



# Partner with Manifest MedEx, a QHIO, to Meet Your DxF Requirements

Thursday, February 29 from 12 pm – 1 pm PT



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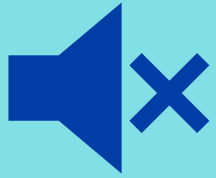
CEO and Founder,  
Transform Health



**Felix Su**

Director of Policy,  
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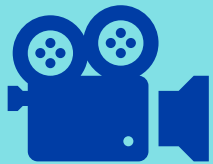
# WEBINAR HOUSEKEEPING



All lines are muted.



You may submit a question at any time through the Q&A box located at the bottom center of your screen.



This session will be recorded. It will be available to attendees via email, added to the Manifest MedEx website, and shared via social media.

# AGENDA

- 1 Importance of Data Exchange Framework
- 2 What is a QHIO?
- 3 Benefits of Partnering with Manifest MedEx (MX) as Your Designated QHIO
- 4 Manifest MedEx Participant Perspective – Choice Physicians Network
- 5 Q&A

# Data Sharing and the DxF:

Why is it important?

Why pay attention now?

# CALIFORNIA'S VISION FOR DATA EXCHANGE

Every Californian, and the health and human service providers and organizations that care for them, will have timely and secure access to usable electronic information that is needed to address their health and social needs and enable the effective and equitable delivery of services to improve their lives and wellbeing.



# WHAT IS THE DATA EXCHANGE FRAMEWORK?

In July 2022, CalHHS/CDII published the DxF Data Sharing Agreement (DSA) and its initial Policies & Procedures (P&Ps), informed by a year-long stakeholder engagement process.

## DxF Data Sharing Agreement (DSA)

**A legal agreement that a broad spectrum of health organizations are required to execute by January 31, 2023**

- ✓ Streamlined document that focuses on the key legal requirements

## Policies & Procedures (P&Ps)

**Rules and guidance to support “on the ground” implementation**

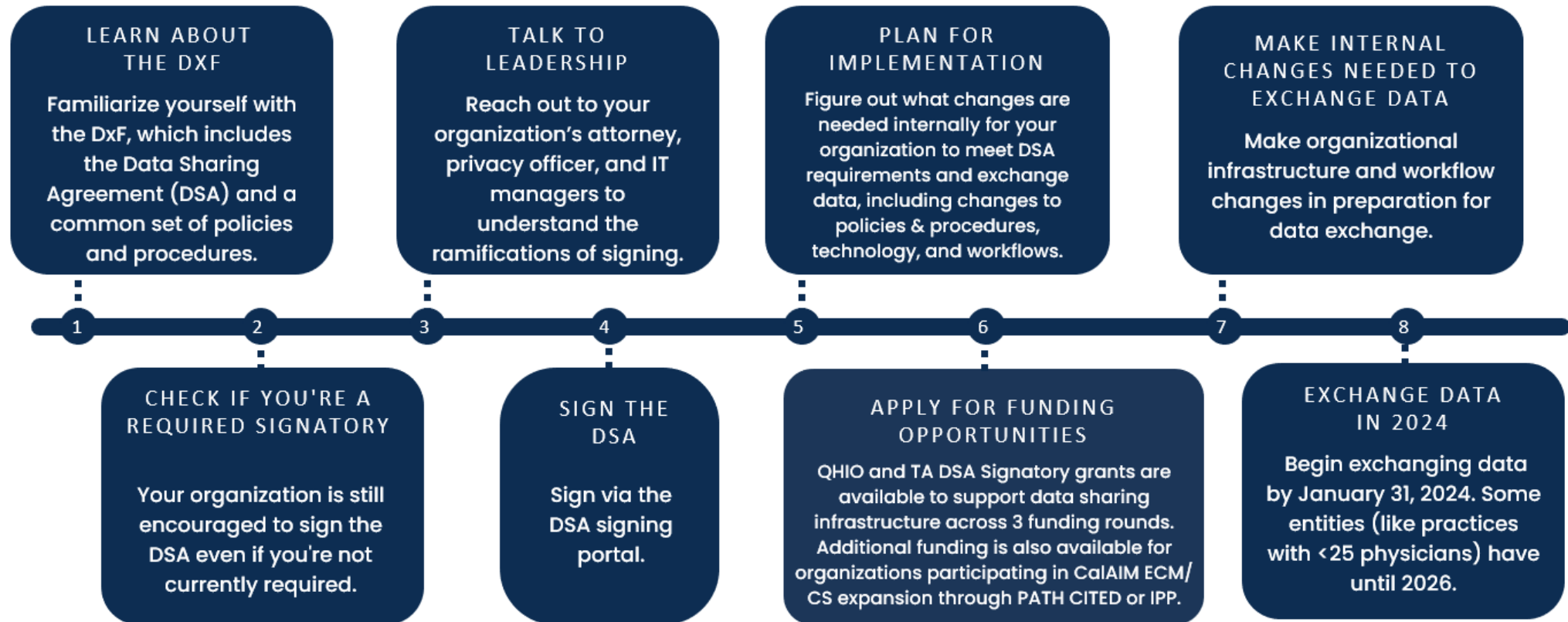
- ✓ Detailed implementation requirements
- ✓ Will evolve and be refined over time through a participatory governance process involving stakeholders

