



**California Health & Human Services Agency
Center for Data Insights and Innovation
2024 Data Exchange Framework Standards Committee Meeting #4
Transcript (12:00 PM – 1:00 PM PT, November 21, 2024)**

The following text is a transcript of the November 21, 2024 meeting of the California Health and Human Services Agency and Center for Data Insights and Innovation Data Exchange Framework Standards Committee. The transcript was produced using Zoom’s transcription feature. It should be reviewed concurrently with the recording – which may be found on the [CalHHS Data Exchange Framework webpage](#) to ensure accuracy.

[Alice K - Events] 15:00:31

Hello and welcome. My name is Alice and I'll be in the background answering any Zoom technical questions.

[Alice K - Events] 15:00:37

If you experience difficulties during this session, please type your question into the Q&A.

[Alice K - Events] 15:00:42

Individuals in the public audience who have a comment

[Alice K - Events] 15:00:45

May insert it in the Zoom Q&A at any time.

[Alice K - Events] 15:00:48

Public comment will also be taken towards the end of the meeting.

[Alice K - Events] 15:00:52

Live closed captioning will be available. Please click on the CC button to enable or disable.

[Alice K - Events] 15:00:57

With that, I'd like to introduce Rim Coughlin.

[Rim Cothren] 15:01:00

Thank you, Alice, and thank you all for attending today.

[Rim Cothren] 15:01:06

today's standards committee meeting

[Rim Cothren] 15:01:09

We'll be continuing our discussion today of standards for events and notifications.

[Rim Cothren] 15:01:16

We have a pretty packed agenda today and the slides will likely be up for most of the time. But as always, I strongly encourage people, if they're able to go ahead and enable their video, that allows us to at least see people's faces to the extent that we can.

[Rim Cothren] 15:01:32

Please do that if you can. Let's go on to the next slide, please. This is our vision.

[Rim Cothren] 15:01:38

For the data exchange framework, today we are going to continue our discussion, as I said.

[Rim Cothren] 15:01:45

about notifications of events significant to an individual's care.

[Rim Cothren] 15:01:52

I'll just go ahead and make sure that I remind you and any members of the public that we have listening in.

[Rim Cothren] 15:01:58

that this will feed into the roadmap on event notification.

[Rim Cothren] 15:02:04

And people are encouraged to go take a look at the roadmap.

[Rim Cothren] 15:02:08

that is also published for public comment right now and get a picture of how the standards we're talking about

[Rim Cothren] 15:02:15

today and in this series fits into that part of the DXF roadmap.

[Rim Cothren] 15:02:22

Let's go on to the next slide, please. As I said, we're kind of packed today. We have slides here today that would take us through

[Rim Cothren] 15:02:30

all of the topics that I want to talk about during this series, we will get as far as we get today.

[Rim Cothren] 15:02:37

But it gives you a picture into what we'd be talking about at our next meeting as well.

[Rim Cothren] 15:02:41

We'll start off with the welcome that we're doing now. We'll talk a little bit about what we heard in meeting three. And so that'll be a summary of what we believe we determined

[Rim Cothren] 15:02:50

for content standards for notifications.

[Rim Cothren] 15:02:53

And we'll talk about content standards for events.

[Rim Cothren] 15:02:57

and transport standards for notifications in advance. And as I said, we'll get as far down that

[Rim Cothren] 15:03:03

list of topics as we can.

[Rim Cothren] 15:03:06

Before we are called for public comment at approximately 10 before the hour.

[Rim Cothren] 15:03:11

And then we'll talk just very briefly about next steps, again, depending on how far we get on today's agenda.

[Rim Cothren] 15:03:19

Let's go on to the next slide, please. Before our call roll today, I really want to thank you folks. I've been really impressed that everybody shows up to these meetings.

[Rim Cothren] 15:03:29

Wonderful attendance here, and I really appreciate it. I know that you're all volunteers in this effort and that this takes time out of your day and I appreciate you giving it to us. So thank you very much for that.

[Rim Cothren] 15:03:42

Very briefly, I'm Rem Cuthren. I also have Cindy here with me assisting.

[Rim Cothren] 15:03:49

Real quickly going down the list here, Ray, I think I saw you out there. Ray, are you here?

[Rim Cothren] 15:03:59

I didn't hear from Ray, but I do. There you go. Thanks, Ray.

[Ray Duncan] 15:04:00

Yes, yes, hi, Eric.

[Rim Cothren] 15:04:05

Jonathan.

[Rim Cothren] 15:04:10

I did not hear from Jonathan and don't see him on the list.

[Rim Cothren] 15:04:14

Danielle?

[Danielle Friend] 15:04:18

Hey folks, I'm here.

[Rim Cothren] 15:04:18

Thanks, Danielle. Evelyn.

[Rim Cothren] 15:04:21

Thanks, Evelyn. Dave.

[Dave Green] 15:04:23

Yep, here

[Rim Cothren] 15:04:25

Thanks, Dave. John?

[John Helvey] 15:04:27

Great day.

[Rim Cothren] 15:04:29

Great day. Thank you, John.

[Rim Cothren] 15:04:31

So Gina?

[Sheljina Ibrahim Kutty] 15:04:32

I'm here.

[Rim Cothren] 15:04:34

Thank you, Manny.

[Mani Nair] 15:04:35

Yeah, we are.

[Rim Cothren] 15:04:36

Thank you, Tim.

[Tim Polsinelli] 15:04:37

Good afternoon

[Rim Cothren] 15:04:39

Thank you and Ken.

[Rim Cothren] 15:04:42

Thank you. Let's go on to the next slide just real quickly. Members of the public also have an opportunity to participate in

[Rim Cothren] 15:04:51

today's meeting, you may use the Zoom's Q&A feature to ask questions or make comments during the meeting. Anything you enter there is visible to everyone, including the panelists here.

[Rim Cothren] 15:05:03

The panelists, I'm always going to be encouraging you to speak.

[Rim Cothren] 15:05:07

about what you're thinking or your opinions

[Rim Cothren] 15:05:11

And you may choose to monitor what's in Q&A. You can either answer those questions if you choose to answer them verbally or

[Rim Cothren] 15:05:19

written, I leave that to you.

[Rim Cothren] 15:05:20

Members of the public also know that we will be taking public comment.

[Rim Cothren] 15:05:27

During the meeting at approximately the time listed on the agenda, which is 10 minutes before the end of the hour.

[Rim Cothren] 15:05:33

And our public comment time will be limited to the total time allotted on the agenda.

[Rim Cothren] 15:05:39

Let's go on to the next slide, please.

[Rim Cothren] 15:05:43

And the next slide. So this is really meant to be a summary of what we heard in our last few meetings, really a summary from the last meeting, but that was building on the content from before.

[Rim Cothren] 15:05:55

And that was about the content of notifications.

[Rim Cothren] 15:05:58

I'm going to step through these real quickly. Notifications should include essential data points of who, what, where, when, and why.

[Rim Cothren] 15:06:07

for an event and that there are two buckets of data that we might be concerned with here, core data that must always exist in a notification.

[Rim Cothren] 15:06:16

and other data that should be shared if it is known at the time of the notification.

[Rim Cothren] 15:06:23

Facilities and their intermediaries must be capable of producing notifications that include machine readable content in the form of an HL7VT message.

[Rim Cothren] 15:06:33

as well as human readable components.

[Rim Cothren] 15:06:36

And notifications make

[Rim Cothren] 15:06:38

must contain contact information for a professional, but we heard from you

[Rim Cothren] 15:06:43

that the determination of who is the most appropriate professional, whether it's a discharge planner.

[Rim Cothren] 15:06:49

or an attending physician, et cetera, could be left to the discretion of the facility.

[Rim Cothren] 15:06:55

And notifications must align with applicable

[Rim Cothren] 15:07:00

privacy requirements, both for the DXF and applicable law. Let's go on to the next slide, please, which is what we heard for data. And I'm going to pause here. This is really your opportunity

[Rim Cothren] 15:07:12

To correct anything that we heard incorrectly or that we're reporting incorrectly here. So either in the previous slide on the summary or in specific

[Rim Cothren] 15:07:24

data here. And thank you, Jonathan, for joining us when you could.

