



# Data Exchange Framework

## Technical Advisory Committee (TAC) Meeting #3C: Event Notification Architecture

**Thursday, September 4, 2025**

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

Every Californian, no matter where they live, should be able to walk into a doctor's office, a county social services agency, or an emergency room and be assured that their health and social services providers can access the information they need to provide safe, effective, whole-person care—while keeping their data private and secure.

California's Data Exchange Framework (DxF) will help achieve this vision and improve care for all Californians by enabling statewide, secure data exchange between health and social services providers.



# Agenda



- 12:00 PM  
Welcome & Roll Call
- 12:05 PM  
What We Heard Last Meeting
- 12:20 PM  
Discussion of Potential Event Notification Architecture Characteristics
- 12:50 PM  
Public Comment
- 12:55 PM  
Next Steps and Closing Remarks

# 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](mailto:DxF@chhs.ca.gov).

# Event Notification Architecture

## TAC Members



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

Name	Organization
Rim Cothren (Chair)	Data Exchange Framework
Cindy Bero	Manatt Health Strategies
Danielle Friend	Electronic Health Record Association (EHRA)
David McCann	United Ways of California 211 DXF Collaborative
Demetrio Cardenas	Via Care
Dr. Brian Thomas	Alameda County
Eric Jahn	Bitfocus
Eric Nielson	California Welfare Director's Association (CWDA)
Gregg Smith McCurdy	Hill Physicians Medical Group
Irene Lintag Alvarez	Aliados Health
Joe Sullivan	Emergency Service Medical Authority (EMSA)
John Roszkowiak	CenCal Health

Name	Organization
Julie Silas	Homebase
Ken Riomales	California Mental Health Services Authority (CalMHSA)
Mani Nair	Blue Shield of California
Marta Galan	California Department of Social Services (CDSS)
Michael Marchant	Sutter Health
Ray Duncan	Cedars-Sinai Health System
Robin Roberts	Point Click Care
Tamara Hennessy-Burt	California Department of Public Health (CDPH)
Tim Polsinelli	Manifest Medex
Uma Chandavarkar, MD, MHA	California Department of Healthcare Services (DHCS)
Vishaun Lekraj	Kaiser Permanente

# Event Notification Architecture TAC Series Objective

The objective of this meeting series is to **develop recommendations for an architecture for statewide event notification under the DxF.**

# What We Heard Last Meeting

## Centralized Model

- Some services may be suitable for centralization, but not all.
- Full centralization implies selecting a dominant technology solution or 'tech winner.'
- A phased approach to centralization could be considered.

## Decentralized Model

- Places significant burden on participants to manage many data sharing relationships.

## Roster Sharing Model (currently used in QHIO Program)

- Privacy concerns raised about sharing large volumes of personally identifiable information across organizations.
- Consistent, high-quality person matching at different nodes will be a challenge to achieve or assess.

## Event Sharing Model

- Sharing events (as Mass HIway does) may simplify matching but could raise scalability concerns for California's larger population.
- Local roster management and person matching are strengths.
- The discard protocol for unmatched events was supported to manage data flow and privacy.

## API Model

- API-based querying could reduce data duplication but may shift burden to recipients and add complexity.
- Consent and privacy rules must be integrated into API interactions to ensure appropriate data sharing.
- The model may prioritize senders over recipients, which could misalign with DxF's goals.

# Poll #1

**Is an individual's identity enough information to trigger sending a Notification to the requesting organization? Or is more information necessary to make that determination?**

1

**Yes**, identity is sufficient to send a Notification to the Recipient

2

**No**, more information is needed before an Event should be sent to a Recipient



# Poll #2

**Should the sharing of personal information or PHI be triggered by an Event rather than a Request for Notification?**

1

**Yes**, sharing of personal information or PHI should be triggered by an Event.

2

**No**, sharing of personal information or PHI may equally occur outside of an Event.

# Poll #3

**Assuming the DxF architecture supports multiple nodes for sending Notifications, how do those nodes need to be organized? Rank order the options below.**

1

Organize nodes geographically

2

Organize nodes to deliver notifications from specific health or social services segments

3

Organize nodes to deliver notifications to specific health or social services segments

4

Organize nodes by the notification methods they make available (e.g., portal, interface, Direct Secure Messaging)

5

Do not pre-determine; let market dynamics drive the organization

# Public Comment

# Next Steps

## **The DxF Team will:**

- Post meeting materials and recording to the DxF webpage.
- Share pre-read materials for next TAC meeting with members.
- Share a post-meeting poll (tentative)

## **Members will:**

- Be prepared to discuss specific recommendations on DxF event notification architectures at the next meeting.

# Upcoming Meetings

Topic	Potential Topic	Date
Meeting #3D	Further Architecture Discussions	Thursday, September 18, 2025, 12:00–1:00 PM PT
Meeting #3E	<i>If needed</i>	Friday, October 3, 2025, 12:00–1:00 PM PT

# Appendix

# Key Terms in this Series

Term	Description
Event	A significant change in an individual's status—currently defined as an Admission or Discharge from a Hospital, Emergency Department, or Skilled Nursing Facility.
Event Service	The application or technology responsible for receiving Events from Sources and forwarding the Event to the appropriate Notification Service.
Node	An entity or technology that receives Events from Sources and/or sends Notifications to Recipients.
Notification	Communication of an Event sent to a Recipient for Individuals requested by the Recipient.
Notification Service	The application or technology responsible for communicating Events to Notification Recipients that have made a Request for Notifications.
Person Matching	The process by which an Event is matched to a Request for Notifications, such as a roster, to identify which Recipient(s) should receive Notifications.
Recipient	A DxF Participant who wishes to receive timely Event Notifications associated with the Individuals they serve.
Request for Notifications	A request submitted by a Recipient to a Notification Service requesting Notifications, such as a roster of individuals.
Source	The DxF Participant at which an Event occurs and who initiates the notification process – currently a Hospital, Emergency Department, or Skilled Nursing Facility.