

2019-08-14 Alerts/Notifications Meeting

Chair: [Ulrike Merrick](#)

Scribe: [Dana Marcelonis](#)

Attendees

Present	Name	Affiliation
<input checked="" type="checkbox"/>	Robert Dieterle	Enablecare
<input type="checkbox"/>	Viet Nguyen	Stratametrics
<input checked="" type="checkbox"/>	Ulrike Merrick	Vernetzt, LLC
<input checked="" type="checkbox"/>	Anupam Thakur	BCBSFL
<input type="checkbox"/>	Corey Spears	Infor
<input checked="" type="checkbox"/>	Gini McGlothlin	BCBSAL
<input type="checkbox"/>	Gregory Magazu	Casenet
<input type="checkbox"/>	Holly Weeks	Regence
<input checked="" type="checkbox"/>	Jeffrey Danford	Allscripts
<input checked="" type="checkbox"/>	Joseph Quinn	Optum
<input type="checkbox"/>	Laurie Burckhardt	WPS Health Solutions
<input checked="" type="checkbox"/>	Lindee Chin	Edifecs
<input type="checkbox"/>	Lisa R. Nelson	MaxMD
<input checked="" type="checkbox"/>	Linda Michaelsen	Optum

<input type="checkbox"/>	Mark Taylor	Ready Computing
<input type="checkbox"/>	Peter Muir	
<input type="checkbox"/>	Rajesh Godavarthi	MCG Health
<input type="checkbox"/>	Samir Jain	Ready Computing
<input type="checkbox"/>	Sreenivas Mallipeddi	MCG Health
<input checked="" type="checkbox"/>	Susan Bellile	Availity
<input checked="" type="checkbox"/>	Susan Langford	BCBST
<input checked="" type="checkbox"/>	Tony Benson	BCBSAL
<input checked="" type="checkbox"/>	Yan Wang	MaxMD
<input type="checkbox"/>	Jeanie Smith	BCBSFL
<input checked="" type="checkbox"/>	Rachel E. Foerster	CAQH Core
<input type="checkbox"/>	Mary Kay McDaniel	Cognosante
<input type="checkbox"/>	Greg Linden	Linden Tech Advisors
<input checked="" type="checkbox"/>	Eric Haas	
<input type="checkbox"/>	Brandon Raab	Anthem
<input type="checkbox"/>	Dawn Perreault	BCBSM
<input type="checkbox"/>	Jennell Stewart	
<input type="checkbox"/>	Kat Ruiz	UNC Health

<input type="checkbox"/>	Michael Gould	IBC
<input type="checkbox"/>	Tony Laurie	
<input checked="" type="checkbox"/>	Karen L. Zapata	Anthem
<input type="checkbox"/>	Ann Gallagher	Optum
<input type="checkbox"/>	Rohit Shinde	eClinical Works
<input checked="" type="checkbox"/>	Frank Hone	Veradigm
<input type="checkbox"/>	Kevin Lambert	BCBS AL
<input type="checkbox"/>	Lynn Perrine	Lantana
<input type="checkbox"/>	Nancy Beavin	Humana
<input type="checkbox"/>	Nicole Toth	
<input checked="" type="checkbox"/>	Ralph Saint-Phard	Healow
<input checked="" type="checkbox"/>	Serafina Versaggi	
<input type="checkbox"/>	Seth Paradis	Healow
<input type="checkbox"/>	Sheryl Turney	Anthem
<input type="checkbox"/>	Todd Johnson	
<input type="checkbox"/>	Julie Maas	EMR Direct
<input type="checkbox"/>	Duane Walker	BCBSM
<input checked="" type="checkbox"/>	Unknown User (james_urban)	Epic