[Rim Cothren] 15:07:33

Are there any comments on this?

[Rim Cothren] 15:07:36

Do you believe that we've got the summary on this table correct?

[Jonathon Feit] 15:07:44

Can I ask a silly question?

[Rim Cothren] 15:07:46

No, but you may ask a question.

[Rim Cothren] 15:07:49

You may ask a silly question if you like.

[Jonathon Feit] 15:07:50

Oh.

[Jonathon Feit] 15:07:52

I'll hold the silly one. It's too busy a day for a silly one. The...

[Jonathon Feit] 15:07:56

Because I looked at this yesterday and it didn't jump out to me.

[Jonathon Feit] 15:07:59

Until right now.

[Jonathon Feit] 15:08:02

How is missing from the five W's.

[Jonathon Feit] 15:08:05

So who, what, where, when, why, and how?

[Jonathon Feit] 15:08:10

Is there a need?

[Jonathon Feit] 15:08:11

Again, obviously when I think ambulance, I think the how is they got here by ambulance.

[Jonathon Feit] 15:08:16

But is there any...

[Jonathon Feit] 15:08:20

specific interest in including

[Jonathon Feit] 15:08:22

the modality by which, for example, someone ended up in the

[Jonathon Feit] 15:08:26

care setting for

[Jonathon Feit] 15:08:29

Bye.

[Jonathon Feit] 15:08:30

treatment information. For example, I see discharge

[Jonathon Feit] 15:08:34

I see diagnosis, I don't see treatment. So how are they engaged?

[Jonathon Feit] 15:08:38

do we

[Jonathon Feit] 15:08:40

do we want to include anything of that

[Jonathon Feit] 15:08:44

Anyhow, basically.

[Sheljina Ibrahim Kutty] 15:08:49

Wouldn't the reason for admission account for that?

[Jonathon Feit] 15:08:55

So that's a why. When you...

[Rim Cothren] 15:08:58

Well, it's tagged here as a why, but I think the question is still a good one.

[Sheljina Ibrahim Kutty] 15:09:00

Yeah, it's time.

[Jonathon Feit] 15:09:03

reason for it as in as in

[Jonathon Feit] 15:09:06

Wells, I tend to think of a reason as a what or a why. Why are they in the healthcare system at all?

[Jonathon Feit] 15:09:13

of what went wrong.

[Jonathon Feit] 15:09:15

But how about what was done?

[Jonathon Feit] 15:09:17

So again, if you have an individual, and again, this may not, well, it is relevant to an ADT.

[Jonathon Feit] 15:09:23

It's certainly relevant to the tea part.

[Jonathon Feit] 15:09:26

So, uh.

[Jonathon Feit] 15:09:28

If they were, for example.

[Jonathon Feit] 15:09:30

I have a set of use cases I work on in Oregon.

[Jonathon Feit] 15:09:34

where you have children with special health needs

[Jonathon Feit] 15:09:37

who are engaged by ambulance services.

[Jonathon Feit] 15:09:40

And...

[Jonathon Feit] 15:09:42

they are sending data to an inter-facility system called the emergency department

[Jonathon Feit] 15:09:48

information exchange that is informing the receiving facility

[Jonathon Feit] 15:09:53

that the patient may be transported from one facility to another.

[Jonathon Feit] 15:09:58

to use a Los Angeles example, I've dug into a bunch.

[Jonathon Feit] 15:10:00

If you've got a patient who arrives at Tarzana Medical Center in Los Angeles.

[Jonathon Feit] 15:10:06

And they need to be transferred to Children's Hospital Los Angeles.

[Jonathon Feit] 15:10:10

don't we need or should we have some information about the fact that they are

[Jonathon Feit] 15:10:19

Well, yeah, but you're being discharged from Tarzana and admitted to CHLA.

[Jonathon Feit] 15:10:24

So the fact that you are

[Jonathon Feit] 15:10:26

the how in that case is how

[Jonathon Feit] 15:10:29

an ambulance is moving you.

[Jonathon Feit] 15:10:33

It's tagged on both sides, so to speak, of the workflow, right?

[Jonathon Feit] 15:10:39

I don't want to pretend that I have the answer to this. It just jumped out at me that there's a howl missing.

[Jonathon Feit] 15:10:42

And so...

[Rim Cothren] 15:10:42

Yeah, I think that's a good one. And Jonathan, you're right. You know, the T and ADTs is movement around within a facility. But as you say.

[Rim Cothren] 15:10:52

between facilities is a discharge followed by an admission. Evelyn, you have your hand up too.

[Evelyn Gallego] 15:10:58

Oh, it was just, again, from a standards perspective, it doesn't capture that information. So I think it's also acknowledging, you know, if that information is important, the how, right? So I hear what Jonathan is like, how did the person arrive there? And is that, again, the question, is that important for an event notification?

[Rim Cothren] 15:11:16

And I think that is the question that I have. Is it important that we include it here or is that

[Rim Cothren] 15:11:22

information you might retrieve once you have the event in hand and could get through some other means such as a query or a phone call.

[Jonathon Feit] 15:11:35

phone call I'd push back on only because of time factors. But again, I work in the emergency world.

[Rim Cothren] 15:11:40

Mm-hmm.

[Jonathon Feit] 15:11:41

the query, maybe.

[Jonathon Feit] 15:11:43

I would think if you've

[Jonathon Feit] 15:11:45

if you're getting that, if that information is being updated sufficiently quickly

[Jonathon Feit] 15:11:50

if if the

[Jonathon Feit] 15:11:53

If the discharging location is doing their job right, it should be available.

[Jonathon Feit] 15:11:57

But that doesn't mean that all the paperwork is necessarily reconciled fast enough that by 15 minutes later, you'd see them come in the emergency department at Children's.

[Jonathon Feit] 15:12:05

And you'd know who they are, why they're there, and have the ability to do that query.

[Rim Cothren] 15:12:10

Okay.

[Jonathon Feit] 15:12:10

Maybe. Sounds good.

[Rim Cothren] 15:12:11

Let me ask you another question then is discharge disposition

[Rim Cothren] 15:12:17

is that where it goes for a transfer between facilities?

[Jonathon Feit] 15:12:25

It certainly could.

[Jonathon Feit] 15:12:26

Yeah, let me ask you this. When you say you have listed here discharge disposition where?

[Jonathon Feit] 15:12:32

Is there a reason why it's tagged with

[Jonathon Feit] 15:12:35

focus on the location

[Jonathon Feit] 15:12:38

As opposed to the modality?

[Rim Cothren] 15:12:40

Not in my mind.

[Jonathon Feit] 15:12:43

Yeah, you could certainly put the how there. I mean, again, if this person is being discharged home.

[Jonathon Feit] 15:12:48

that's still a house. So how are they being discharged? Also, how are they being uh

[Rim Cothren] 15:12:50

Okay.

[Jonathon Feit] 15:12:54

admitted. So yeah, going to the person the

[Rim Cothren] 15:12:56

Mm-hmm.

[Jonathon Feit] 15:12:59

to Celgene, did I pronounce that right?

[Jonathon Feit] 15:13:01

So to Shelgina's statement about

[Jonathon Feit] 15:13:03

reason for admission

[Jonathon Feit] 15:13:05

method for admission is just as I mean, if you sort of tuck it into that, you could do that too but

[Rim Cothren] 15:13:06

Thank you.

[Jonathon Feit] 15:13:10

Yeah, on the discharge disposition, I'd say Hal fits there pretty well.

[Rim Cothren] 15:13:14

Okay.

[Jonathon Feit] 15:13:15

Did they walk out? Did they get wheeled out?

[Rim Cothren] 15:13:18

Any other comments on this chart or any of the bullets in the

[Rim Cothren] 15:13:18

Yeah.

