



**California Health & Human Services Agency
Data Exchange Framework Technical Advisory Committee (TAC) Meeting
Transcript (12:00 PM – 1:00 PM PT, August 21, 2025)**

The following text is a transcript of the August 21, 2025, meeting of the California Health and Human Services Agency Data Exchange Framework TAC. 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.

[Catalina Cole | Manatt Events] 15:00:22

Hello and welcome. My name is Catalina, and I'll be in the background to support with Zoom.

[Catalina Cole | Manatt Events] 15:00:27

If you experience technical difficulties, please type your question into the Q&A.

[Catalina Cole | Manatt Events] 15:00:32

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

[Catalina Cole | Manatt Events] 15:00:37

And with that, I'd like to introduce Rim Cothrin.

[Rim Cothren | HCAI] 15:00:40

Thank you, Catalina, and thank you, everyone, for joining us for our second meeting of the.

[Rim Cothren | HCAI] 15:00:47

Tech, uh, focus group on event notification architecture today. Uh, let's go on to the next slide, please.

[Rim Cothren | HCAI] 15:00:56

We always begin all of our meetings with our vision for data exchange in California.

[Rim Cothren | HCAI] 15:01:00

As always, I'm not going to read this slide to you.



[Rim Cothren | HCAI] 15:01:03

But we do, uh, envision event notification as being an important part of exchange in California. It's one of the places where we're.

[Rim Cothren | HCAI] 15:01:12

Blazing a little bit of a new trail, so I'm asking everybody to come along with us and help advise us on how to advance what we believe is an important mode.

[Rim Cothren | HCAI] 15:01:21

Of health and social services information exchange. Let's go on to the next slide, please.

[Rim Cothren | HCAI] 15:01:28

Just very briefly, our agenda for today, we're currently on the welcome and roll call. We'll talk briefly about what we heard at our last meeting. We'll invite you all to.

[Rim Cothren | HCAI] 15:01:40

Uh, check us on there. We'll talk just incredibly briefly about key terms, uh, that we'll be using here, just as a reminder, so that we have a common language.

[Rim Cothren | HCAI] 15:01:49

And then we have 3 new potential event notification architectures that we will.

[Rim Cothren | HCAI] 15:01:54

Focus on today. We'll pause about 10 minutes before the hour for public comment. I'm going to try really hard to hit that mark, so I hope everyone will work with me.

[Rim Cothren | HCAI] 15:02:05

Uh, to keep our. Um, keep us on time.

[Rim Cothren | HCAI] 15:02:08



And then we will close out the meeting with just a quick next steps and any closing remarks.

[Rim Cothren | HCAI] 15:02:15

Go on to the next slide, please. Just a reminder for members of the public that have joined us.

[Rim Cothren | HCAI] 15:02:22

Will be pausing again for public comment. Uh, during the meeting, about 10 minutes before the top of the hour, we do ask people that participate in public comment to identify yourselves and keep your.

[Rim Cothren | HCAI] 15:02:35

Comments, uh, brief. So that we can give time for everyone within the allotted time.

[Rim Cothren | HCAI] 15:02:41

Members of the public may also use Zoom's Q&A feature. Uh, to ask questions.

[Rim Cothren | HCAI] 15:02:48

Or to make comments, anything that you put into the Q&A is seen by everybody, both the panelists and members of the public, so you can use that space to comment on what you've heard here.

[Rim Cothren | HCAI] 15:02:58

We try to watch that, but I can't guarantee that we'll be answering all of the questions that you put in there, but we do take a look at it after the meeting.

[Rim Cothren | HCAI] 15:03:05

Members of the panelists, you can also look at the Q&A. Sometimes there's good points that you may want to elevate and discuss there.

[Rim Cothren | HCAI] 15:03:14

And to the extent that we can, we answer those questions as we go along.



[Rim Cothren | HCAI] 15:03:18

Also, for the panelists here. I really encourage people to talk rather than use the chat.

[Rim Cothren | HCAI] 15:03:24

But if you do use the chat, please be sure to chat to everyone, not just panelists.

[Rim Cothren | HCAI] 15:03:30

So that members of the public can see what you say there.

[Rim Cothren | HCAI] 15:03:33

Go on to the next slide, please. And we're not going to call roll at all of our meetings, but I do want to pause here for just a few minutes for some of the folks that weren't able to join us for our last meeting.

[Rim Cothren | HCAI] 15:03:44

Give them a chance to. Stay high, and the organization that they're representing.

[Rim Cothren | HCAI] 15:03:51

Uh, first of all, Danielle is being represented by Hans today.

[Rim Cothren | HCAI] 15:03:55

Uh, from EHRA, Hans, do you wanna... come on camera and say hi real quick.

[Hans Buitendijk] 15:04:00

Uh, good afternoon. My name is Hans Barttek, I'm with Danielle at, uh, with the EHRA, so I'm standing in for her today as she is at her company's user group meeting.

[Rim Cothren | HCAI] 15:04:11

Thank you, Hans. Uh, Demetrio, are you with us today? Don't see him on the participants list.

[Rim Cothren | HCAI] 15:04:22



Manny, are you with us today?

[Rim Cothren | HCAI] 15:04:28

We don't see Manny either. Marta, I did hear you.

[Marta Galan] 15:04:33

Hi, yes, Marta Galan here from CDSS. Sorry I had to miss last time, but excited to be here.

[Marta Galan] 15:04:39

Uh, representing Department of Social

[Rim Cothren | HCAI] 15:04:41

Thank you, Marta. Uh, Michael, I know that you were on a flight last time.

[Michael Marchant (Sutter Health)] 15:04:46

Yeah, I was on a flight earlier today. I'm committed to being here for you, Rim. Just got back from the epic UGM meeting.

[Michael Marchant (Sutter Health)] 15:04:53

Left my hotel at 3.30 to be here with you, so... I mean...

[Rim Cothren | HCAI] 15:04:57

Alright, big gold star, thank you, Michael, I appreciate that. And Ray, I know that you were having internet problems, and I think you missed the opportunity to introduce yourself last time, so I'll pause here and let you do it today.

[Rim Cothren | HCAI] 15:05:15

Ray, are you out there? I see you on the participant list.

[Rim Cothren | HCAI] 15:05:24

Well, I do see Ray with us, so hopefully he just stepped away from the mic for a few minutes.



[Rim Cothren | HCAI] 15:05:29

But we'll go on. Uh, you want to go on to the next slide, please? Just a reminder, our objective for this series of meetings is to develop recommendations for an architecture for statewide event notification under DXF. There are a lot of things bundled up in that.

[Rim Cothren | HCAI] 15:05:43

I'd like people to remember, we're looking for something that is statewide.

[Rim Cothren | HCAI] 15:05:47

And this says event notification, it does not say admissions and discharges, although that's the current requirements under DXF. We would like people to think beyond just admissions and discharges to other events that are important.

[Rim Cothren | HCAI] 15:05:59

To the whole person health of individuals. Go on to the next slide, please. And we talked about two architectures last time.

[Rim Cothren | HCAI] 15:06:09

Centralized model and a fully distributed model. I'm not gonna read this slide at you either, but I want to pause here for a second, uh, and give people an opportunity, if there is something that you think that we discussed importantly about.

[Rim Cothren | HCAI] 15:06:23

A centralized model. Last time that doesn't appear here. Or that we misinterpreted, here's a chance to clarify that.

[Rim Cothren | HCAI] 15:06:47

I can't believe that you folks are going to be so quiet today. Thank you, David, for kicking us off.

[David McCann] 15:06:54



Uh, you know I'm always shy in retiring, Rem. Um, first of all, thank you for capturing key thinking from the last meeting, which improves our way of thinking of how to do this. I love what you're doing here.

[Rim Cothren | HCAI] 15:06:56

You are, David.

[David McCann] 15:07:06

Um, I'm not sure that everybody in the last meeting. Agreed that a centralized model is cost-effective.

[David McCann] 15:07:13

So, I'm not sure, maybe that's what your conclusion of a group consensus was?

[David McCann] 15:07:18

Um, so... That one, I would say, is open for debate.