The DSA & P&Ps were developed to align with and build upon existing state and federal data exchange laws, regulations, and initiatives where possible (e.g., HIPAA, TEFCO, CalDURSA).

All DxF P&Ps available at: <https://www.cdii.ca.gov/committees-and-advisory-groups/data-exchange-framework/>

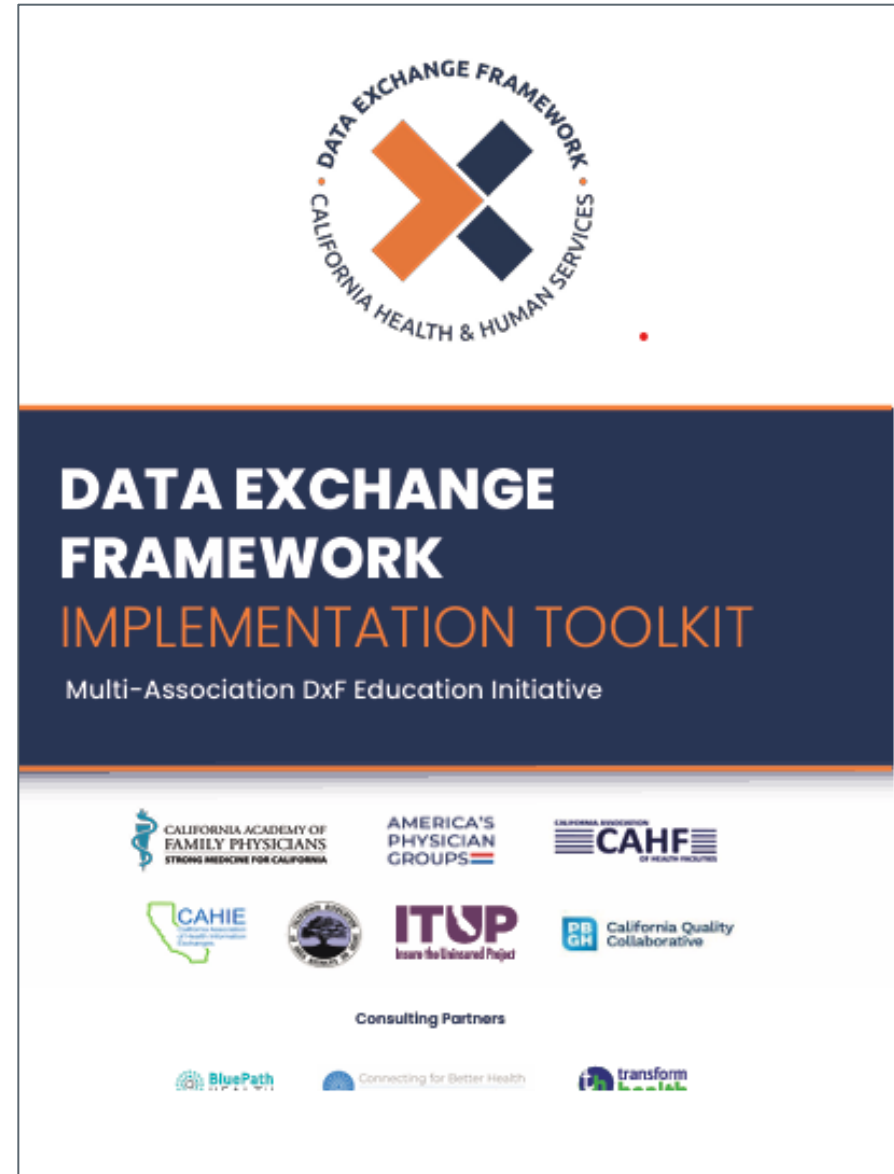
# THE JOURNEY OF DATA SHARING: HOW TO SIGN & IMPLEMENT THE DATA EXCHANGE FRAMEWORK IN 8 STEPS