[Rim Cothren] 15:13:23

Previous slide.

[Rim Cothren] 15:13:28

Well, thanks for that discussion. Let's go on to the next slide, please.

[Rim Cothren] 15:13:33

And let's take on the next topic.

[Rim Cothren] 15:13:35

So just really quickly, we saw this slide some time ago, but I want to make sure that people

[Rim Cothren] 15:13:43

Recall at least how we at CDII and I today will be using terminology. We've been talking about notifications.

[Rim Cothren] 15:13:51

And the notification is what goes to the ultimate recipient of the message.

[Rim Cothren] 15:13:56

that an individual was admitted or discharged. That might be my primary care physician. It might be my health plan, et cetera.

[Rim Cothren] 15:14:05

Events are the messages that are generated at a facility such as a hospital or an ED or SNF.

[Rim Cothren] 15:14:15

And are going to an intermediary that is producing the notification.

[Rim Cothren] 15:14:21

If we go on to the next slide.

[Rim Cothren] 15:14:24

This gives you a picture of what that looks like. Now, this isn't the only use case. If you are a hospital that is generating your own notifications.

[Rim Cothren] 15:14:33

The event standards don't necessarily become important to you because

[Rim Cothren] 15:14:38

you aren't working with an intermediary and you're not having to actually transmit information to them.

[Rim Cothren] 15:14:44

But if you are working with an intermediary such as a QHIO,

[Rim Cothren] 15:14:49

The question here is what is the content that you must communicate

[Rim Cothren] 15:14:55

to that intermediary for them to match to a roster

[Rim Cothren] 15:15:00

And then if there is a match, produce a notification to the ultimate recipient.

[Rim Cothren] 15:15:06

And so that's what the discussion is that we're talking about next is the content of an event.

[Rim Cothren] 15:15:13

Are there any questions about that?

[Rim Cothren] 15:15:17

context.

[Rim Cothren] 15:15:23

So let's go on to the next slide.

[Rim Cothren] 15:15:26

Which are really the questions about this. So the first question is a big one.

[Rim Cothren] 15:15:30

Should DXF specify a minimum technical standard or leave this specification up to the intermediaries? That means that if a hospital or ED or SNF is working with an intermediary.

[Rim Cothren] 15:15:40

It's between the two of them.

[Rim Cothren] 15:15:43

what it is that they specify in that event or

[Rim Cothren] 15:15:47

Should DXF call out a standard for uniformity so that hospitals know what they should expect of all of the intermediaries

[Rim Cothren] 15:15:54

and intermediaries know what they should expect from hospitals.

[Rim Cothren] 15:15:58

And if the latter...

[Rim Cothren] 15:16:00

Should the minimum standard simply be

[Rim Cothren] 15:16:03

The HL7V280T data elements that appeared on the previous slide. Exactly the same content.

[Rim Cothren] 15:16:12

as was in a notification.

[Rim Cothren] 15:16:15

Or is there additional data of some kind that needs to be communicated to an intermediary?

[Rim Cothren] 15:16:22

And then are the events we're talking about an A01, AO3, A12, and A13? That is an admission and discharge

[Rim Cothren] 15:16:31

or the cancellation of an admission or a discharge.

[Rim Cothren] 15:16:33

So I'm going to leave these questions up.

[Rim Cothren] 15:16:37

The first one is what I'd like to tackle first. Do people believe that we should be specifying

[Rim Cothren] 15:16:43

a standard for this or should DXF be silent on that?

[Rim Cothren] 15:16:47

Ray, I see you have your hand up. I also...

[Rim Cothren] 15:16:51

have not caught up with what you dropped in the chat. So if you want to comment on that, feel free. I don't talk and read well at the same time, so feel free.

[Ray Duncan] 15:17:02

I was thinking about the message types, so we probably should

[Ray Duncan] 15:17:07

talk about the first bullet first.

[Rim Cothren] 15:17:11

You're polite enough to raise your hand. You can talk about whatever you want to, Ray.

[Ray Duncan] 15:17:16

Well.

[Ray Duncan] 15:17:18

The only thing I wanted to mention is you know when

[Ray Duncan] 15:17:21

trauma patients come into the ED, they're often registered as a, you know, John Doe or

[Ray Duncan] 15:17:28

trauma john doe or what have you and then later

[Ray Duncan] 15:17:32

When the patient's correct name is

[Ray Duncan] 15:17:36

then...

[Ray Duncan] 15:17:38

the record is sometimes updated so

[Ray Duncan] 15:17:42

And the updates, I believe, would go out on an A08, not any of these message types you've listed. So I just

[Ray Duncan] 15:17:50

I wonder about name changes.

[Ray Duncan] 15:17:56

Because if it was just a John Doe message, obviously it would be impossible to match that against the roster. They would need the correct name.

[Rim Cothren] 15:18:08

All right. Thank you, Ray. So I heard that your suggestion is that we would include an A08

[Rim Cothren] 15:18:14

message on here as well.

[John Helvey] 15:18:18

I support that as well.

[Rim Cothren] 15:18:18

Other thoughts on these questions? Yeah, John, sorry.

[John Helvey] 15:18:21

I support that as well because it does have clinical

[John Helvey] 15:18:25

data that comes later on in the admission

[John Helvey] 15:18:27

from a diagnosis perspective.

[John Helvey] 15:18:30

Or you might get an admitting diagnosis, may give you a little bit of a heads up about what's going on with the patient.

[John Helvey] 15:18:35

As opposed to just the chief complaint.

[Rim Cothren] 15:18:39

Thanks, John. John, while you...

[Rim Cothren] 15:18:44

Well, I have your attention. Do you believe as a QHIO, do you believe that we should specify the standards here?

[John Helvey] 15:18:56

You know, I'm kind of torn. Specify, enforce.

[John Helvey] 15:19:01

How do you do, if you specify

[John Helvey] 15:19:04

How do you enforce it?

[John Helvey] 15:19:06

And is there value in

[John Helvey] 15:19:10

just getting the ADT, regardless of what standard it is yeah

[John Helvey] 15:19:15

I mean, it's information, right?

[Rim Cothren] 15:19:18

Mm-hmm.

[John Helvey] 15:19:19

you get caught in between about that. I don't think that...

[John Helvey] 15:19:23

HL7B2 5.1 is an issue

[John Helvey] 15:19:29

that I would be aware of, but...

[John Helvey] 15:19:32

You know, that's just where I get into that.

[John Helvey] 15:19:34

what's the value of saying, here's the minimum standard?

[Rim Cothren] 15:19:39

Okay, thank you, John.

[Rim Cothren] 15:19:41

Sorry, a lot of people have been polite and raised their hands. Jonathan, I think you were next.

[John Helvey] 15:19:43

Thank you.

[Jonathon Feit] 15:19:46

I just have a very simple question, and I'll leave the matter

[Jonathon Feit] 15:19:51

whether I think John raises a great point.

[Jonathon Feit] 15:19:53

vis-a-vis if you standardize and you need to enforce

[Jonathon Feit] 15:19:57

Well, I heard you ask a question.

[Jonathon Feit] 15:19:59

this bullet number one

[Jonathon Feit] 15:20:05

Can we specify, can we agree

[Jonathon Feit] 15:20:07

that if you're going to standardize at all

[Jonathon Feit] 15:20:10

that it should be on a national standard?

[Jonathon Feit] 15:20:13

That's really my only question because I would be afraid that if Forrex said, we're going to standardize for california

[Jonathon Feit] 15:20:19

We're going to standardize for this body. I would want to prescribe that if we can.

[Jonathon Feit] 15:20:24

And then beyond that.

[Jonathon Feit] 15:20:26

Yeah, that's it. I just want to ask if we can limit it that way, if we're going to do that then

[Jonathon Feit] 15:20:31

then make it

[Rim Cothren] 15:20:34

Understood. Thank you, Jonathan.

[Rim Cothren] 15:20:36

Tim, you have your hand up.