[David McCann] 15:07:23

Um, and I'm not sure that a centralized service becomes a single point of failure.

[David McCann] 15:07:28

Um, it might... problem of challenges with scale. I'm sure that any well-designed system would be resilient.

[David McCann] 15:07:35

And so, provided we design it right. So, I wouldn't be anti-centralized because of failure.

[David McCann] 15:07:41

I think the larger challenge that, you know, I... passionately support here is.

[David McCann] 15:07:47



I think a centralized model will be slow. And we should innovate locally, and the DXF roadmap calls out, innovate locally.

[David McCann] 15:07:56

So, um, you know, I think we might evolve to a centralized system over time.

[Rim Cothren | HCAI] 15:08:03

Thank you, David. And I also appreciate you referencing back the DXF roadmap.

[Rim Cothren | HCAI] 15:08:08

Um, we're going to be revisiting, uh, through this discussion, at least some of the things that we have identified in the roadmap, and this is an opportunity to take.

[Rim Cothren | HCAI] 15:08:17

Um, so, um, adjustments to the roadmap as well. Michael, I see your hand up.

[Michael Marchant (Sutter Health)] 15:08:23

Yeah, I also... I apologize for not being as part of the last conversation, but it does... makes sense that there may be some individual services that could be centralized.

[Michael Marchant (Sutter Health)] 15:08:34

And not the entirety of the functions of DXF, so I don't have a clear definition of what we were going to be, or what.

[Michael Marchant (Sutter Health)] 15:08:42

Particular aspects of DXF might have been centralized. As you may or may not be aware, CMS is talking about a centralized provider directory.

[Michael Marchant (Sutter Health)] 15:08:50

I'm not quite sure what's going to be in it, but if we're going to centralize a provider directory for the entire country, we could probably handle California. So, really depends on what services will be centralized.



[Michael Marchant (Sutter Health)] 15:09:01

As to the effectiveness of it. As you may or may not be aware, there are multiple national networks that have central directories that handle cert assignment, that have.

[Michael Marchant (Sutter Health)] 15:09:10

Hundreds of thousands of entries and operate fairly successfully. So, part of that process here is what service could be centralized to help facilitate.

[Michael Marchant (Sutter Health)] 15:09:21

While maybe not centralization of all the data, maybe security, maybe participants, maybe some other things could be centralized and supported.

[Michael Marchant (Sutter Health)] 15:09:30

Um, as opposed to trying to, again, boil the ocean, which I would agree would not be the appropriate way to go about it, so...

[Rim Cothren | HCAI] 15:09:37

Thank you, Michael and Brian.

[Rim Cothren | HCAI] 15:09:46

You're muted, Brian.

[Rim Cothren | HCAI] 15:09:51

Brian, we can't hear you. You appear to still be muted.

[Brian Thomas] 15:09:56

Okay, sorry about that. Um... I don't disagree with anything that's been said. I would just like to get to a point where we're sort of looking at this as a multi-phased approach.

[Brian Thomas] 15:10:06



Uh, with a specific parameters around the endpoint. Um, and, you know, what is the sort of true north that we're trying to get to?

[Brian Thomas] 15:10:15

Because I think, uh, David makes it clear, um, at least to me, that, um, centralize is not necessarily.

[Brian Thomas] 15:10:23

Counter... he's not counter to it, but doesn't think that should be the beginning. So, the question is, what is the beginning, and what is the end, and what are the phases to get there? And I do agree that sort of the devil's in the detail of the design itself.

[Brian Thomas] 15:10:35

So, I think how it's designed is probably paramount today, not necessarily whether it's centralized or decentralized on day one.

[Rim Cothren | HCAI] 15:10:43

Good points, Brian. Thank you for that. Julie?

[Julie Silas] 15:10:47

Yeah, I just want to say, like, it's also how we define centralized, too, because... Um, if it's local, but there's one place to go, sometimes, like.

[Julie Silas] 15:10:58

We have a lot of things that our people are being entered into 15 different things, and if there's one place to be able to get stuff, which is different than, like, centralized across California.

[Julie Silas] 15:11:07

So I think we should, like, make sure we're... when we're talking about centralized.

[Julie Silas] 15:11:12

Depends on your point of view, and something might be centralized locally, and so it's still decentralized, but it feels centralized to the people on the front end who are doing the work.



[Rim Cothren | HCAI] 15:11:22

And we're going to talk about some alternatives to a fully centralized model that would start to get to that today, Julie.

[Rim Cothren | HCAI] 15:11:30

Robin?

[Robin Roberts] 15:11:33

I just wanted to articulate that, you know, the core thesis in some of this DXF work is not choosing a tech winner, and I feel like fully centralized.

[Robin Roberts] 15:11:43

Kind of runs afoul of that. Um, in the upcoming slides, I kind of inferred that there was a slightly decentralized model based on the visual, or maybe that was the.

[Robin Roberts] 15:11:53

Attention, like you were just alluding to, Rim, but we'll talk to that as we go to the next slides, I suppose.

[Rim Cothren | HCAI] 15:12:00

Yes, we will. So let's go on to the next slide.

[Rim Cothren | HCAI] 15:12:05

We also talked about a fully, uh, distributed model, um, and we heard a few things about, uh, the distributed model there.

[Rim Cothren | HCAI] 15:12:14

We've captured here, please take a look at that, and also, there were a few things that we heard about both of the models concerning use of rosters. As you know, rosters are the current method that we're using to.



[Rim Cothren | HCAI] 15:12:28

Request notifications. We'll pause here and see if anyone has any thoughts.

[Rim Cothren | HCAI] 15:12:46

So, Brian, I see your hand up, but it may be left over from your prior comment.

[Brian Thomas] 15:12:52

Yes. Thanks.

[Rim Cothren | HCAI] 15:12:54

No worries. David?

[David McCann] 15:12:57

So, um... roster was discussed, I'm really glad you raised that, and clearly from the hospital side of things.

[David McCann] 15:13:04

That seems to be a de facto noun that we cannot ignore.

[David McCann] 15:13:09

Um, coming at it from the housing and homelessness point of view, and the social care point of view.

[David McCann] 15:13:15

You know, speaking to United Way two-on-ones. Um, the term that we see emergent.

[David McCann] 15:13:22

From, let's say, a county department of housing or a county department of health.

[David McCann] 15:13:27



Is more around a cohort. So, in use cases, I've got in 5 counties right now.

[David McCann] 15:13:34

The Tennessee Department of Health picks a cohort out of their.

[David McCann] 15:13:38

Population health platform. And tells United Way, we're going to send you a cohort of.

[David McCann] 15:13:44

350 people, over whom we want to improve social care, and the exchange of data is around a small population.

[David McCann] 15:13:51

Over whom there's going to be programmatic focus. And they may not yet... we may not be connected to a hospital.

[David McCann] 15:13:58

So the notion that this is a patient roster is very hospital-centric, and I believe DXF is about the interoperability of.

[David McCann] 15:14:07

Cbos, intermediaries, and hospitals, so I encourage us to balance the notion of patient roster.

[David McCann] 15:14:13

With buying cohorts. And in the CBO world, it's a violent cohort, not a patient roster. And we need to bring them together, Rim, in some.

[David McCann] 15:14:23

Ontology or semantic model? That social care cohorts.

[David McCann] 15:14:28



Meet patient rosters.

[Rim Cothren | HCAI] 15:14:30

And... and I think that's a good point. Again, thanks, David, for keeping us honest that we're not just talking about patients here, we're not just talking about admissions and discharges, but we're talking.

[Rim Cothren | HCAI] 15:14:39

More broadly than that. Let's go on to the next slide, and Julie had asked some questions about defining rosters, but, um, there is a general.

[Rim Cothren | HCAI] 15:14:51

Um, language that we're using in these meetings, and although rosters doesn't appear here.

[Rim Cothren | HCAI] 15:14:57

I do want to touch on that real quickly. Uh, for the most part, uh, there are no changes here from what you saw last time, except that we added event service. We didn't have the concept of an event service last time, but it is.