<input checked="" type="checkbox"/>	Jennifer Curry	Regence
<input checked="" type="checkbox"/>	Priya Rojanala	Regence
<input checked="" type="checkbox"/>	David DeGandi	Cambia
<input type="checkbox"/>	Megan Soccorso	Cigna
<input type="checkbox"/>	Kate Rees	Cambia
<input type="checkbox"/>	Jim Taylor	TIBCO
<input type="checkbox"/>	Nick Radov	UHC
<input type="checkbox"/>	Ric Light	Humana
<input type="checkbox"/>	TorQuailla Aultman	NC.gov
<input type="checkbox"/>	Chris Johnson	BCBS AL
<input type="checkbox"/>	Patrick Haren	Cigna
<input type="checkbox"/>	Anna Meisheid	CMS
<input type="checkbox"/>	Gino Canessa	
<input type="checkbox"/>	Josh Mandel	
<input type="checkbox"/>	Scott Stuewe	
<input type="checkbox"/>	Stephen Hollifield	HealthLX
<input checked="" type="checkbox"/>	Charlie Provenzano	HealthLX
<input type="checkbox"/>	Unknown User (estonner)	

<input type="checkbox"/>	Lenel James	
<input type="checkbox"/>	Tracy M. Fitzgibbon	Regence
<input checked="" type="checkbox"/>	Jordan Storey	Regence
<input checked="" type="checkbox"/>	Jonas	
<input checked="" type="checkbox"/>	Kayla Sua	Providence
<input type="checkbox"/>	Luis Maas	EMR Direct
<input checked="" type="checkbox"/>	Sasha Volkov	
<input type="checkbox"/>	Duncan Weatherston	
<input type="checkbox"/>	Lauren Hobson	Providence
<input type="checkbox"/>	Paul Knapp	
<input type="checkbox"/>	Roland Gamache	AHRQ
<input type="checkbox"/>	Kathleen Connor	
<input checked="" type="checkbox"/>	Rim Cothren	
<input type="checkbox"/>	Eric Sullivan	Innovalon
<input checked="" type="checkbox"/>	Jason	
<input checked="" type="checkbox"/>	Gay Dolin	
<input checked="" type="checkbox"/>	Michelle Hunt	
<input checked="" type="checkbox"/>	Luis Sayago	Dacarba


☑	Ray Duncan	Cedars-Sinai
☑	Rob Wilmot	Cerner
☑	Robert Hausam	

Minutes Approved as Presented



This is to approve minutes via general consent. "You have received the minutes. Are there any corrections to the minutes? (pause) Hearing none, if there are no objections, the minutes are approved as printed."

Agenda Topics

Agenda Outline	Agenda Item	Meeting Minutes from Discussion	Decision Link (if not child)
Management	Review ANSI Anti-Trust Policy	 <p>Antitrust Policy</p> <p>ANSI Anti-Trust Policy</p> <p>ANSI will develop and deliver a notification program to be used by all member organizations to provide information regarding the minimum requirements for push/unsolicited notifications and subscriptions. The program will be developed in collaboration with ANSI members and will be implemented in 2019. The program will be developed in collaboration with ANSI members and will be implemented in 2019.</p> <p>Approved by the ANSI Board of Directors May 22, 2019</p>	
	Ballot and Connectathon Schedule	<ul style="list-style-type: none"> • Early January ballot TBD • Da Vinci Virtual Connectathons (Aug/Sept) • HL7 Connectathon (Atlanta) - September 14-15 • Track Proposal: 2019-09 Da Vinci Notification (aka Alerts) 	
	Recap Alerts IG Goals	<ul style="list-style-type: none"> • Not doing a full V2 mapping for all scenarios • Covering minimally required information for Admits and Discharges • Common object of exchange for push/unsolicited notifications and subscriptions <ul style="list-style-type: none"> • Should be same regardless of reason for alert • Enough information for receiver to determine if alert is of interest • Enough information for receiver to ask for more information 	
	FHIR Messaging - Collected Questions	<ul style="list-style-type: none"> • FHIR experts <ul style="list-style-type: none"> • Riki reached out to Rene • Also will post on fhir.chat.org • Created a Zulip stream - has been moved to the Messaging stream • What do vendors support? <ul style="list-style-type: none"> • Allscripts has messaging • Robert Dieterle and Viet Nguyen to find out more 	