[Tim Polsinelli] 15:20:38

Yeah, I...

[Tim Polsinelli] 15:20:41

I take an opposite approach. I think we should specify a minimum standard. I think we should make allowances that trading partners, different participants can agree amongst themselves to do something different if they so

[Tim Polsinelli] 15:20:54

think that that's better for them.

[Tim Polsinelli] 15:20:55

But I think the absence of a standard

[Tim Polsinelli] 15:21:00

allows organizations to come up with whatever else they want to do. And then you have a lot of

[Tim Polsinelli] 15:21:07

You have a lot of friction perhaps as you go and try to exchange data with other groups and they've chosen their own things.

[Tim Polsinelli] 15:21:14

Groups can't, different participants can't agree on the particular standard and that delays exchange.

[Tim Polsinelli] 15:21:21

I think the HL7 standard

[Tim Polsinelli] 15:21:23

to John's point makes a lot of sense. It's incredibly common.

[Tim Polsinelli] 15:21:27

When you talk about hospitals and ED departments.

[Tim Polsinelli] 15:21:31

So I'm in favor of specifying a standard.

[Rim Cothren] 15:21:35

Hey, Tim, before you

[Tim Polsinelli] 15:21:35

with the allowance that other things can you know

[Tim Polsinelli] 15:21:38

organizations can agree to do otherwise.

[Rim Cothren] 15:21:40

Great. Thank you, Tim. Before you put your hand down, any thoughts on

[Rim Cothren] 15:21:45

Are the data elements that are on notifications appropriate and on Ray's suggestion to add

[Rim Cothren] 15:21:50

A08 messages to the list?

[Tim Polsinelli] 15:21:52

Yeah, thanks for bringing that up. AO8s.

[Tim Polsinelli] 15:21:55

You know, I always call them the spam of HL7. So it is true that things can get updated in an A08 and it's valuable. It's also incredibly difficult that when you get an A08,

[Tim Polsinelli] 15:22:08

to know what may have changed and how it relates.

[Tim Polsinelli] 15:22:12

And there can be a lot of AO8s, right? So if you think about a consumer of those AO8s.

[Tim Polsinelli] 15:22:19

you might get

[Tim Polsinelli] 15:22:21

10, 20, 30, 40, right? Over the course of an encounter. And that's a lot of noise, I think, for an individual to consume and try to understand

[Tim Polsinelli] 15:22:30

What's different about this and what should I do? Do I need to take action? So I think the 808s is

[Tim Polsinelli] 15:22:39

I would say

[Tim Polsinelli] 15:22:40

know right now, just because of the noise that it produces.

[Rim Cothren] 15:22:43

Okay, thank you, Tim. Danielle, your hand is up.

[Danielle Friend] 15:22:48

Yeah, I was just going to comment on the minimum standard i think

[Danielle Friend] 15:22:51

807 2.5.1 is

[Danielle Friend] 15:22:54

A great place to start. I would say it should be considered a minimum standard because I know I think direct trust has additional versions it allows.

[Danielle Friend] 15:23:01

So we wouldn't want to keep someone from using a higher version if they wanted to.

[Danielle Friend] 15:23:05

Kind of to Tim's point, like allow durability on top of that for trading partners, but having a starting point at

[Danielle Friend] 15:23:12

HL72.5.1, I think makes a lot of sense.

[Rim Cothren] 15:23:15

Thank you, Danielle. Manny.

[Mani Nair] 15:23:18

I agree with having a minimum standard, you know, without that standard, we have seen in the past that

[Mani Nair] 15:23:27

facilities don't comply. It's always a challenge on the consumer to

[Mani Nair] 15:23:32

um you know come up with a pattern of what they send in those transactions. So that's one.

[Mani Nair] 15:23:39

Second, I saw the minimum data fields that what we have on what when

[Mani Nair] 15:23:48

um the

[Mani Nair] 15:23:50

two transaction types that A02 and A08 also is important because

[Mani Nair] 15:23:57

In the update uh if

[Mani Nair] 15:24:00

if people who consider this as nice don't want to listen to them, they have an option not to listen to those.

[Mani Nair] 15:24:06

But not having that available part of the even transaction, those who wanted to use, then we will not have the option to

[Mani Nair] 15:24:13

get updated information from a OAH standpoint.

[Mani Nair] 15:24:16

The concept of when, if a transfer happens, we don't know where the patient or a member

[Mani Nair] 15:24:24

may be after the transfer happens.

[Mani Nair] 15:24:28

So it is important to put EA02 in that message transactions as well too.

[Mani Nair] 15:24:34

Because some of the use case scenarios is really for CAD transfer, like in a CAD transitions from an inpatient

[Mani Nair] 15:24:40

But on ED2, other care providers.

[Mani Nair] 15:24:44

really need to know where the person was. So I think the transfer is also

[Mani Nair] 15:24:48

an import message type that we should enable.

[Rim Cothren] 15:24:53

Thank you, Manny. Would you say that AO2s should be

[Rim Cothren] 15:24:59

required of every facility where an event takes

[Rim Cothren] 15:25:04

place or should be encouraged.

[Mani Nair] 15:25:07

should be encouraged at least, right? When we say request, sometimes it is challenging, but at least you should be encouraged.

[Rim Cothren] 15:25:08

Okay.

[Mani Nair] 15:25:12

Same thing with the level of care changes too. If somebody is getting from an

[Mani Nair] 15:25:17

inpatient and observation status, it's good to really know those details

[Mani Nair] 15:25:23

Especially if you have use cases enabled for those. So those should be really encouraged.

[Rim Cothren] 15:25:29

Great. Thank you, Manny.

[Rim Cothren] 15:25:30

Evelyn, your hands up.

[Evelyn Gallego] 15:25:33

Yes, thank you. So I absolutely agree with the comments around V2.5.1, which is a national standard.

[Evelyn Gallego] 15:25:41

And I know John's on as well. And just building on our conversation we had last week, I think looking at it is like, we had talked about having a01 to A07.

[Evelyn Gallego] 15:25:54

be required.

[Evelyn Gallego] 15:25:56

But A08, I think they also acknowledge in what I've heard and from the community is that it's important as well. But as Tim alluded to, there's such a variety

[Evelyn Gallego] 15:26:07

in what is sent in an A08. So the opportunity here is to work with the community at large

[Evelyn Gallego] 15:26:13

And really specifying what to include in an A08 so you have consistency across all the

[Evelyn Gallego] 15:26:20

Senders of the event notification and those receiving them.

[Evelyn Gallego] 15:26:23

Just something for this group to consider. And I know it's also in discussion as part of the

[Evelyn Gallego] 15:26:29

sandbox co-design meetings.

[Rim Cothren] 15:26:32

Great. Thank you, Evelyn. I see a bunch of hands off. I'm going to pause here for a second. There have been some

[Rim Cothren] 15:26:39

messages in chat, but they've been going primarily to hosts and panelists if people are making

[Rim Cothren] 15:26:45

comments in chat, please make sure that they go to everyone so that they're visible to the

[Rim Cothren] 15:26:51

public participants in the meeting as well. I'll just note for a few things here.

[Rim Cothren] 15:26:57

Ray had commented, and I know we capture mode of arrival for ED registration, but I don't think it's done for direct admits.

[Rim Cothren] 15:27:04

And I don't know if it's in the existing ADT stream that we send to QHIOs either.

[Rim Cothren] 15:27:11

Jonathan replied that I think the

[Rim Cothren] 15:27:15

raise question. If it's not, should it be?

[Rim Cothren] 15:27:18

And then Evelyn agreed in the chat as well as verbally here that HS11V2 is a national standard.

[Rim Cothren] 15:27:27

And agreed with Tim's comments.

[Rim Cothren] 15:27:30

And Ray commenting that

[Rim Cothren] 15:27:33

specifying 2.5.1 is too granular and 2.5

[Rim Cothren] 15:27:39

or later is probably a better specification.

[Rim Cothren] 15:27:41

Thanks for all of those comments. Please change to everyone as you move forward.