[Rim Cothren | HCAI] 15:15:10

Really a technology responsible for receiving events. And whenever you're talking about a third party that is, uh.

[Rim Cothren | HCAI] 15:15:19

Processing requests, and sending notifications that third party needs to receive the events from someplace, so that's what we're talking about there.

[Rim Cothren | HCAI] 15:15:28

Julie, to your comment about rosters and to build a little bit on what David said.

[Rim Cothren | HCAI] 15:15:35

The current, uh, excuse me. The proposed, uh, amendment.



[Rim Cothren | HCAI] 15:15:41

To, uh, the technical requirements for Exchange PNP to DXF to find rosters as a list of individuals for whom.

[Rim Cothren | HCAI] 15:15:49

Requests for notifications are being requested. Um, that includes, uh, information about those individuals to, uh, allow for person matching against events.

[Rim Cothren | HCAI] 15:16:01

Um, it is not specific about whether that is a small group of individuals, uh, for instance, high-risk patients.

[Rim Cothren | HCAI] 15:16:10

Uh, that you want notifications about, or whether it's a full, uh, roster or co... excuse me, a full, uh, panel.

[Rim Cothren | HCAI] 15:16:18

Or a cohort of individuals. So, um, it could... it could... It is, uh...

[Rim Cothren | HCAI] 15:16:27

Broad in those terms. Are there any questions about the definitions that people see there? And Julie, does that answer your question enough?

[Rim Cothren | HCAI] 15:16:35

At least for us to discuss things today. I think what we want to focus on is that.

[Rim Cothren | HCAI] 15:16:40

There needs to be a mechanism to request notifications, and rosters are the current mechanism, but perhaps not the only mechanism, and we may discuss that in the future as well.

[Julie Silas] 15:16:50



Can you talk about when you say they're the current mechanism.

[Julie Silas] 15:16:54

Is this happening in healthcare? Is that what you're talking about? Healthcare uses rosters to do this?

[Rim Cothren | HCAI] 15:16:59

Dxf has defined a mechanism for... Uh, uh... requesting, uh, notifications of admissions and discharges from hospitals, EDs, and SNFs that, uh.

[Rim Cothren | HCAI] 15:17:12

Agree to participate in that, uh, process. And yes, rosters are the mechanism that is used there. That's all defined in the current technical requirements for exchange P&P.

[Rim Cothren | HCAI] 15:17:23

So, if you wanted to receive notifications of admissions and discharges from a hospital ED or participating SNP.

[Rim Cothren | HCAI] 15:17:31

A roster of the individuals for whom you're requesting notifications is the mechanism that DXF calls out for use.

[Julie Silas] 15:17:37

So just, like, being kind of going with what David was asking. So, like, the entire homeless system of care.

[Julie Silas] 15:17:45

Would have to be a roster if you want to find out anyone experiencing homelessness that you're actively serving.

[Julie Silas] 15:17:51

Has touched any of those, so they'd have to send over their entire homeless system of care.



[Julie Silas] 15:17:57

Data, and do data matching first in order to be able to do that.

[Rim Cothren | HCAI] 15:18:03

If... if you want notifications on all of those individuals and are authorized to receive that information, then yes, that is the mechanism that's called out right now.

[Rim Cothren | HCAI] 15:18:14

And that's one of the things we're going to discuss. You know, as part of this discussion is...

[Rim Cothren | HCAI] 15:18:19

What are the complexities of that mechanism, and what do we need to do from an architectural standpoint?

[Rim Cothren | HCAI] 15:18:27

Okay, I saw somebody come with... pop their hand up and put it down, and pop their hand up and put it down, and now you're lost to me who that was. Did you want to make a comment?

[Tamara Hennessy-Burt] 15:18:37

Yeah, that was me, Tamara Hennessy-Burt with the California Department of Public Health, and yeah, I've been... I've been thinking a lot about this concept of roster, so I think, given that it sounds like we're going to get into that a little bit more, I'll just sort of hold my comments back, but I'm just... you know, there was the comment just a moment ago about, you know.

[Tamara Hennessy-Burt] 15:18:55

Thing about homeless populations, and from a. State public health department, we're thinking about.

[Tamara Hennessy-Burt] 15:18:59

You know, we would want, um. Potentially hospital notifications for.



[Tamara Hennessy-Burt] 15:19:05

A lot of individuals that... well, pretty much anyone in the state, and so I'm trying to.

[Tamara Hennessy-Burt] 15:19:10

Wrap my brain around that.

[Rim Cothren | HCAI] 15:19:15

Yes, thank you. And, uh, for people who want to take a look at it, thank you, Jacob. Drop the current language in the P&P about rosters.

[Rim Cothren | HCAI] 15:19:23

Uh, and David, I did see your comment about it being unrealistic and burdensome, and that's one of the reasons we want to be discussing potential architectures here.

[Rim Cothren | HCAI] 15:19:31

But I will say that our stakeholders have told us loud and clear.

[Rim Cothren | HCAI] 15:19:36

That they want to receive information that they've requested. And not information that they haven't requested.

[Rim Cothren | HCAI] 15:19:42

So, I do want us to keep in mind that there needs to be a mechanism to request notifications, even if rosters is not it.

[Rim Cothren | HCAI] 15:19:51

And that we're not talking, at least unless the. Overwhelming recommendation here is we start sending events to everyone.

[Rim Cothren | HCAI] 15:19:59

That... that this be managed on a request basis. So just keep that in mind. Let's go on to the next slide. I want to get us into at least using an example, a potential architecture here.



[Rim Cothren | HCAI] 15:20:10

Um, that'll help us, um, perhaps. Frame some of these questions. And what you see here is the model that we started with, with the QHIOs.

[Rim Cothren | HCAI] 15:20:20

Um, where there are nodes, multiple nodes, potentially in the middle.

[Rim Cothren | HCAI] 15:20:24

Those nodes, uh, have event services, and they receive events from hospitals, EDs, and SNFs, or other sources in future.

[Rim Cothren | HCAI] 15:20:35

Incarnations. Um, they exchange rosters. Um, with each other. They receive rosters from recipients that want to res... that... that want to receive notifications. They exchange those rosters with each other.

[Rim Cothren | HCAI] 15:20:48

And anytime they find an event that is submitted to them.

[Rim Cothren | HCAI] 15:20:52

That is present on a roster. They send the event to the other node that, um.

[Rim Cothren | HCAI] 15:20:59

Requested that, um. That event through a roster.

[Rim Cothren | HCAI] 15:21:02

And then that node processes the event into a notification and sends it back to the recipient. So again, the process is.

[Rim Cothren | HCAI] 15:21:09



I submit a roster to a node of my choice. That node, uh, shares my roster with all of the other nodes.

[Rim Cothren | HCAI] 15:21:18

If one of the nodes receives an event. It checks to see if that event matches a name on my roster.

[Rim Cothren | HCAI] 15:21:26

If so, they share the event with my intermediary. Who processes it into a notification and sends it back to me.

[Rim Cothren | HCAI] 15:21:35

Uh, there was a question out from the public about why we're not talking about QHIOs here. I'd like people to be thinking about.

[Rim Cothren | HCAI] 15:21:42

Uh, in terms of nodes that may be QHAOs or other intermediaries, or state services, or whatever, but QHIOs are an example.

[Rim Cothren | HCAI] 15:21:51

Of the nodes that may be here in the middle. So I'm really interested.

[Rim Cothren | HCAI] 15:21:56

Um, about people's thoughts. On this approach, where we're really sharing rosters.

[Rim Cothren | HCAI] 15:22:03

And then sharing events that... or notifications that match those rosters.

[Julie Silas] 15:22:11

I just have a question. Why are we having to share rosters? Why aren't we doing data matching across rosters and then only sharing the cohort that matches?



[Julie Silas] 15:22:21

Right? So, why should I send all my... HMS clients and the hospitals send all.

[Julie Silas] 15:22:29

Of their people who entered, right? Like, why can't we match.

[Julie Silas] 15:22:34

Who the hospital just is about, you know, a week before they're releasing, match it to the HMIS with a widget or some kind of technology, and then only those that match.

