



Data Exchange Framework

2024 Standards Committee Meeting #5

Monday, December 2, 2024

12:00 PM – 1:00 PM PT

 Members are strongly encouraged to **enable their video** to foster increased interaction and discussion.



The Vision for Data Exchange in California

Once implemented across California, the Data Exchange Framework (DxF) will create new connections and efficiencies between health and social services providers, improving whole-person care.

The DxF is California's first-ever statewide Data Sharing Agreement (DSA) that requires the secure and appropriate exchange of health and human services information to enable providers to work together and improve an individual's health and wellbeing.



Agenda



- 12:00 PM
Welcome
- 12:05 PM
Discussion: What We Heard in Meeting #4
- 12:15 PM
Discussion: Transport Standards for Notifications and Events
- 12:50 PM
Public Comment
- 12:55 PM
Next Steps

2024 Standards Committee Members

Name	Organization
Rim Cothren (Chair)	Center for Data Insights and Innovation
Ray Duncan	Cedars-Sinai Health System
Jonathon Feit	Beyond Lucid Technologies, Inc
Danielle Friend	EHRA
Evelyn Gallego	EMI Advisors
Dave Green	PointClickCare
John Helvey	SacValley MedShare
Sheljina Ibrahim Kutty	Elevance Health
Mani Nair	Blue Shield of California
Tim Polsinelli	Manifest MedEx
Ken Riomales	CalMHSA

Public Comment Opportunities

Public comment will be taken during the meeting at the approximate time listed on the agenda and limited to the total amount of time allocated for public comment.

Members of the public may also use the Zoom's Q&A feature to ask questions or make comments during the meeting, or can email their questions or comments to DxF@chhs.ca.gov.

What We Heard in Meeting #4



What We Heard on November 21, 2024

Content Standards for Events

- DxF should establish minimum event content standards that must be supported by hospitals, EDs, and SNFs using an intermediary for notifications, and all intermediaries that support notifications for DxF participants
 - Participants and their intermediaries are free to use any national standard acceptable to both parties
- The minimum standard for events between hospitals, EDs, and SNFs and their intermediaries is HL7 v2.5.1 (or later) ADT messages
 - A01, A03, A04 (admit, discharge, registration) messages are required
 - A08 (update) messages are recommended if desired by the intermediary
 - A02 (transfer), A12, A13 (cancellation) messages may be sent if desired by the intermediary
- All required and required-if-known content specified for a machine-readable notification is required or required-if-known in the event



What We Heard on November 21, 2024

Transport Standards for Notifications

- The minimum standard for machine-readable events is HL7 v2.5.1 (or later) ADT messages
 - A01, A03, A04 (admit, discharge, registration) messages are required
 - A08 (update) messages are recommended if desired by the recipient
 - A02 (transfer), A12, A13 (cancellation) messages may be sent if desired by the recipient
- DxF should remain flexible to allow transport over HTTPS, via VPN, or as an attachment to a Direct secure message as desired by the recipient and supported by the hospital, ED, SNF, or intermediary

Question for today:

Must hospitals, EDs, SNFs, and intermediaries support all three transport methods or only one?



Does that sound right? What did we miss?

Transport Standards for Notifications and Events



Considerations for Notification Transport

- Must allow for machine-readable HL7 v2 ADT messages and human-readable notifications.
- Must consider varying levels of sophistication and the differing HIPAA status of recipients.
 - Not all recipients may be able to receive and process HL7 messages.
 - Not all recipients may be able to obtain a DirectTrust-accredited address.
- Must be implemented by:
 - Facilities that have chosen to use their own technology, and
 - Intermediaries that provide notifications on behalf of facilities.
- Potential mechanisms for HL7 messages:
 - Point-to-point connection via HTTPS or VPN
 - Attachment to a Direct secure message
- Potential mechanisms for human-readable content:
 - Portal with an SMS or email alert to check for new events
 - Body of a Direct secure message

There may be many more choices. What is the minimum standard required for all facilities and intermediaries?

For Discussion: Transport Standard for Notifications



- Should all facilities using their own technology and intermediaries be required to transmit HL7 v2.5.1 ADT messages via HTTPS or VPN?
- Should all facilities using their own technology and intermediaries be required to establish a portal for human readable content with SMS or email messages alerting participants to check for new events?

Considerations for Event Transport

- Consider aligning this transport requirement for events with the machine-readable requirement for notifications.
- Must accommodate machine-readable HL7 v2 ADT messages as well as human-readable notifications
- Must be implemented by:
 - Facilities that send events to an intermediary that provides notifications on their behalf, and
 - Intermediaries who receive these events to provide notifications on behalf of facilities.
- Potential mechanisms for HL7 messages:
 - Point-to-point connection via HTTPS or VPN

For Discussion: Transport Standard for Events



- Should DxF specify a minimum technical standard or leave the specification up to each intermediary?

If a standard should be specified:

- Should all facilities using an intermediary and all intermediaries be required to be able to send/receive an HL7 v2.5.1 ADT message via HTTPS or VPN?

Public Comment



Public Comment

- Members of the public must “raise their hand” and Zoom facilitators will unmute each member of the public for them to share comments.
- The Chair will call on individuals in the order in which their hands were raised.
- Individuals will be recognized for up to two minutes and are asked to state their name and organizational affiliation at the start of their remarks.

Logged into Zoom

If you logged on via [Zoom interface](#)

Press “Raise Hand” in the “Reactions” button on the screen

If selected to share your comment, you will receive a request to “unmute;” please ensure you accept before speaking

Phone Only

If you logged on via [phone-only](#)

Press “*9” on your phone to “raise your hand”

Listen for your phone number to be called by the moderator

If selected to share your comment, please ensure you are “unmuted” on your phone by pressing “*6”

Next Steps



Upcoming Meetings

Standards Committee	Date
Meeting #6 (<i>if necessary</i>)	Thursday, December 19, 2024, 12:00 PM – 1:00 PM PT

Note: Additional Committee meetings may be scheduled, if required.
Meeting information will be posted to the CDII DxF web page once confirmed.