[Rim Cothren] 15:27:47

Sergina, I see your hand up. Thanks for being patient with me.

[Sheljina Ibrahim Kutty] 15:27:51

Sure. I agree with HL7 version 2.5.1 as a standard and the adoption is kind of like

[Sheljina Ibrahim Kutty] 15:28:02

great for that standard. So I am in with that.

[Sheljina Ibrahim Kutty] 15:28:06

The A08 event notification, I was wondering if you're considering for a08

[Sheljina Ibrahim Kutty] 15:28:13

then what about 828, which is again add patient information, right? So we should be encouraging that as well, along with A08, which is for updating the information.

[Sheljina Ibrahim Kutty] 15:28:27

And 828 is for adding patient information, right? I mean, that should also be considered.

[Rim Cothren] 15:28:35

Thank you. Ray, you have your hand up.

[Ray Duncan] 15:28:43

are just when you're going to talk about ADT spam, I mean, AO2s can really be spammy like all

[Ray Duncan] 15:28:50

Our patients are being transferred around constantly during an admission and it really

[Ray Duncan] 15:28:56

would be a lot of excess noise without any change to the demographics.

[Ray Duncan] 15:29:03

I guess I'm as dubious about AO2s as I am about AOAs.

[Rim Cothren] 15:29:17

Thank you, Ray.

[John Helvey] 15:29:19

I'll just chime in here a little bit too i mean

[John Helvey] 15:29:22

When we're talking about standards for notifications like

[John Helvey] 15:29:25

I want to get the 08s because of how we display that stuff. I'm not saying that

[John Helvey] 15:29:32

We're going to notify on all those AOAs. I mean, because that is a lot of noise that fills up a lot of buckets.

[John Helvey] 15:29:39

So I think that there might be...

[Ray Duncan] 15:29:43

Okay.

[John Helvey] 15:29:43

you know, notifications to intermediaries versus notifications to

[John Helvey] 15:29:48

providers, right? I don't know what the correct answer is there.

[John Helvey] 15:29:52

I just find that myself trying to fit all this into one big bucket doesn't work for my mind.

[John Helvey] 15:30:00

And then...

[John Helvey] 15:30:01

not having some of the clinical data that comes through it.

[John Helvey] 15:30:06

That's a problem.

[John Helvey] 15:30:09

So...

[Rim Cothren] 15:30:10

So thanks, John. And Ken, I do see your hand up just a second. So John, would you suggest that maybe AO2s and AO8s and A

[Rim Cothren] 15:30:20

28, be encouraged but not necessarily must trigger a notification event.

[Rim Cothren] 15:30:27

Is that what you're saying?

[John Helvey] 15:30:29

Well, yeah, you know, and I also...

[John Helvey] 15:30:32

I mean...

[John Helvey] 15:30:36

Yeah. And I think one use case is

[John Helvey] 15:30:40

Where does the information about transformation of a Jane Doe, John Doe

[John Helvey] 15:30:45

come in. I don't have that answer right off the top of my head. Tim might have that answer.

[John Helvey] 15:30:50

But I don't, but we need to make sure that that

[John Helvey] 15:30:53

information comes forward appropriately.

[John Helvey] 15:30:57

Is that in...

[John Helvey] 15:30:59

potentially a potentially

[John Helvey] 15:31:03

A40? I mean, does that happen with a merge when they actually

[John Helvey] 15:31:07

merge the Jane Doe, John Doe into it. I mean, I don't know. I don't know the answer. I think it's

[John Helvey] 15:31:12

It's a question that I still have out there.

[Rim Cothren] 15:31:16

All right. Ken, thank you for being patient with me.

[Ken Riomales] 15:31:21

Sure thing. So for clarification, when we're talking about ADTs in the context of notifications, are we talking about a one-to-one ratio, basically a notification for every

[Ken Riomales] 15:31:30

ADT message that potentially comes in.

[Ken Riomales] 15:31:33

If so, I think that brings into further consideration, is that going to be overkill?

[Ken Riomales] 15:31:38

I think we brought this up before in the past.

[Ken Riomales] 15:31:40

So consideration of including multiple segments

[Ken Riomales] 15:31:45

are multiple types of messages

[Ken Riomales] 15:31:47

I think that would be a consideration to that. I'm sure there are some organizations that will say, give me everything you got.

[Ken Riomales] 15:31:53

But if you're talking about simple providers or very specific specialties or whatnot, they're going to be looking at it from the perspective of, well, I only want to know this. I don't care about everything else.

[Ken Riomales] 15:32:04

perhaps for consideration in terms of expanding the minimum data sets or minimum

[Ken Riomales] 15:32:09

message types that we're considering here.

[Rim Cothren] 15:32:13

Great. Thank you, Ken.

[Rim Cothren] 15:32:17

Any other comments on...

[Rim Cothren] 15:32:20

event content.

[Rim Cothren] 15:32:24

So I'm going to summarize real quickly what I thought I heard is yes, DXF

[Rim Cothren] 15:32:30

should establish a minimum standard

[Rim Cothren] 15:32:34

for um

[Rim Cothren] 15:32:36

events that it should leave the door open for organizations to negotiate between themselves something other than that requirement.

[Rim Cothren] 15:32:46

And that we shouldn't be so specific as to call out a specific HL7V2 message standard

[Rim Cothren] 15:32:53

but allow organizations to choose a more recent standard.

[Rim Cothren] 15:32:59

that HL7V2 is where we should land.

[Rim Cothren] 15:33:03

that the data elements that we specified for notification should be in that message as well.

[Rim Cothren] 15:33:10

that we should specify

[Rim Cothren] 15:33:12

A01, AO3, A12, A13, and encourage

[Rim Cothren] 15:33:19

AO2, AO8,

[Rim Cothren] 15:33:23

AO4 and A28.

[Rim Cothren] 15:33:30

And that we don't require

[Rim Cothren] 15:33:33

organizations

[Rim Cothren] 15:33:34

to have a one-to-one mapping from every event notice

[Rim Cothren] 15:33:40

notification they excuse me, every event they receive

[Rim Cothren] 15:33:44

to necessarily turn it into a notification.

[Rim Cothren] 15:33:48

Did I get that about right? Danielle, I see your hand up. So fix what I did wrong.

[Danielle Friend] 15:33:53

Yeah, just the additional types as like you should recommend it. I would say recommended if your trading partners

[Danielle Friend] 15:34:00

want them or they're not recommended just to send for funsies. It would be only if it was useful for the

[Rim Cothren] 15:34:01

Okay.

[Danielle Friend] 15:34:06

receiving party.

[Danielle Friend] 15:34:08

If that makes sense to add.

[Rim Cothren] 15:34:09

Thank you. Yes, it does.

[Rim Cothren] 15:34:16

All right. I'm going to take silence as a good sign. Let's go on to the next slide.

[Rim Cothren] 15:34:22

And we've been talking about events

[Rim Cothren] 15:34:25

We're actually going to step back for a second and talk about notifications because I think notifications is our next

[Rim Cothren] 15:34:31

difficult question to overcome here.

[Rim Cothren] 15:34:34

So let's go on to the next slide and just some of the considerations when we're talking about notifications. We've talked about what needs to be in the message.

[Rim Cothren] 15:34:42

Now let's talk about how the message actually gets there. How does the notification get to the recipient?

[Rim Cothren] 15:34:48

So first, we must allow for machine readable messages as well as human readable notifications.

[Rim Cothren] 15:34:55

Obviously, human readable content can't be in an HL7 v2 stream.

[Rim Cothren] 15:35:01

And so we need to be thinking about how do we enable both of these comment types.

[Rim Cothren] 15:35:07

We must content types. We must consider varying levels of sophistication

[Rim Cothren] 15:35:13

that while we are, you know, our.

[Rim Cothren] 15:35:16

use case that pops into our head is primarily a hospital or ED sending notifications to an ambulatory care provider or a plan.