[Julie Silas] 15:22:45

Become the cohort where the notification... it just seems wild to be sending huge rosters all the time. I'm... that data matching is a first step.

[Julie Silas] 15:22:56

And to then finding the commonalities, and then... sending notifications, rather than assuming the commonalities, you know, like sharing an entire list.

[Rim Cothren | HCAI] 15:23:05

Well, so we don't have to do this. I mean, that's why we're having this doc... this conversation, is that this is a model.

[Rim Cothren | HCAI] 15:23:12

That is in place today. Um, and as you point out, it requires for.

[Rim Cothren | HCAI] 15:23:18

Matching to happen at both of the nodes that are involved here. The one that receives the event.

[Rim Cothren | HCAI] 15:23:23

And the one that, uh, is processing the roster. So, Hans, I see your hand up.

[Hans Buitendijk] 15:23:31

Yes, Ram. Actually, I had a question or a comment that was going to come from the privacy concerns, and one of the questions, and the theme that's in the couple slides.

[Hans Buitendijk] 15:23:40

But that starts to tie in with some of the comments that Julie made as well.

[Hans Buitendijk] 15:23:45

And the, uh, the question is, is that all these two, this one and the other three, can, in principle, work.

[Hans Buitendijk] 15:23:51

But if you're looking at it from the privacy perspective. Um, and the increased sensitivity to what can be shared with whom.

[Hans Buitendijk] 15:24:01

When events occur. Uh, there might be a roster out there that says, I would like to be notified when this event occurs.

[Hans Buitendijk] 15:24:10

There's still the data holder that needs to assert whether, based on the particular data, that it is asked about, or the event, the kind of event that's talked about.

[Hans Buitendijk] 15:24:20

Uh, whether that can be shared. So, the challenge that I have with this model and with the other two as well, and that there seems to be something missing.

[Hans Buitendijk] 15:24:28

Is that how do we ensure that if the events and the rosters are.

[Hans Buitendijk] 15:24:35



Shared, and now the event comes out, and it goes to the, uh, to the services, to the nodes.

[Hans Buitendijk] 15:24:41

That there is enough information available. That the services can determine who out of the requesting parties actually can receive it.

[Hans Buitendijk] 15:24:51

Um, and that means that it needs to have more information about the sensitivity of the data, which then effectively ends up in the nodes where we may not want to have that data.

[Hans Buitendijk] 15:25:00

So, any model. Where there is not an interaction between the data holder directly knowing who would be considered to send it to, and that they can.

[Hans Buitendijk] 15:25:11

Whether it can be certain to send to them based on their known consent and privacy rules.

[Hans Buitendijk] 15:25:16

Uh, is that a model that actually is going to work. In principle, for general events, it will work.

[Hans Buitendijk] 15:25:21

What we have here, and the three models that are out there. But if there's not at least an interaction somewhere between the node that the source interacts with, so that they, the source, can determine.

[Hans Buitendijk] 15:25:32

Can I send it or not? Can that be shared, that event or not?

[Hans Buitendijk] 15:25:35

I think we're going to have a privacy challenge with any of these models.



[Rim Cothren | HCAI] 15:25:40

Thanks, Hans. I want to come back to that, um, if we have time later on today, and if we don't, uh, at one of the future meetings to get more into what is required there. The intent here is that.

[Rim Cothren | HCAI] 15:25:52

Events and notifications had. The minimal data necessary to alert somebody that something happened so they could ask for more information.

[Rim Cothren | HCAI] 15:26:00

But Hans, I do want to, you know, if we go down a model, I do want to come back to.

[Rim Cothren | HCAI] 15:26:05

At some point, what... limits, what types of interactions might be necessary to protect privacy. So let's... let's hold on to that.

[Rim Cothren | HCAI] 15:26:14

Michael, I see your hand up.

[Michael Marchant (Sutter Health)] 15:26:16

I mean, I'm gonna change the language a little bit to try to... to... to kind of get a concept is that.

[Michael Marchant (Sutter Health)] 15:26:22

The person that has an activity within a DXF organization. Creates an event that other organizations want to... if you go use Pubs... PubSub.

[Michael Marchant (Sutter Health)] 15:26:34

The organizations that create the event are the publishers, and the people that would like to know about that.

[Michael Marchant (Sutter Health)] 15:26:41



Information are the subscribers. The problem is, is that there's... the patient is not a node on the network, so I can't subscribe or remember, or... whatever the right terminology from the frame that you're coming from is, if there was a way to create events specific to a person.

[Michael Marchant (Sutter Health)] 15:26:57

And then we could subscribe to them if it was appropriate, and that data, then that would be the model to go with. But at this point, organizations are becoming responsible for the care of those people.

[Michael Marchant (Sutter Health)] 15:27:07

And so they are subscribing to notifications from multiple organizations, and without knowing who's subscribed to what, I think that the concept of.

[Michael Marchant (Sutter Health)] 15:27:16

Creating, whether it's with the QHIOs, or centrally, or what have you, some sort of ability to know.

[Michael Marchant (Sutter Health)] 15:27:22

What events and what data. Organizations are allowed to access through this notification process, um, we're gonna be short on exactly getting the right information to the right people, unless we can center it around the patient, which would be great, but there's no central patient.

[Michael Marchant (Sutter Health)] 15:27:40

Repository that we could then attach our subscriptions to to make sure that anybody publishing an event for that particular person.

[Michael Marchant (Sutter Health)] 15:27:47

We can get access to the right information. There also is vetting, like, what information should what organizations have?

[Michael Marchant (Sutter Health)] 15:27:53

Current networks and frameworks publish a ton of clinical data from the hospital or healthcare side.



[Michael Marchant (Sutter Health)] 15:27:59

That probably isn't appropriate to be shared, so then it becomes, do you just need to know that an event occurred and at a macro level, or do you really need discrete data, and kind of defining those things?

[Michael Marchant (Sutter Health)] 15:28:09

You know, there is a lot of different challenges here, and it's... if we're trying to eat the elephant, it's gonna be... It's going to be difficult to make progress, so...

[Rim Cothren | HCAI] 15:28:18

And... and I... that's a good point, and I think we also heard, don't eat the elephant, we continue to hear that on a lot of these discussions, so I think we do need to bear that in mind.

[Rim Cothren | HCAI] 15:28:28

Michael, I'd be really interested in your thoughts. I do want to... catch the other hands that are raised about whether.

[Rim Cothren | HCAI] 15:28:36

The centralized model provides a mechanism for the patient-centric, uh. Uh, subscription that you were talking about before, since that central node would know all of the requests and receive all of the events, so just a thought there that.

[Rim Cothren | HCAI] 15:28:50

I'd like you to noodle on a bit. Tim, I see your hand up.

[Tim Polsinelli] 15:28:54

Yeah, um... along the lines of what Hans and Michael have already said, um...

[Tim Polsinelli] 15:29:01

Um, the QHIOs are already live in this type of model today, and so it's fair to say I see some questions about the QHIOs. We are live in this model today.

[Rim Cothren | HCAI] 15:29:06



Yes.

[Tim Polsinelli] 15:29:11

Um, you know, a big concern at MX, where I am, is around privacy today. We have a very large roster, we're sharing that with other QHIOs, we're duplicating.

[Tim Polsinelli] 15:29:25

Millions and millions of patient info... you know, identifiable information across.

[Tim Polsinelli] 15:29:30

All the different QHIOs. We trust those organizations, but at the same time, it's a risk point to push all that data out.

[Tim Polsinelli] 15:29:37

Um, you know, I like where Michael is starting to talk about, is there a way to use a centralized service where that information can persist?

[Tim Polsinelli] 15:29:44

Or, as we'll see in a later model, is there a way that we can, instead of pushing data, query for data and understand where there are relationships that we need to follow? So... Um, I think Ray had a comment, you know, this is a pretty...

[Tim Polsinelli] 15:29:58

The QHIOs doing what they do today within their own networks, roster sharing is a pretty common, popular thing to do.