DEVELOPED BY THE MULTI-ASSOCIATION DXF EDUCATION INITIATIVE



# DXF IMPLEMENTATION TOOLKIT

- Walks organizations through the process of understanding and signing the DSA through implementing data sharing practices under DxF.
- Outlines internal planning steps related to making changes to internal policies and procedures, technology and workflows.
- Contains questions to ask trading partners to help understand your environment and partners.
- Toolkit available [here](#).





## HOW TO REACH US

- Not sure how to start your journey to sharing data? Do you have specific implementation questions?
- Want a copy of the DxF Implementation Toolkit?

Email us at:

**[DATASHARINGINFO@transformhc.com](mailto:DATASHARINGINFO@transformhc.com)**



# How Manifest MedEx, a QHIO, Helps You Meet Your DxF Requirements



**Manifest**  
MEDEX





## ABOUT MANIFEST MEDEX

As the largest nonprofit health data network in California, Manifest MedEx (MX) is an integral part of the state's health data infrastructure, combining and delivering crucial health information for more than 38 million Californians across every county throughout the state.



**38M**

integrated patient  
records

**77%**

of records with both  
claims and clinical data

**1.5M+**

ADT notifications delivered  
monthly

**580%**

growth in participants since  
2019





## KEY QUESTIONS & ANSWERS FOUND IN DXF DOCUMENTS

- **ASSEMBLY BILL 133** (*WHO?*)
- DxF Policies and Procedures
  - **OPP-08:** Data Elements to Be Exchanged (*WHAT?*)
  - **OPP-04:** Permitted, Required, and Prohibited Purposes (*WHY?*)
  - **OPP-05:** Requirement to Exchange Health and Social Services Information (HSSI)/  
**OPP-12:** Real-Time Exchange (*WHEN?*)
  - **OPP-14:** Participant Directory (*WHERE?*)
  - **OPP-09:** Technical Requirements for Exchange (*HOW?*)



## AB 133 REQUIREMENTS FOR HEALTH CARE ENTITIES (*WHO?*)

- By **January 31, 2023**, AB 133 requires DSA to be **signed by**:
  - General acute care hospitals
  - Physician organizations and medical groups
  - Skilled nursing facilities
  - Clinical labs
  - Health care service plans, disability insurers, and Medi-Cal managed care plans
  - Acute psychiatric hospitals
  
- By **January 31, 2024**, many of the above entities must begin to **implement and comply with** the DSA by “exchang[ing] health information or provide access to health information to and from every other entity...**in real time** as specified by CalHHS pursuant to [the DSA] for treatment, payment, or health care operations.”



# WHAT DATA ELEMENTS TO BE EXCHANGED

## Hospitals, clinics, and physician practices:

- (At a minimum) data elements in the **United States Core Data for Interoperability (USCDI) Version 2** maintained by the entity

## Data Formats – nationally and federally adopted standards, which include one of:

- HL7 Messaging
- HL7 Clinical Document Architecture (C-CDA)
- HL7 Fast Healthcare Interoperability Resources (FHIR)