[Rim Cothren] 15:35:26

that there are other notifications that we want to support at least sometime in the future, which might be

[Rim Cothren] 15:35:34

Recognizing that not all partners can consume an HL7 V2 message, even some ambulatory providers may not be able to do that.

[Rim Cothren] 15:35:44

And that not all recipients may be able to obtain a direct accredited

[Rim Cothren] 15:35:50

address. Direct has

[Rim Cothren] 15:35:52

promoted direct trust is promoted using

[Ray Duncan] 15:35:55

Thank you.

[Rim Cothren] 15:35:55

direct for this, but if you are a care coordinator at

[Rim Cothren] 15:36:01

CBO.

[Rim Cothren] 15:36:03

you're unlikely as a not

[Rim Cothren] 15:36:06

covered as not being part of a covered entity under HIPAA, you're unlikely to be able to obtain a direct address. So that would carve out a large

[Rim Cothren] 15:36:14

portion of the population that might not be able to receive things.

[Rim Cothren] 15:36:19

They must be implemented both by facilities that have chosen to use their own technology and intermediaries. So we're talking about a large population of organizations that must do this.

[Rim Cothren] 15:36:29

That means that the potential mechanisms for HL7 messages might be point-to-point connections that you'd expect now.

[Rim Cothren] 15:36:37

or as an attachment to a direct secure message. That's what direct trust was recommending in their standard.

[Rim Cothren] 15:36:42

and potential mechanisms for human readable

[Rim Cothren] 15:36:45

might be a portal with an SMS or email alert to check for new events.

[Rim Cothren] 15:36:50

or might be the body of a direct secure message. And I only call those out to get your brain thinking about

[Rim Cothren] 15:36:56

some of the different possibilities, there are many possibilities for how these things might arrive.

[Rim Cothren] 15:37:02

But those are at least some of the alternatives that I've heard some people, some of my colleagues and some of you voice

[Rim Cothren] 15:37:10

support for. So let's go on to the next slide, which is really the questions that I'd like us to start to address here is.

[Rim Cothren] 15:37:20

Should all facilities using their own technology and intermediaries be required to transmit HL7 V2 messages via HTTPS or VPN? Or is there something else that we should have as our specification there?

[Ken Riomales] 15:37:33

Okay.

[Rim Cothren] 15:37:34

And should all facilities using their own technology or intermediaries be required to establish a portal

[Rim Cothren] 15:37:41

And SMS or email notifications to participants. Now, again, as minimum standards, that doesn't mean

[Rim Cothren] 15:37:48

Then an intermediary can't use direct, can't use other mechanisms to send notifications.

[Rim Cothren] 15:37:55

But this would be the floor that we would establish. So I'm going to be quiet there.

[Rim Cothren] 15:38:01

ponder this a little bit and what do people think about what we should establish as

[Rim Cothren] 15:38:06

minimum transport standards.

[Rim Cothren] 15:38:12

Yes, Jonathan.

[Jonathon Feit] 15:38:14

So again, I just want to put out something briefly for thought, but I want to give some

[Jonathon Feit] 15:38:20

sense of why, in my opinion, this is a really important conversation.

[Jonathon Feit] 15:38:25

You mentioned ambulatory providers earlier or that ambulance is not the same as ambulatory.

[Jonathon Feit] 15:38:32

Ambulance providers are today

[Jonathon Feit] 15:38:35

And this came up about 30 minutes ago in another conference call

[Jonathon Feit] 15:38:40

with folks in another state.

[Jonathon Feit] 15:38:42

they are using their own

[Jonathon Feit] 15:38:45

methods for notifications

[Jonathon Feit] 15:38:48

And alerts.

[Jonathon Feit] 15:38:49

So those are outside of the EHR. They are not

[Jonathon Feit] 15:38:55

easily today reconciled into the EHR and

[Jonathon Feit] 15:39:00

I don't like to knock that approach because I really like the people who are running those companies.

[Jonathon Feit] 15:39:00

while i have you know i have

[Jonathon Feit] 15:39:06

But from a continuity of care perspective, that's not fantastic.

[Jonathon Feit] 15:39:10

So to the degree that you have

[Jonathon Feit] 15:39:14

organizations that

[Jonathon Feit] 15:39:16

Again, it's

[Jonathon Feit] 15:39:18

they should be playing everybody should be playing on the same playing field is what it comes down to. Because otherwise they're figuring out ways to do it

[Jonathon Feit] 15:39:24

And every time an alternate route is

[Jonathon Feit] 15:39:30

found, there is the question of how do you identify

[Jonathon Feit] 15:39:33

For example, that a STEMI alert, a stroke alert, a trauma alert was thrown

[Jonathon Feit] 15:39:39

that does not exist

[Jonathon Feit] 15:39:41

inside the EHR and ultimately leads to a scavenger hunt of sorts.

[Jonathon Feit] 15:39:47

So, um.

[Jonathon Feit] 15:39:49

Yeah, like I said, I don't want to sidetrack this conversation. I want to throw out there that where this is not standardized

[Jonathon Feit] 15:39:54

folks are figuring out other ways to do it.

[Jonathon Feit] 15:39:57

Which is somewhat counterproductive to a unified data set.

[Jonathon Feit] 15:40:01

This is a very high high

[Jonathon Feit] 15:40:03

an area of high interest to

[Jonathon Feit] 15:40:06

folks who are otherwise, they don't have a choice. They need to queue up the process.

[Rim Cothren] 15:40:10

Thank you, Jonathan. Appreciate that context.

[Rim Cothren] 15:40:15

So what are people thinking about

[Rim Cothren] 15:40:18

Transport for notifications.

[Jonathon Feit] 15:40:21

Also, we use direct now.

[Jonathon Feit] 15:40:24

it's working, not the most fantastic thing in the world.

[Jonathon Feit] 15:40:27

bit of a pain in the butt, but it works.

[Jonathon Feit] 15:40:30

So I think to the degree that you're sending

[Jonathon Feit] 15:40:34

you know emails and stuff. Actually, since I see Dave here, the Eddie works great

[Jonathon Feit] 15:40:40

So I'll check on to whatever he's going to say in that regard, because that's working fantastically. Again, the other methods work too.

[Jonathon Feit] 15:40:48

They're just, it kind of feels

[Jonathon Feit] 15:40:50

like you're driving a vehicle that's been sitting in somebody's garage since the 70s.

[Jonathon Feit] 15:40:55

And maybe it still works. It gets you to point to point, but there's a lot more efficient ways of doing things. But if you're looking for a lowest common denominator.

[Jonathon Feit] 15:41:04

you know they get to there and it's there are very large health systems

[Jonathon Feit] 15:41:07

that are using direct and doing it just fine.

[Rim Cothren] 15:41:10

Great. Thank you, Jonathan. Dave.

[Dave Green] 15:41:13

Yeah, comments on the first bullet here. I don't know if it's necessary for us to require one or the other.

[Dave Green] 15:41:18

Typically, this comes down to their ability to support via HTTPS or VPN.

[Dave Green] 15:41:26

One is better than the other, in my opinion. I think the only thing we could add to this would be fire.

[Dave Green] 15:41:31

payloads, but I don't know if the group is or the intermediaries in Cuchos are really

[Dave Green] 15:41:37

wanting to go down that path, considering there's just low adoption of fire on the provider side.

[Dave Green] 15:41:42

And their ability to process. But I don't think we need to

[Dave Green] 15:41:46

define one or the other as requirement.

[Dave Green] 15:41:48

Just leave it optional.

[Rim Cothren] 15:41:50

So Dave, in trying to get ready for today's meeting, I went out and took a quick look and couldn't find a good implementation guide for using FHIR for these types of payloads.

[Rim Cothren] 15:42:03

Is there something out there? I know that da Vinci looked at something that looked like it had

[Dave Green] 15:42:06

Yeah.

[Rim Cothren] 15:42:08

hadn't been updated in two or three years.

[Rim Cothren] 15:42:11

Is there something out there to reference?