[Tim Polsinelli] 15:30:06

When we start trying to do that statewide across these different networks with much larger populations, there's... That privacy concern really, really shows up. So, um, yeah, just share actual experience.

[Rim Cothren | HCAI] 15:30:18

Thanks for that, Tim. Robin, I see your hand up.



[Robin Roberts] 15:30:21

I just want to echo the privacy concerns that Han shared, uh, not just outside of HIPAA, but FTC, consumer protections at large, and also just echo Julie's comments around the complexity of roster management. I understand that between mitigation of privacy.

[Robin Roberts] 15:30:38

And, you know, to have more controlled, scalable management on the roster as a more centralized architecture for all of us, for the sake of these committee meetings.

[Robin Roberts] 15:30:48

That, you know, the API roster validation could be a path forward. I think that introduces another layer of complexity that not everyone could potentially handle. And I know that some people favor that sort of.

[Robin Roberts] 15:31:01

Thing today, and so just want to echo the, um, the remarks of Hans and Julia's colleagues in the

[Rim Cothren | HCAI] 15:31:08

Thanks, Robin. Um, I am going to admit to a shortcoming of myself here. I cannot read what everybody has been putting in the chat and listen to people talking at the same time.

[Rim Cothren | HCAI] 15:31:18

If anybody dropped anything in the chat that they want to elevate, I'd really encourage you to.

[Rim Cothren | HCAI] 15:31:25

Say so verbally, just for the benefit of other people with my same shortcoming.

[Rim Cothren | HCAI] 15:31:35

Hearing silence, I'm going to let people go ahead and catch up on the chat if you want. Hans, I did see you come off mute. Did you want to say something?



[Hans Buitendijk] 15:31:42

Yeah, I just wanted to echo a comment that Micah made around subscriptions terminology, and I think that's very helpful, because in the end, that's where we effectively are landing.

[Hans Buitendijk] 15:31:52

And that can be tied to that the source, the publisher.

[Hans Buitendijk] 15:31:57

Needs to have a strong awareness of that, so that they can respond and notify accordingly and constrict that when we get to the later conversation.

[Hans Buitendijk] 15:32:06

So I think that's a good way to help tie together where should that live, and how much should the publisher, the source, actually be part of managing that.

[Rim Cothren | HCAI] 15:32:16

And is the publisher in that case, are we talking about all of the sources?

[Rim Cothren | HCAI] 15:32:20

Or is there a path where we're not talking about all sources?

[Rim Cothren | HCAI] 15:32:24

Because that is a lot of places to subscribe to.

[Hans Buitendijk] 15:32:29

Effectively, and so, um, that's where I believe that the fourth model.

[Hans Buitendijk] 15:32:34

May be helpful, uh, where... but I don't want to jump too far. I was going to make the comment on the third slide.



[Hans Buitendijk] 15:32:40

Uh, but where there is some level of interaction between sources and the intermediate nodes, so that some level of management.

[Hans Buitendijk] 15:32:48

Can be done in a more centralized way, but that the evaluation of the notifications.

[Hans Buitendijk] 15:32:54

Got some more decentralized, trying to find a balance. Goes back to some of our... I think it was last year, discussions on dynamic rostering as opposed to subscribed rostering, but... That ties into that as well.

[Rim Cothren | HCAI] 15:33:07

Thanks, Hans. Let's, uh, go ahead and pull up the next slide.

[Rim Cothren | HCAI] 15:33:12

Vishan, I see your hand up while we're... while we're making that shift.

[Vishaun Lekraj] 15:33:16

Yeah, maybe I just want to point out, as we look at.

[Vishaun Lekraj] 15:33:19

Possibly thinking of this as more of a subscription model, I wonder, and I'm just positing on the... I don't have an answer for this, but... As we start to mix different types of organizations together, and as you said, Rim, we've been largely seeing in the language ADT events.

[Vishaun Lekraj] 15:33:36

Um, what happens if we start sharing all information across all organizations?

[Vishaun Lekraj] 15:33:42

Should we consider as part of the solution, some type of filtering mechanism so the receiver doesn't get an influx of data that.



[Vishaun Lekraj] 15:33:49

May not necessarily be what they want to receive. Um, again, I don't know the right or wrong here, but I just want to point out, if you're thinking along the lines of subscription.

[Vishaun Lekraj] 15:33:57

At the same time, maybe a receiver might have an opportunity to filter if they so decide.

[Rim Cothren | HCAI] 15:34:03

And I think that's a good thing to bear in mind, is that, you know, events can produce a great deal of noise. We've heard people say they get too much information about events already.

[Rim Cothren | HCAI] 15:34:15

And that we do need to be at least cognizant of a need to filter at some point. Now, is that filtering.

[Rim Cothren | HCAI] 15:34:24

Um, uh, based on the request you make, so that the source filters, or is that filtering on the recipient?

[Rim Cothren | HCAI] 15:34:34

Um, that they implement in their system, or is that filtering that happens at a node, I think is a question for us to bear in mind as we work a little bit more into the details here, so... I'm glad that you surfaced that.

[Rim Cothren | HCAI] 15:34:46

The second architecture that we put on the list, at least for consideration, is what is implemented in Massachusetts and Mass Highway.

[Rim Cothren | HCAI] 15:34:55

And in that case, they have a small number of nodes, it's 2.



[Rim Cothren | HCAI] 15:34:59

Uh, that receive all of events. Uh, and any source of events chooses one of those two nodes to send their events to.

[Rim Cothren | HCAI] 15:35:08

And those two nodes share all of the events that they receive with all other nodes. In this case, in the case of Massachusetts, it's one other node.

[Rim Cothren | HCAI] 15:35:18

And then if you are a recipient that wants to get notifications, you choose one of those two nodes.

[Rim Cothren | HCAI] 15:35:25

And send your rosters there, knowing that that node, Ultimate receives.

[Rim Cothren | HCAI] 15:35:30

All events from all sources, and can process your roster. In this case, person matching only happens at the node against a roster, using all events that were submitted.

[Rim Cothren | HCAI] 15:35:43

And all events end up in all of the nodes. So rather than sharing.

[Rim Cothren | HCAI] 15:35:49

Rosters, as in the last model, the mass highway model shares events.

[Rim Cothren | HCAI] 15:35:55

Um, let me pause there. I'm interested in people's thoughts about that model.

[Rim Cothren | HCAI] 15:36:02

Julie?



[Julie Silas] 15:36:04

Yeah, just... I think I have some questions about that node. Who is responsible for that node? Does the node do it all with technology and no one sees... the data stays encrypted?

[Julie Silas] 15:36:15

And then you're only sending back encrypted data, and it's decrypted for the ones that they have in common.

[Julie Silas] 15:36:22

Um, just, like, wondering what... what that looks like.

[Rim Cothren | HCAI] 15:36:33

So, so we're going to certainly have to think about costs and sustainability of any of the models. I'm thinking that we'll probably get into that in a future meeting, hopefully our next meeting. That's kind of what I'm hoping for.

[Rim Cothren | HCAI] 15:36:44

Um, and the Mass Highway Model, uh, events, there's no cost for sending events, but there is a cost for receiving notifications. That's how they pay for the system.

[Rim Cothren | HCAI] 15:36:55

Uh, the nodes obviously need to be able to look at an event and match it to a roster.

[Rim Cothren | HCAI] 15:37:00

So, while the transport is encrypted, the events aren't encrypted at the nodes because they need to be.

[Rim Cothren | HCAI] 15:37:06

They need to be matched to a roster. So, at least in depth.

[Rim Cothren | HCAI] 15:37:14



Model, uh, the events are known to both nodes. And those nodes are acting as BAs to all of the hospitals, or all of the sources in the system.

[Rim Cothren | HCAI] 15:37:30

So I'm really interested. People had things to say about the last model. Is the silence here that everybody thinks, oh, this is great.

[Rim Cothren | HCAI] 15:37:37

This is crazy, or I hate this model, and let's just not bother to talk about it. It is just... you guys just never pause and are quiet.

[Rim Cothren | HCAI] 15:37:46

David, of course, you have something to say. I did not mean that as a poke, David. That really sounded like it was poking at you. It was not.

