	Apr		Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr Ai	Apr Apr	pr Apr	pr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Health Catalyst	Apr	Apr	Apr	Apr	Apr		Apr	Apr	Apr	Apr	Apr /	Apr A	Apr Au	Apr Apr	pr Apr	pr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
HIXNY	Apr	Apr	Apr	Apr	Apr	Apr		Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Apr		Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Indian Health Service	Apr	Apr	Apr	Apr	Apr	Apr	Apr		Apr	Apr	Apr A	Apr A	Apr A	Apr Apr		Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Intermountain Healthcare	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr		Apr	Apr /	Apr A	Apr A	Apr Ap	Apr Ai	Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
iShare Medical	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr		Apr A	Apr A	Apr A	Apr Apr		Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
MaxMD	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr		Apr A	Apr Au	Apr Ap	Apr Apr	pr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
MedAllies	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr		Apr A	Apr Apr		Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
NextGen (Mirth)	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr	<	Apr Ap	Apr Ai	Apr Apr	x Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Orion Health	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr	Apr		Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Quest	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr Au	Apr	<	Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Rosetta	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Ap	Apr	Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
SecureHIT	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Ap	Apr As	Apr	Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
SES	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Apr		Apr Apr	,	Apr	or Apr		Apr Ai	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Surescripts	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Apr		Apr Apr	or Apr	×	Apr		Apr Apr	or Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
The Health Collaborative	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Apr	pr Apr	pr Apr	ar Apr	pr Apr		<	Apr Apr	ar Apr	e Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Updox	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Apr	pr Apr	pr Apr	or Apr	pr Apr	or Apr	2	~	Apr Apr	r Apr	Apr	Apr	Apr	Apr	Apr	27	100%
Inpriva	Apr	Apr	Apr	Apr	Apr	Apr		Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Ap	Apr Ai	Apr Apr	or Apr	pr Apr	or Apr		Apr	Apr	r Apr	Apr	Apr	Apr	Apr	Apr	26	96%
MedicaSoft	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr A	Apr A	Apr A	Apr Ap	Apr Ai	Apr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr	Apr	Apr	Apr	Apr		Apr	26	68%
Mihin	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr Au	Apr Ap	Apr Ai	Apr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr		Apr	Apr	Apr		Apr	26	%96
NoMore Clipboard	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr Au	Apr Ap	Apr Ai	Apr Apr	ar Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr		Apr	Apr	Apr ₂	Apr	26	%96
SCHIEX	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Ap	Apr Ai	Apr Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	r Apr	Apr		Apr		Apr	26	%96
AHS	Apr	Apr	Apr		Apr	Apr	Apr	Apr	Apr	Apr	Apr /	Apr A	Apr A	Apr Ap	Apr	Apr	or Apr	pr Apr	or Apr		Apr A	Apr Apr	e Apr	Apr	Apr		Apr	Apr	25	93%
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Information is recorded as submitted to the collaboratory volunteers; please help maintain the quality of this report	olunteers	; please f	help mai	elp maintain the quality of this repo	quality	of this re	port by \	verifying	informa	tion rela	ted to yc	our HISP	and rep	oorting ar	ny error	s to the I	reportin	lg page c	or to Adr	Notes & Action Items:	ectTrus	torg.								
Accredited Bundle HISD					Mess	ave wa	s sent	reditio	Messare was sent reruested MDN was received and recipient confirmed messare was	ew NC	is recei	ved ar	ind reci	nient c	onfirm	ed me	1 HOESS	SEN		rocesse	IDM Pa	V not re	1. Processed MDN not received							
# Possible Exchange Paths being evaluated			Suc	Success readable (by responding via Direct message or confirming out of band). Month of report is	reada	uble (by	respor	varior v guibr	'ia Dire	ct mes	sage of	r confi	rming	out of b	band).	Month	of re	port is		ut of b	and re	ceived	and rea	dable o	onfirm	ation no	2. Out of band received and readable confirmation not yet available			
961					indicated.	sted.		,												3. Certificate expired	te expi	ired								
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 Processed MDN not received Out of band received and readable confirmation not yet available Certificate expired 	 Certificate revoked Unsolicited Dispatched MDN received Processed MDN not received when CCDA payload attached 	13. Dispatched MDN not received when requested 18. Message Digest Issue in sent message preventing trust validation	27. Could not determine revocation status 30. Message contained additional stray content not expected.
Message was sent, requested MDN was received, and recipient confirmed message was An one received 1. Processed MDN not received SUCCESS readable (by responding via Direct message or confirming out of band). Month of report is 2. Out of band received and readable confirmation not yet available indicated.	Partial Not Success or Failure, e.g. sender receives a notification in response, but either it is not Success properly formed or system does not mark as Processed/Dispatched	Failure Message could not be sent, or permanent failure message/DSN/bounce received.	No test Results New Bundle Member and/or no test information available Stale Data Data more than 6 months old
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HISPDirect Success:

Quarter	Successfully Delivered
Q1	99.66%
Q2	96.96%
Q3	92.40%
Q4	86.54%
Total	93.89%

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

Both required and voluntary standards updates must be addressed in the Real World Testing plan. Real World Testing plans must include all certified health IT updated to newer versions of standards prior to August 31 of the year in which the updates were made.

Indicate as to whether optional standards, via SVAP and/or USCDI, are leveraged as part of the certification of your health IT product(s).

[] Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below.

Standard (and version)	
Updated certification criteria and associated product	
CHPL Product Number	
Conformance measure	

[X] No, none of my products include these voluntary standards.

Care Setting(s)

The expectation is that a developer's Real World Testing is conducted within each type of clinical setting in which their certified health IT is marketed. Health IT developers are not required to test their certified health IT in every setting in which it is marketed for use.

List each care setting that was tested.

HISPDirect is relied on software/Health IT Module and, as such, is agnostic to care setting.

Metrics and Outcomes

Health IT developers should detail outcomes from their testing that successfully demonstrate that the certified health IT:

- 1. is compliant with the certification criteria, including the required technical standards and vocabulary codes sets;
- 2. is exchanging electronic health information (EHI) in the care and practice settings for which it is marketed for use; and/or,
- 3. EHI is received by and used in the certified health IT.

(from 85 FR 25766)

Health IT developers could also detail outcomes that did <u>not</u> result from their measurement approach if that better describes their efforts.

Within this section, health IT developers should also describe how the specific data collected from their Real World Testing measures demonstrate their results. Where possible, context should be provided to the measures and results to understand the number of sites/users/transactions tested for the specified measures (i.e., the denominator for comparison to the reported results). If applicable, any Relied Upon Software that is used to meet a criterion's requirements should be included in this section.

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
N/A				

KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
 DirectTrust Interoperability Testing: 1. Sent a wrapped DSM to each member that validate successful receipt of the message . 2. Received a wrapped DSM from each member and validating successful receipt of the message. 3. Reported the results to DirectTrust 	All ¹	April 2023
HISPDirect "Direct Project": Sample of traffic logs were analyzed for success rate.	All ¹	March, June, September, December 2023
HISPDirect XDR/XDM: Sample of traffic logs were analyzed for success rate.	All ¹	March, June, September, December 2023

1 HISPDirect is relied on software/Health IT Module and, as such, is agnostic to care setting.