	Rationale for Revisiting Approach to Alerts	<ul style="list-style-type: none"> FHIR Messaging intended to handle communications between organizations who don't have business relationships with each other Any technical differences between approaches? <ul style="list-style-type: none"> Concept of addressing a message to it's final recipient using Messaging (MessageHeader type of information) Transport mechanism doesn't have to be a RESTful interface Content model - same information using MessageHeader as the first resource to define the event /content Communication is intended to be a record of a communication, not the communication itself - though it has been used to be the communication itself Messaging was intended to be the 'wrapper' for a message going somewhere May test Communication and Messaging in Connectathon Not advocating that someone switch from V2 messaging to what we're doing <ul style="list-style-type: none"> We're not trying to map V2 to FHIR External, inter-organizational broadcast that an event has occurred - not replacing any internal infrastructure This is a way of extending event notifications for non-connected parties without needing to put in place V2 messaging infrastructure Few payers have a V2 connection with every single provider that sees one of their members If payer is notified via V2 message that patient was admitted, this would be the way the payer would notify the PCP or other members of the care team Notification of other future events don't have an existing infrastrucutre except for ADT, public health, lab When we implement the Alerts IG, will we meet the Transitions of Care HEDIS measure? <ul style="list-style-type: none"> Measuring that the PCP or ongoing care provider was notified of the admission If the sender doesn't know who the members of the care team are, they can send the notification to the HIE or to the payer, who could then send to patient's care team If discharging institution sends notice to HIE saying patient has been discharged, and HIE sends to care team - what documentation is needed that this has occurred? Would need to look at the metadata required in the measure - guessing this doesn't include all the data needed Communication is best if you have both ends identified - sender and receiver If sending to HIE, Messaging or Communication, we don't know if the intended receiver got the notification If a significant part of what we're doing is to keep a record of what happened, then may need to use Communication to satisfy that need Messaging may be mechanism going from point A to point B, but Communication to keep a record that we did it? Gini McGlothlin to follow up with Ben Hamlin to ask him to weigh in There are likely other measures that might have implications IG should restrict transport paradigm - SHOULD use FHIR \$process-message operation <ul style="list-style-type: none"> May become SHALL in the future 	
	Review FHIR Messaging Artifact	<ul style="list-style-type: none"> Communication allows you to have more recipients <ul style="list-style-type: none"> MessageHeader doesn't have Patient or Related Person (you can't delcare the patient as a receiver) MessageHeader.Focus is limited - subject line of an email, trigger event, what's being changed <ul style="list-style-type: none"> Focus doesn't tell you what's in the bundle MessageDefinition - defines what's in the message (particular bundle) and what's in the focus MessageHeader doesn't point to all the reosurces in the bundle 	
	Connectathon Planning	<ul style="list-style-type: none"> Test script requirements to be updated to test Communication and Messaging Still planning on August 28th and Sept 4th for Virtual Connectathon - both approaches may not be available for the 28th 	
Management	Next Agenda		
Adjournment		Adjourned at 1:02pm ET	

Supporting Documents

Outline Reference	Supporting Document
Minute Approval	
Meeting PPT Presentation	
Messaging Using FHIR Resources	https://www.hl7.org/fhir/messaging.html
FHIR Messaging Video	https://vimeo.com/171533785
Virtual Connectathon Recorded Kick-Off Presentation	2019-07-31 12.05 Da Vinci - Alerts_ Notifications_Virtual Connectathon Presentation.mp4
Alerts Implementation Guide	http://build.fhir.org/ig/HL7/davinci-alerts/branches/master/index.html

Action items



[Create Decision from template](#)