[David McCann] 15:37:50

So I'm pausing to...

[David McCann] 15:37:56

I'm pausing because I'm thinking. Um.

[David McCann] 15:38:00

Let's see... I absolutely abhor the notion of central out.

[David McCann] 15:38:05

I've advocated county-level innovation. Take your notion of.

[David McCann] 15:38:12

Not everybody's hearing rosters is where I like what you've said.

[David McCann] 15:38:18



I should also buy into the notion? There are certain exempt.

[David McCann] 15:38:23

You know, that we care about? So if you can filter.

[David McCann] 15:38:28

Event as the trigger. Of hearings. I like that.

[David McCann] 15:38:34

I like the notion, candidly, I understand that this is not statewide, this is countywide.

[David McCann] 15:38:39

The state is 58 counties. Massachusetts. Barely bigger than LA. So Massachusetts is not California.

[David McCann] 15:38:46

Massachusetts does one Medicaid provider for the state. We have 9 in California.

[David McCann] 15:38:51

So, I like this notion, if I were to adopt it for a county.

[David McCann] 15:38:56

And then if you said, you know. Go test this in Orange County or Riverside, or San Bernardino, or Santa Clara.

[David McCann] 15:39:04

I'd love to see... I can... I could lean closer to the notion of multiple nodes.

[David McCann] 15:39:10

With county-level experimentation. And then the state benefits eventually from stitching together.



[David McCann] 15:39:16

The innovation done at the county.

[Rim Cothren | HCAI] 15:39:20

Thank you, David, and I will acknowledge that in our last meeting, we talked about.

[Rim Cothren | HCAI] 15:39:26

Potentially having multiple nodes that were either regionally based or also use case-based, or data type based, so let's not.

[Rim Cothren | HCAI] 15:39:34

Lose track of that. Tim, I see your hand up.

[Tim Polsinelli] 15:39:37

Yeah, when I read this slide earlier in the week, um.

[Tim Polsinelli] 15:39:41

I was... I think I... I was against it, uh, in... just in terms of scalability. Um... And the thought that came to mind.

[Tim Polsinelli] 15:39:51

Was, you know, having multiple nodes, having an event sent to multiple nodes.

[Tim Polsinelli] 15:39:59

And losing track of, ultimately, where does that... where do those events end up?

[Tim Polsinelli] 15:40:04

Who actually ultimately received an event? Um, when I hear the mass highway example, and you say, hey, there's two, there's only two nodes, like, that seems... and those nodes have...



[Tim Polsinelli] 15:40:16

You know, relationships and BAAs and things like that with all of the sources.

[Tim Polsinelli] 15:40:20

That seems much more manageable on a much smaller scale, but spreading that across the state of California.

[Tim Polsinelli] 15:40:27

Seems like an administrative challenge, and some... from a privacy or an audit perspective of knowing, you know.

[Tim Polsinelli] 15:40:34

Data leaving the walls. Of any source.

[Tim Polsinelli] 15:40:38

Who received it, where did it go, seems like a... a burden, right? It's just additional reporting-type burden in that regard.

[Rim Cothren | HCAI] 15:40:46

I think that those are good considerations, Tim, so thanks for bringing that up. Just a bit of a thought on scale here is that if we are talking about admissions, now not all ADT messages, but if we're talking about admissions.

[Rim Cothren | HCAI] 15:40:58

This is hundreds of millions of events in California. A year. So, it is a lot.

[Rim Cothren | HCAI] 15:41:07

But it is merely a lot, so... Bishan.

[Vishaun Lekraj] 15:41:13

Um, I think one of the strengths, and I'll point this out singularly, um, not addressing the rest of it, but as we talk about the cohorts that we're concerned with.



[Vishaun Lekraj] 15:41:22

And the different types of cohorts we may be looking or trying to match on.

[Vishaun Lekraj] 15:41:27

Um, I suppose that the cohorts could have different degrees of data quality.

[Vishaun Lekraj] 15:41:32

And what this might offer is if the roster is being managed more on a local level.

[Vishaun Lekraj] 15:41:38

Um, if there's reconciliation for any of the data, or addressing any data quality concerns, is that... or the benefit to...

[Vishaun Lekraj] 15:41:46

The people on the network to resolve that quickly, more at a local level. I'm just curious if that's been considered, or something that we should consider here that.

[Vishaun Lekraj] 15:41:55

Uh, that might be a strength coming out of this particular.

[Rim Cothren | HCAI] 15:41:59

I think it is worthwhile to be thinking about data quality here, so thanks for bringing that up. What we do know.

[Rim Cothren | HCAI] 15:42:05

There have been studies that even ADT events are... suffer from issues in data quality, so, um...

[Rim Cothren | HCAI] 15:42:13

I do think that's something to be thinking about. Thanks, Vishon.



[Rim Cothren | HCAI] 15:42:18

Robin, I see your hand up.

[Robin Roberts] 15:42:20

Uh, Vishon, I like your point about that being a strength. I just want to say within this, I really like the nod to point number 4 here about the match protocol, or what would essentially be, like, a discard protocol when there's a match failure. Um, I think that's really important, uh, that is one thing, is somebody brought up the example of mass.

[Robin Roberts] 15:42:38

We know that there's... having those practices around this as we're talking about the design will be everything.

[Robin Roberts] 15:42:43

Um, I think that's critical in proceeding here. Um, but I like the more localized roster management here.

[Rim Cothren | HCAI] 15:42:52

Great, thanks, Robin. Let's go on to the next model. I know that, and Julie, I saw that your hand popped up. I do want to give you a chance to talk, but.

[Rim Cothren | HCAI] 15:43:00

We're also 7 minutes away from public comment here. Um, there is an alternative model where.

[Rim Cothren | HCAI] 15:43:08

Um, I submit my roster to a node of my choosing.

[Rim Cothren | HCAI] 15:43:13

Uh, events come into a node of a source's choosing. And at the receipt of an event.

[Rim Cothren | HCAI] 15:43:18

Um, that there is an exchange with other nodes about, is.

[Rim Cothren | HCAI] 15:43:25

You know, is this somebody that's on your roster, and if so, I passed the event on to you.

[Rim Cothren | HCAI] 15:43:30

Um, and so, again, the roster management only happens at the node where the roster is received and events only move.

[Rim Cothren | HCAI] 15:43:38

If, uh, they're... they exist on a nodes roster. Um, so...

[Rim Cothren | HCAI] 15:43:46

Think about that as an alternative, and... what type of information might be exchanged between nodes to help resolve this?

[Rim Cothren | HCAI] 15:43:56

Hans, I see your hand up.

[Hans Buitendijk] 15:43:58

Yes, thanks, Rim, and I think this model is starting to introduce that interaction, that query API, and puts it between two nodes.

[Hans Buitendijk] 15:44:08

Where you then have the opportunity to understand the patients that you're looking for, some characteristics.

[Hans Buitendijk] 15:44:13

Um, so this is the kind of question where I'm wondering, and based on privacy consideration, is that the right place.



[Hans Buitendijk] 15:44:23

Should it be more between either of one of the nodes and the source?

[Hans Buitendijk] 15:44:27

Uh, so that then the discussion about what kind of data can be considered.

[Hans Buitendijk] 15:44:30

To determine whether that event can be shared with a certain.

[Hans Buitendijk] 15:44:35

Parties on the... on the roster or not. Uh, which can change from one event to another, depending on sensitivity and otherwise.

[Hans Buitendijk] 15:44:42

That that can be evaluated. So having some form of interaction along those lines, whether that involves patient matching.

[Hans Buitendijk] 15:44:49

And patient characteristics. That involves the source. Might help it. And then the question is, is that is centralized management of rosters.

[Hans Buitendijk] 15:44:57

And a decentralized evaluation of, can I actually share it with them?

[Hans Buitendijk] 15:45:02

What's a good balance between those two, and other ways of determining who to share it with.

[Rim Cothren | HCAI] 15:45:07

I want to make sure that I understand what you're saying, Hans. So you're saying that.