[Dave Green] 15:42:13

Well, I think the da Vinci payload spec is probably what we've seen to be the most adopted one. And when we, again, in the last two years, lots of people talk about fire, but we find that very few actually know what

[Dave Green] 15:42:26

know how to do it. And so probably where the ecosystem is going in the next

[Dave Green] 15:42:32

few years, but definitely very early.

[Danielle Friend] 15:42:36

Would you, Dave, were you thinking fire would be the message format or something else?

[Dave Green] 15:42:42

Yeah, the ADT message formatting kind of pushing out outbound

[Danielle Friend] 15:42:46

Because I think fire messaging is still pretty immature. So I think maybe we just need to

[Dave Green] 15:42:51

Mm-hmm.

[Danielle Friend] 15:42:52

Think about it as a future possibility and keep an eye out for standards that grow in that space.

[Dave Green] 15:42:57

Oh, yeah, we agree. I am not promoting it as a requirement. I think leaving it the option between HTTPS or VPN, I think is fine.

[Rim Cothren] 15:43:06

Great. Thank you, Dave.

[Rim Cothren] 15:43:10

John, your hands up.

[John Helvey] 15:43:12

Well, I just, you know, I just agree with Dave. I don't think, you know, standard over HTTPS or VPN needs to be defined.

[John Helvey] 15:43:19

If you're requiring only HL7 v2

[John Helvey] 15:43:22

Typically, you're going to systems that are OSE certified or things of that nature so

[John Helvey] 15:43:28

events and service deliveries around CBOs and

[John Helvey] 15:43:31

ECMs and stuff like that might not necessarily be adopted in a platform. It could be coming over via JSON or some other method for notifications.

[John Helvey] 15:43:42

you know when we're saying facilities

[John Helvey] 15:43:45

what is it we're really talking about? Because there's

[John Helvey] 15:43:47

a need for notifications around

[John Helvey] 15:43:49

events that aren't necessarily ED and inpatient related. And so I kind of, you know, I'm thinking about expanding that

[John Helvey] 15:43:57

that thought process here and how

[John Helvey] 15:44:00

This could be received in

[John Helvey] 15:44:04

in the ecosystem as, oh, well, how are we going to do that right

[John Helvey] 15:44:09

So just wanted to plant that seed.

[Rim Cothren] 15:44:13

Thanks, Sean.

[Rim Cothren] 15:44:16

Danielle, I saw your hand up for a minute and come down. Did you make the comments you intended?

[Danielle Friend] 15:44:20

Yeah, I'm good. I just wanted to chime in on Dave's point, so

[Rim Cothren] 15:44:24

Great. Tim.

[Tim Polsinelli] 15:44:29

I think I agree with Dave and John. I think I'm a little mixed.

[Tim Polsinelli] 15:44:35

My earlier comment was defining a standard allows organizations to kind of rally around that and choose to do something else versus picking their own thing and then hoping it works.

[Tim Polsinelli] 15:44:44

when they go out to connect to others.

[Tim Polsinelli] 15:44:49

But I think I'm okay, at least from a transport perspective

[Tim Polsinelli] 15:44:52

you know, pick a different method.

[Tim Polsinelli] 15:44:55

Being in the weeds a little bit with HTTPS, I think I've counted at least eight different ways that organizations have built a web server to communicate

[Tim Polsinelli] 15:45:05

HL7 messages. So it might be an interesting task. I didn't have a chance to do it before this meeting, but it may be an interesting task to go look.

[Tim Polsinelli] 15:45:15

To see what types of standards are out there for HTTPS, HL7 exchange to see if there's

[Tim Polsinelli] 15:45:21

some opportunity to suggest particular implementation methods.

[John Helvey] 15:45:27

I knew you'd come around, Tim.

[Tim Polsinelli] 15:45:30

I like HTTPS. I just don't like having to talk to eight different people that want to do it 12 different ways.

[Rim Cothren] 15:45:37

Well, and that is why I'm asking this question is, you know.

[Rim Cothren] 15:45:41

do we specify one? Do we specify a couple? Do we specify a minimum that everybody

[Rim Cothren] 15:45:46

must support, but they can choose other options. That is the question that I'm trying to figure out.

[Rim Cothren] 15:45:53

how do we best promote

[Rim Cothren] 15:45:55

moving the industry forward.

[Tim Polsinelli] 15:45:57

Yeah, I mean, you know, in our, John can attest to this too you know at

[Tim Polsinelli] 15:46:02

at the HIE here, when we move ADTs, we give customers one of three ways. And they're standard ways, and we don't really flex between them, but we give three different options.

[Tim Polsinelli] 15:46:11

And between those three, we find something that works.

[Tim Polsinelli] 15:46:14

We don't support the HTTPS model today, at least standardly.

[Tim Polsinelli] 15:46:20

um you know i

[Tim Polsinelli] 15:46:21

I have personal opinions of that. I would like that to change at some point. I think it's a little bit easier.

[Tim Polsinelli] 15:46:26

So that's where we are.

[Rim Cothren] 15:46:29

Great. Thank you, Tim. What three do you use?

[John Helvey] 15:46:31

I just think you got to be careful of the guardrails that you put up because it might have the unintended consequences of not having data flow.

[John Helvey] 15:46:37

And so I think

[Rim Cothren] 15:46:38

Absolutely.

[Rim Cothren] 15:46:40

Absolutely, John. And I think that that's one of the things that I want to make sure that we identify.

[Rim Cothren] 15:46:46

is what are the places where we could put up enough guardrails that

[Rim Cothren] 15:46:50

we would stifle data movement and don't want to do that. We want to promote data movement and so

[Rim Cothren] 15:46:56

Providing guidance that is flexible enough

[Rim Cothren] 15:46:59

something like that, I think should be the goal here.

[Rim Cothren] 15:47:03

Okay.

[Ken Riomales] 15:47:03

Rem, quick question for you. Correct me if I'm wrong, but in one of the PNPs for the DXF, there's already verbiage with around ADTs that one of the components is

[Ken Riomales] 15:47:12

kind of says something along the lines of agreed upon

[Ken Riomales] 15:47:16

format or agreed upon methodology.

[Rim Cothren] 15:47:19

So, um.

[Rim Cothren] 15:47:20

In most cases, the PNPs specify a standard as a minimum standard and

[Rim Cothren] 15:47:28

alternatives if agreed upon by both parties for

[Rim Cothren] 15:47:33

Notification of ADT events, there is no minimum standard specified at all.

[Rim Cothren] 15:47:38

And so it is free to use any standard. That's why we're having the conversation here today is to decide

[Rim Cothren] 15:47:44

what should be the guardrails that we put around notifications of events.

[Ken Riomales] 15:47:51

Thank you.

[Rim Cothren] 15:47:53

We have about three minutes before we're supposed to turn to public comment. I'd like to

[Rim Cothren] 15:47:59

talk just very briefly

[Rim Cothren] 15:48:01

about the second bullet here, because most people have concentrated on the machine readable content

[Rim Cothren] 15:48:06

So how about the non-machine readable content?

[Rim Cothren] 15:48:10

What is the minimum standard? Should there be a minimum standard for how a human readable content is made available?

[Rim Cothren] 15:48:18

And if so, what should that be

[Rim Cothren] 15:48:24

Yes, Dave.

[Dave Green] 15:48:25

Yeah, I think this bullet, the second bullet requires probably a little bit more conversation than the time we have but

[Rim Cothren] 15:48:30

I think so too, but let's get it started at least.

[Dave Green] 15:48:33

Yeah, the drive from a direct message versus enabling portals and text messages and all that is a big difference in how we support that

[Dave Green] 15:48:43

So if the expectation is portal building and then driving

[Dave Green] 15:48:47

clinics and whatnot i think that's um

[Dave Green] 15:48:50

That's a big difference than pushing kind of the direct trust standard of direct messages with human readable content.

[Dave Green] 15:48:57

We'd love to get the other intermediary's opinions on that.

