

Data Exchange Framework

2024 Standards Committee Meeting #3

Monday, October 28, 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 #2
- 12:15 PM
Discussion: Content Standards for Notifications
- 12:50 PM
Public Comment
- 12:55 PM
Next Steps and Closing Remarks

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 #2

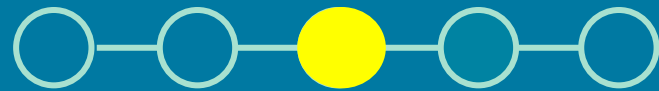


What We Heard on October 18, 2024

1. The Standards Committee noted the important role notifications have in the communication of critical information related to an event:
 - **What?** What event occurred?
 - **When?** When did the event occur?
 - **Who?** What individual was this event associated with?
 - **Where?** What facility or organization reported the event?
 - **Why?** What condition precipitated this event?
2. Only the data necessary to determine if further action is necessary (and support that action) should be found in a notification.
3. Not all desired/required information may be available upon first notification.
4. Further actions taken by a notification recipient may include querying for more details, contacting the facility, contacting the individual, etc.
5. Some recipients will find receipt of machine-readable notifications a challenge.

Does that sound right? What did we miss?

Content Standards for Notifications



For Discussion: Content Standards for Notifications



- Consider the proposal that follows. Does it meet the requirements described at the last meeting?
- What would need to be added? What is unnecessary to address requirements and should be removed?
- What minimum should be required? What should be optional?
- Should DxF favor existing standards (e.g., DirectTrust) over creating its own notification specification?

Proposal for Notification Content

	Element	Required?	What?	When?	Who?	Where?	Why?
All Events	Date and time of message	X					
	Organization/facility sending the message	X					
	Date and time of event	X		X			
	Type of event	X	X				
	Facility ID and name where event occurred	X				X	
	Identity of subject of event (per DxF P&P)	X				X	
ADT Events	Admission date	If known		X			
	Admission type	If known					X
	Reason for admission	If known					X
	Attending provider name and NPI	If known				X	
	Discharge disposition	If known	X				
	Discharge date	If known			X		
	Diagnosis code and description	If known					X
	Insurance company, type, group, and ID	If known				X	

Proposal for Notification Content

1. Notifications must include both a machine-readable and a human-readable segment
2. For admissions and discharges, the machine-readable segment will conform to HL7 v2.5.1 ADT message standards for A01, A03, A11, A13 message types:
 - a. When not otherwise specified, the version of USCDI required by DxF P&P must be used
 - b. Patient identity must conform to Technical Requirements for Exchange P&P
3. For admissions and discharges, the human-readable segment will include the following elements:
 - What?** Type of event
 - When?** Event date and time
 - Who?** Patient first name, last name, date of birth, health-related identifiers; Attending provider NPI, first name, last name (if known)
 - Where?** Facility at which event occurred, address, phone
 - Why?** Admission reason (on admission) or discharge diagnosis (on discharge) if known

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 and Closing Remarks



Upcoming Meetings

Standards Committee	Date
Meeting #4	Thursday, November 21, 2024, 12:00 PM – 1:00 PM PT
Meeting #5	Monday, December 2, 2024, 12:00 PM – 1:00 PM PT
Meeting #6	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.

Appendix

Technical Requirements for Exchange P&P

3a. Hospital and Emergency Department Participants

- i. Participants that are Hospitals or Emergency Departments must send Notification of ADT Events unless prohibited by Applicable Law.*

3b. Other Participants Sending Notifications of ADT Events

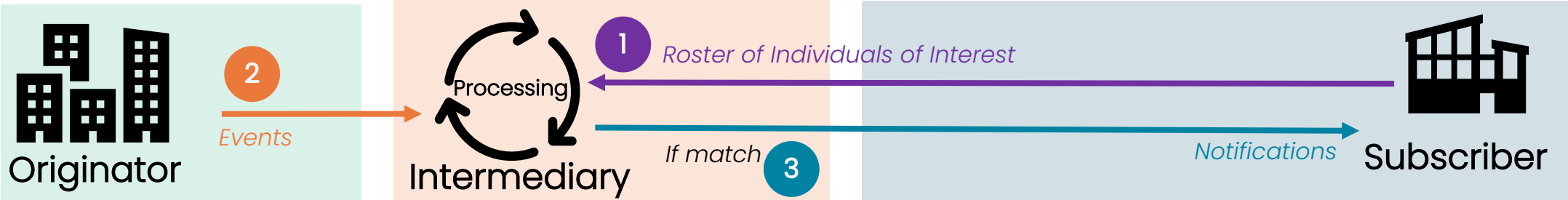
- i. Participants that are skilled nursing facilities are encouraged to [send Notifications of ADT Events] using the same methods as Hospitals or Emergency Departments.*

***Definition:** “Admit, Discharge, Transfer (ADT) Event” means, at a minimum, admission to a Hospital or Emergency Department, discharge from a Hospital or Emergency Department, or transfer from a Hospital or Emergency Department to another healthcare facility in which the admission, discharge, or transfer reflects an actual change in patient status, including cancellations of an admission, discharge, or transfer. ADT Events may include intra-facility transfers if requested by the Participant and supported by the Hospital or Emergency Department.*

Aligning on Terminology

- **Recipient:** An organization seeking to receive Notifications of Events for Individuals with whom they have a relationship.
- **Roster:** Developed by a Subscriber, a list of Individuals for whom the Subscriber would like to receive Notifications. The Roster may be updated from time to time.
- **Originator:** The Originator is the source of Events that Subscribers request to be notified of. Events will often occur at an Originator's facilities.
- **Event:** An encounter, transition, or other change in status that significantly impacts an Individual's health, or the transaction automatically generated by an EHR or other system upon such a change in status.
- **Intermediary:** An organization that receives Events from an Originator, matches Event to Individuals on Subscriber Rosters and, sends Notification(s) to Subscriber(s) in real-time.
- **Notification:** The transaction sent to the Subscriber(s), making them aware of the Event.

Basic Event Notification Data Flow



In the initial DxF use case:

- Hospitals, EDs, and SNFs may be the origin of admission and discharge events;
- Any Participant may submit a roster to subscribe to notifications; and
- Originating facilities may process events and roster to send notification or choose to use an Intermediary such as a QHIO.

Sequence of Discussions