[Rim Cothren | HCAI] 15:45:11



This API might better be placed not between nodes, but between a node that is receiving a roster and the sources.

[Hans Buitendijk] 15:45:18

Correct.

[Rim Cothren | HCAI] 15:45:19

Okay. Thanks. Julie, I see your hand up.

[Julie Silas] 15:45:23

Yeah, this is something similar to what we're going to be trying out in, um, our community practice with Homeless Systems of Care and Managed Care Plans, where.

[Julie Silas] 15:45:31

Um, two different entities want to share data, they send in... each of them encrypt their own data, they send it to a... technology solution, I'm going to call it a widget, a node, whatever you want it to be.

[Julie Silas] 15:45:44

They do data matching. And then the two partners say, okay, now that we know who's matched, we want to know.

[Julie Silas] 15:45:51

Of the people that you've matched that are encrypted. Tell us which ones were entered into, who are about to be released from a hospital, so they're not homeless.

[Julie Silas] 15:46:01

And then that stays encrypted, goes back, and then each party decrypts their own information. So there's no... PII shared the... solution is all within technology.

[Julie Silas] 15:46:13



But it relies on data matching and an agreement between the two parties to say, once the data matches, what data elements are we comfortable sharing? So that's what we're going to be doing.

[Julie Silas] 15:46:23

In this community of practice, and when I put in a note in the, um... chat that housing status as an event notification, that someone's been housed is going to be one of the things that we're going to be exploring.

[Rim Cothren | HCAI] 15:46:35

Yeah, and I think it's good to bring up that, um, that use case and a different type of event.

[Rim Cothren | HCAI] 15:46:40

Um, or a notification for a different purpose that I think is really important for us to talk about. I overstepped before in saying that.

[Rim Cothren | HCAI] 15:46:48

Person mentioning has to happen on unencrypted data. Of course, there is tokenized.

[Rim Cothren | HCAI] 15:46:53

Matching that you can do, and I know that that's what you're going to be exploring in the community of practice.

[Rim Cothren | HCAI] 15:46:58

Um, we do need to be thinking about, from an architectural standpoint, is that a mini-to-many model?

[Rim Cothren | HCAI] 15:47:04

Um, and... or does it lend itself to centralization of rosters or not? So there is some... some thoughts there to still, uh... unpack. Robin, I see your hand up.

[Robin Roberts] 15:47:16



I'll just say that I think when we talk about this API approach, it's really prioritizing the needs of the organization that's sending the notification, rather than the organizations requesting the notification, which doesn't really seem aligned with the framework.

[Robin Roberts] 15:47:31

Roadmap that has the tenant to minimize the barrier. For the notifications over those that would provide them when necessary, and I just want to recognize that. I see the benefit that Julie calls out there on the match.

[Robin Roberts] 15:47:46

Um, and so, you know, requiring something statewide that's being tried out, uh, out of the gate also maybe doesn't just genuinely feel like a smart starting or jumping

[Rim Cothren | HCAI] 15:47:59

So, help me understand how this is a larger burden for the recipient of notification. I just want to make... I'm not saying to disagree, I want to make sure that we capture that appropriately.

[Robin Roberts] 15:48:10

I think we're just making it convenient for the person that's sending, and not as much for the recipient, whereas the other two models seem to balance that a little bit better, even if I, you know, wasn't a huge fan of the roster, for example, and so... Um, just... just feel like that that's the case here in this one.

[Rim Cothren | HCAI] 15:48:31

Okay, thank you, Dick?

[Robin Roberts] 15:48:32

So, the current model requester only needs to do a roster, not build out this entire service.

[Robin Roberts] 15:48:39

For example, Rem.

[Rim Cothren | HCAI] 15:48:40



Okay, got it, thank you. David.

[David McCann] 15:48:48

Some useful iteration here against real-world use cases. I think this is very helpful.

[David McCann] 15:48:52

Um, going back to the thoughts on this one, first of all.

[David McCann] 15:48:58

Hud is meeting still. Right? Um, when we talk about.

[David McCann] 15:49:03

Coordinated care and DXS. It says, bring together CBOs and hospitals, and homelessness is a priority right now for most county supervisors.

[David McCann] 15:49:11

So, I was on your consent task force. If we could add consent to this notion, and you laid it in on your use case.

[David McCann] 15:49:20

I think there's a real-world test of this model. Again, I'm liking your notion of multiple nodes, and somebody.

[David McCann] 15:49:28

Filtering too big a list. A filter here has also got to be... has the person given consent?

[David McCann] 15:49:35

So the organization is sending data, not a person. And a hospital could be sending data, or a county department of housing or health could be sending data. The cohort.

[David McCann] 15:49:46



Has got to be filtered by consent. Am I sort of a thousand people on a list?

[David McCann] 15:49:51

And I only have consent from 80%. Right now, with 2-1, we're getting about an 80% consent to share in our call interaction.

[David McCann] 15:49:58

So, if you added consent to your filtration model. You then get into the notion of consent.

[David McCann] 15:50:07

Permissioned small lists. An event triggering the sharing of a list.

[David McCann] 15:50:14

And then you get what the consent is for. And so the participation and the sharing is not anybody, it's only people who are entitled.

[David McCann] 15:50:22

To the permissioned consent. So you have to intercept this notion, I believe, of event-based.

[David McCann] 15:50:30

Notification, which I think is too complex. With consent as a critical overlay. And again, I go back to the notion, we're talking to cities and counties about this.

[David McCann] 15:50:39

You're gonna have to do this city and county one at a time, and in Orange County, there's only so many hospitals.

[Rim Cothren | HCAI] 15:50:45

Yeah. Thank you for that, David. Well, we are at time for public comment.

[Rim Cothren | HCAI] 15:50:52



Uh, Catalina, if you want to kick us off in public comment, and... Um, I would also encourage people to take a quick look at the chat that we've had here, and if there is time before the top of the hour, we might elevate some of the things that were in chat.

[Rim Cothren | HCAI] 15:51:08

Catalina?

[Catalina Cole | Manatt Events] 15:51:10

Alright, so members of the public must raise their hand, and Zoom facilitators will unmute each member of the public for them to share comments.

[Catalina Cole | Manatt Events] 15:51:18

If you logged in via Zoom, press Raise Hand at the bottom of your screen.

[Catalina Cole | Manatt Events] 15:51:23

If selected, share your comment, you will receive a request to unmute.

[Catalina Cole | Manatt Events] 15:51:27

Please ensure that you accept before speaking. If you dialed in by phone, please press star 9 on your phone to raise your hand.

[Catalina Cole | Manatt Events] 15:51:34

And then listen for your phone number to be called. If selected to share your comment, please ensure that you are unmuted on your phone by pressing star 6.

[Catalina Cole | Manatt Events] 15:51:43

People will be called in the order in which their hands were raised, and will be given 2 minutes.

[Catalina Cole | Manatt Events] 15:51:47

Please state your name and organizational affiliation when you begin. First up, we have Lucy Johns. Lucy, you should be able to unmute.



[Lucy Johns] 15:52:01

Thank you. Uh, David McCann's comment. Opened the door for me to stress.

[Lucy Johns] 15:52:08

What I wrote in the Q&A. Namely, where is consent in this discussion?

[Lucy Johns] 15:52:15

It seems to me that. It would be really helpful.

[Lucy Johns] 15:52:19

If DXS, DXF. Would state as a principle.

[Lucy Johns] 15:52:26

That patient consent. Must be... present for anything we're talking about.

[Lucy Johns] 15:52:34

And that consent needs to be informed and of appropriate scope.

[Lucy Johns] 15:52:41

I'm willing to share that I was admitted to a hospital, but I'm not willing to share why.

[Lucy Johns] 15:52:49

Um, that gets really complicated. But it's not at all clear to me that when discussing rosters as a technical solution.

[Lucy Johns] 15:53:00

For interoperability, that patient consent is in there. And it needs to be... it needs to be a principle.

[Lucy Johns] 15:53:07



And every technical solution needs to be mapped to that principle.

[Lucy Johns] 15:53:12

Thank you.