[Tim Polsinelli] 15:49:05

I'll speak up. I'm much more in favor of pushing something than trying to potentially support

[Tim Polsinelli] 15:49:13

an infrastructure where different organizations are going to come and retrieve

[Tim Polsinelli] 15:49:17

thinking about it from those organizations perspective too, if they've got to go to multiple different portals to get this type of information, right? That's a

[Ken Riomaes] 15:49:21

Thank you.

[Tim Polsinelli] 15:49:25

not necessarily the greatest user experience for those groups as well.

[Rim Cothren] 15:49:31

Thank you, Tim. Jonathan.

[Jonathon Feit] 15:49:35

Just probably an obvious caution.

[Jonathon Feit] 15:49:39

the more things that ping you on your phone, the more noise they become.

[Jonathon Feit] 15:49:43

the less likely you are to look down and say, I'm going to donate to that politician today.

[Jonathon Feit] 15:49:49

So.

[Jonathon Feit] 15:49:51

You know, but...

[Jonathon Feit] 15:49:52

Pushing is great, but where?

[Jonathon Feit] 15:49:55

We still haven't solved email.

[Jonathon Feit] 15:49:58

Sorry, can you guys hear me? I'm a little far from my computer. Yeah, we still haven't solved email so

[Jonathon Feit] 15:50:04

how do you keep things from becoming junk?

[Jonathon Feit] 15:50:06

if you're in a rural environment, sounds great. If you're in downtown San Francisco.

[Jonathon Feit] 15:50:11

And you're getting alerts every few seconds

[Jonathon Feit] 15:50:14

is that viable?

[Jonathon Feit] 15:50:18

I only, yeah, I don't know.

[Jonathon Feit] 15:50:20

I know that there are some really interesting

[Jonathon Feit] 15:50:24

ways around that. In recent years, one that comes to mind

[Jonathon Feit] 15:50:29

was San Mateo Medical Center, not too far from some of us.

[Jonathon Feit] 15:50:33

where they emphasized that they really wanted the messages to land on a status board that was visible

[Jonathon Feit] 15:50:40

by various points inside the hospital?

[Jonathon Feit] 15:50:43

For example, again, I'm thinking about from a physical transport perspective but

[Jonathon Feit] 15:50:47

those alerts came in, they just didn't land on an individual's

[Rim Cothren] 15:50:50

Thank you.

[Jonathon Feit] 15:50:50

phone or pager or something. It was just more like an old RSS feed, if you guys remember those from back in the day.

[Jonathon Feit] 15:50:58

where the information would show up.

[Jonathon Feit] 15:51:00

And you could see it in a feed and it would cycle, you know, again, you're thinking of things like

[Jonathon Feit] 15:51:06

At the airport, you know, you see the flight status so

[Jonathon Feit] 15:51:09

I would encourage us to not

[Jonathon Feit] 15:51:12

create noise. But at the same time, people need to be able to say, I need that. I can find more about that

[Rim Cothren] 15:51:19

Thank you, Jonathan. Evelyn.

[Evelyn Gallego] 15:51:25

Yes. So I just, I think hearing this and also, Jonathan, you remind me of also what we learned in Design Studio we had under the sandbox.

[Evelyn Gallego] 15:51:35

Perhaps this is something where it becomes more of a user-centered or human-centered approach where you're asking, I think too, is like you can subscribe. So it's easier again, the low common denominator is to have

[Evelyn Gallego] 15:51:47

the email messages and alerts and you subscribe. And I know there are different options, of course, immediate or, you know, you have a batch.

[Evelyn Gallego] 15:51:56

So I think it's also

[Evelyn Gallego] 15:51:58

I would say more implementation, like how does the recipient of the event notification want to receive it, right? I think from an efficiency perspective.

[Evelyn Gallego] 15:52:09

Our learning has been that they don't want to log into multiple portals, right? They would appreciate, especially if they're under ECM, like they need to have that message right away.

[Evelyn Gallego] 15:52:20

If they're an ECM provider. So logging into a portal and refreshing that is not efficient for them, right? So I think it's really depends

[Evelyn Gallego] 15:52:29

on the implementation.

[Rim Cothren] 15:52:30

Thank you, Evelyn. Tim, you have your hand up. Is that from

[Rim Cothren] 15:52:35

prior commenter.

[Tim Polsinelli] 15:52:37

Prior comment, I'm lowering. Thanks, Ram.

[Rim Cothren] 15:52:39

Yeah, thank you.

[Rim Cothren] 15:52:41

Well, I think we have more to talk about on this topic, but we are at time.

[Rim Cothren] 15:52:47

Alice, can you take us to public comment, please?

[Alice K - Events] 15:52:53

Absolutely. Thanks, Rem.

[Alice K - Events] 15:52:55

Participants may submit written comments and questions through the Zoom Q&A box. All comments will be recorded and reviewed by CDII staff.

[Alice K - Events] 15:53:04

To make a verbal comment, members of the public must raise their hand for Zoom facilitators to unmute them.

[Alice K - Events] 15:53:09

If you've joined via Zoom interface, you can click raise hand at the bottom of your screen. And if you've dialed in by phone only, press star nine to raise your hand and listen for your phone number to be called.

[Alice K - Events] 15:53:21

All individuals will be given two minutes. Please state your name and organizational affiliation when you begin.

[Alice K - Events] 15:53:29

And we do not have any hands raised from the public at this time.

[Rim Cothren] 15:53:33

All right. Thank you, Alice. We'll give people

[Rim Cothren] 15:53:37

a couple more minutes just to fight with their technology to see if there are any comments from the public.

[Rim Cothren] 15:53:53

While we're doing that, I want to thank everybody today about being really engaged with today's discussion.

[Rim Cothren] 15:53:58

I have a lot of meetings I go to. I actually look forward to these because you're a great group of people to be working with. I really appreciate the conversation and engagement here.

[Rim Cothren] 15:54:10

Alice, do we have any other hands?

[Alice K - Events] 15:54:13

No hands raised.

[Rim Cothren] 15:54:15

All right. Well, then let's go ahead and move forward. We go on to the next step slide.

[Rim Cothren] 15:54:20

The one after this, and we still have two more meetings on the books. I didn't know how far we'd get with today's meeting.

[Rim Cothren] 15:54:27

I'm sure we're going to have the meeting on Monday, December 2nd.

[Rim Cothren] 15:54:32

I think what you folks should expect is that we'll come back to the topic

[Rim Cothren] 15:54:36

of transport for human readable content and notifications. Please give some thought about what you would propose

[Rim Cothren] 15:54:45

about a minimum standard or minimum standards

[Rim Cothren] 15:54:49

that we might set there

[Rim Cothren] 15:54:51

I would encourage people to think about that question from the point of view of the recipient. How do we lower the burden for the folks that actually should be receiving these messages?

[Rim Cothren] 15:55:03

keeping um

[Rim Cothren] 15:55:05

Alert fatigue and some of those things that we've talked about already today in mind.

[Rim Cothren] 15:55:11

If we have time, then we will go to transport

[Rim Cothren] 15:55:16

for events as well.

[Rim Cothren] 15:55:19

I expect that to be a simpler conversation, so we might be able to finish up that conversation

[Rim Cothren] 15:55:25

on the 5th as well, there are at least a couple of slides in today's deck that we didn't display today that would help drive that conversation.

[Rim Cothren] 15:55:33

So please take a look at those.

[Rim Cothren] 15:55:35

to think about things before the next meeting as well. We have a couple minutes here. I want to give people an opportunity for any parting comments before we close our meeting. Any other thoughts that anybody would like to share before we close today?

[Rim Cothren] 15:55:58

If not, then thank you all again. Have a happy Thanksgiving and a safe

[Rim Cothren] 15:56:04

Thanksgiving, if any of you are traveling

[Rim Cothren] 15:56:05

And we will see you again in about two weeks.



[Rim Cothren] 15:56:08

Thank you all.

[John Helvey] 15:56:10

Thanks, Rem.