[Rim Cothren | HCAI] 15:53:13

Thank you, Lucy. Catalina, do we have any other public comment?

[Catalina Cole | Manatt Events] 15:53:19

We do. Jennifer, you should now be able to unmute. Yes.

[Jennifer] 15:53:24

Hi, can you hear me? Perfect, thank you. So, my name is Jennifer Hardwick, I work for UnitedHealthcare.

[Rim Cothren | HCAI] 15:53:25

Yes, we can.

[Jennifer] 15:53:31

I've sat in on many, many of these calls, and I'm really pleased today to have the conversation.

[Jennifer] 15:53:38

Around consent and privacy and HIPAA. Um, even the QHIO model is not...

[Jennifer] 15:53:46

Um, great from a payer perspective, as it does not... Um, follow strictly the HIPAA requirements, and so that's been of great concern to a lot of the payers.

[Jennifer] 15:54:00

In California, um, on the DXF models, and so really pleased today to hear the concern for consent.



[Jennifer] 15:54:09

And HIPAA and privacy. Um, in the QIO model, just as an example, you know.

[Jennifer] 15:54:14

It would be considered our data that's being shared through the QHIO, but we can't guarantee the safety of it, um, because we are not.

[Jennifer] 15:54:23

In charge of the Qio's security of that data. So, just as background for you.

[Rim Cothren | HCAI] 15:54:30

Thank you, Jennifer. Catalina, do we have any other public comment?

[Catalina Cole | Manatt Events] 15:54:36

We have no hands raised at this time.

[Rim Cothren | HCAI] 15:54:41

We'll give people a few more minutes to raise their hands if they have anything else they'd like to say. Uh, for the members of the panel here.

[Rim Cothren | HCAI] 15:54:50

Did you identify anything in the, uh, meeting chat that you want to elevate?

[Rim Cothren | HCAI] 15:55:02

I think you have given us a lot to think about.

[Rim Cothren | HCAI] 15:55:06

Catalina, any other public comment?



[Catalina Cole | Manatt Events] 15:55:10

Yes. Well, it looks like we have...

[Catalina Cole | Manatt Events] 15:55:16

Jennifer and Lucy's hands still raised. I will lower them, and then we had.

[Catalina Cole | Manatt Events] 15:55:21

One person who put their hand down. So we'll give them one more moment in case they would like to.

[Catalina Cole | Manatt Events] 15:55:29

Come off of mute. Here we go. Rita, you should be able to unmute.

[Rita Torkzadeh] 15:55:36

Hi, um, I was actually also a part of the previous consent task force, and my question relates to what Jacob Parkinson had posted to.

[Rita Torkzadeh] 15:55:45

Remind everyone of the technical requirements for exchange that indicate... that where he, um.

[Rita Torkzadeh] 15:55:51

Indicated that participants that make requests for. Notification of ADT events must submit a roster identifying the individuals for whom notifications of.

[Rita Torkzadeh] 15:56:01

Adt events are requested consistent with the attributes of person matching or using some other method.

[Rita Torkzadeh] 15:56:07

Acceptable to sending participant. My question in relation to that, um, knowing that it's part of your, you know, PMPs.



[Rita Torkzadeh] 15:56:15

Is whether that assumes, like, a minimum, like, necessary data. Type... type of, um... scenario with... assuming this is going to be the ongoing model, you know, of any kind of.

[Rita Torkzadeh] 15:56:29

Request or roster sharing. Um, or if it's gonna be specifically aligned with whatever is considered appropriate for person matching.

[Rim Cothren | HCAI] 15:56:40

And, um, uh, thank you for that question. Um... we're really probably not in a good place to go into details, but I would point out that there is some additional language in the proposed amendment to that P&P.

[Rim Cothren | HCAI] 15:56:56

Was out for public comment. Um, the public comment period is closed, but, uh.

[Rim Cothren | HCAI] 15:57:02

Proposed amendment is still posted. If people... and we might give this to the panel for read-aheads for next time.

[Rim Cothren | HCAI] 15:57:09

Calls out a little bit more specificity in some of the roster materials and event and notification materials that would.

[Rim Cothren | HCAI] 15:57:17

Get to privacy, and maybe something good for us to review quickly before our next meeting.

[Rita Torkzadeh] 15:57:23

Yeah, and I'm just only really raising it because I don't know if it might help address some of the privacy and consent-related concerns with regards to, like, what is actually being shared in the context of, like.



[Rita Torkzadeh] 15:57:34

The attributes and this requirement, so thank you.

[Rim Cothren | HCAI] 15:57:37

Great, thank you, Rita. Catalina, do we have any more public comment?

[Catalina Cole | Manatt Events] 15:57:43

One more hand raised at this time, and Lucy, you should be able to unmute.

[Lucy Johns] 15:57:51

Can you hear me? Thank you. Um, I wanted to respond to Hans in the chat.

[Catalina Cole | Manatt Events] 15:57:53

Yes.

[Rim Cothren | HCAI] 15:57:53

He can.

[Lucy Johns] 15:57:59

And ask him. If, um, privacy by design.

[Lucy Johns] 15:58:05

Could be a principle for constructing rosters. In other words. On the one hand, we construct a roster, and on the other hand, we assume that senders and receivers know what they're doing about privacy consent.

[Lucy Johns] 15:58:20

Um, when they meet at the roster. Can the roster, by design.

[Lucy Johns] 15:58:27



Ensure... consent, at least.

[Lucy Johns] 15:58:31

Is, um... assured for a particular notification.

[Hans Buitendijk] 15:58:40

Brian, you want me to respond? You're muted.

[Lucy Johns] 15:58:48

Or just send me an email, Hans, to answer my question. Thank you.

[Rim Cothren | HCAI] 15:58:49

Yeah. Yeah. Well, I... I did want to say that at least some of the proposed amendment language gets to that point as well. I don't know that it's.

[Rim Cothren | HCAI] 15:59:01

Sufficient. We have about a minute, Han, so if you want to expand on that.

[Rim Cothren | HCAI] 15:59:06

In the next 30 seconds

[Hans Buitendijk] 15:59:09

I'll try. Just generally, is that rosters is one concept, consent and privacy rules are another. They're clearly related.

[Hans Buitendijk] 15:59:17

Uh, whether that means that it's the most appropriate way within the roster to maintain that, or whether you have a relationship that is evaluated.

[Hans Buitendijk] 15:59:25

My inclination at this point in time is that they're related but separate.



[Hans Buitendijk] 15:59:30

Um, but they need to be considered together to determine whether you can actually share data or not.

[Jacob Parkinson] 15:59:41

Bryn, you are muted again, sir.

[Rim Cothren | HCAI] 15:59:44

Of course I am. Uh... Let's go on to the next slide so we can close out our meeting here. Just real quickly, we will be posting materials and the recording from this meeting. If anybody wants to go back to that, that includes.

[Rim Cothren | HCAI] 15:59:57

Materials from the chats and the Q&A, so that information will be posted as well.

[Rim Cothren | HCAI] 16:00:02

We'll also be sharing pre-read materials for our next, uh, TAC meeting with members, and we ask that you.

[Rim Cothren | HCAI] 16:00:08

Spend at least a little bit of time looking through those in advance if you can.

[Rim Cothren | HCAI] 16:00:12

Our intent is also to send you a post-meeting poll. Uh, after today's meeting.

[Rim Cothren | HCAI] 16:00:17

And we're going to ask you to rank what you've seen so far and respond about what you liked or didn't like about some of your rankings. We'd like you to take a look at that in the next few days. We're going to close the poll mid-week, so we're really looking at.

[Rim Cothren | HCAI] 16:00:31



Your initial responses, and we'll use that to help drive some of our future conversations.

[Rim Cothren | HCAI] 16:00:36

Next slide, please, just real quickly, our next meeting. Uh, our intent is to start talking about sustainability, we'll review that intent after we take a look at today's meeting comments in a little bit more detail, but we will see you all again.

[Rim Cothren | HCAI] 16:00:51

Here, at the same time in two weeks. Thank you all for a wonderful discussion today, and... Look forward to talking to you again. Thank you.