## USCDI v2 Summary of Data Classes and Data Elements

<b>Allergies and Intolerances</b> <ul style="list-style-type: none"><li>• Substance (Medication)</li><li>• Substance (Drug Class)</li><li>• Reaction</li></ul>	<b>Goals</b> <ul style="list-style-type: none"><li>• Patient Goals</li><li>• SDOH Goals</li></ul>	<b>Procedures</b> <ul style="list-style-type: none"><li>• Procedures</li><li>• SDOH Interventions</li></ul>
<b>Assessment and Plan of Treatment</b> <ul style="list-style-type: none"><li>• Assessment and Plan of Treatment</li><li>• SDOH Assessment</li></ul>	<b>Health Concerns</b> <ul style="list-style-type: none"><li>• Health Concerns</li></ul>	<b>Provenance</b> <ul style="list-style-type: none"><li>• Author Time Stamp</li><li>• Author Organization</li></ul>
<b>Care Team Member(s)</b> <ul style="list-style-type: none"><li>• Care Team Member Name</li><li>• Care Team Member Identifier</li><li>• Care Team Member Role</li><li>• Care Team Member Location</li><li>• Care Team Member Telecom</li></ul>	<b>Immunizations</b> <ul style="list-style-type: none"><li>• Immunizations</li></ul>	<b>Smoking Status</b> <ul style="list-style-type: none"><li>• Smoking Status</li></ul>
<b>Clinical Notes</b> <ul style="list-style-type: none"><li>• Consultation Note</li><li>• Discharge Summary Note</li><li>• History &amp; Physical</li><li>• Procedure Note</li><li>• Progress Note</li></ul>	<b>Laboratory</b> <ul style="list-style-type: none"><li>• Tests</li><li>• Values/Results</li></ul>	<b>Unique Device Identifier(s) for a Patient's Implantable Device(s)</b> <ul style="list-style-type: none"><li>• Unique Device Identifier(s) for a Patient's Implantable Device(s)</li></ul>
<b>Clinical Tests</b> <ul style="list-style-type: none"><li>• Clinical Test</li><li>• Clinical Test Result/Report</li></ul>	<b>Medications</b> <ul style="list-style-type: none"><li>• Medications</li></ul>	<b>Vital Signs</b> <ul style="list-style-type: none"><li>• Diastolic Blood Pressure</li><li>• Systolic Blood Pressure</li><li>• Body Height</li><li>• Body Weight</li><li>• Heart Rate</li><li>• Respiratory Rate</li><li>• Body Temperature</li><li>• Pulse Oximetry</li><li>• Inhaled Oxygen Concentration</li><li>• BMI Percentile (2 - 20 Years)</li><li>• Weight-for-length Percentile (Birth - 36 Months)</li><li>• Head Occipital-frontal Circumference Percentile (Birth - 36 Months)</li></ul>
<b>Diagnostic Imaging</b> <ul style="list-style-type: none"><li>• Diagnostic Imaging Test</li><li>• Diagnostic Imaging Report</li></ul>	<b>Patient Demographics</b> <ul style="list-style-type: none"><li>• First Name</li><li>• Last Name</li><li>• Previous Name</li><li>• Middle Name (including Middle Initial)</li><li>• Suffix</li><li>• Sex (Assigned at Birth)</li><li>• Sexual Orientation</li><li>• Gender Identity</li><li>• Date of Birth</li><li>• Race</li><li>• Ethnicity</li><li>• Preferred Language</li><li>• Current Address</li><li>• Previous Address</li><li>• Phone Number</li><li>• Phone Number Type</li><li>• Email Address</li></ul>	
<b>Encounter Information</b> <ul style="list-style-type: none"><li>• Encounter Type</li><li>• Encounter Diagnosis</li><li>• Encounter Time</li><li>• Encounter Location</li><li>• Encounter Disposition</li></ul>	<b>Problems</b> <ul style="list-style-type: none"><li>• Problems</li><li>• SDOH Problems/Health Concerns</li><li>• Date of Diagnosis</li><li>• Date of Resolution</li></ul>	



# WHAT DATA ELEMENTS TO BE EXCHANGED

**Health Plans** – data as required under federal CMS Interoperability and Patient Access regulations for public programs, including but not limited to:

- Adjudicated claims
- Encounters with capitated providers
- Clinical data elements in the **USCDI v2** if maintained by the entity

USCDI v2 Summary of Data Classes and Data Elements

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## WHY, WHEN, WHERE, AND HOW MUST DATA BE SHARED?

- **WHY:** DxF Participants must exchange or make available HSSI for HIPAA-defined Required Purposes:
  - **Treatment**
  - **Payment**
  - **Health Care Operations**
  - **Public Health Activities**
- **WHEN:** DxF Participants must **respond to requests** for information for Required Purposes
  - **Admit, Discharge, Transfer (ADT) Events:** All hospitals and emergency departments must share ADT events with other DxF participants who request receiving these alerts
- **WHERE:** The **DxF Participant Directory** lists organizations' technological choices to receive requests for and delivery of HSSI (e.g., QHIO, Nationwide Network, point-to-point interface)
- **HOW:**
  - **Request for Information:** DxF Participants must receive and respond to queries for information using Integrating the Healthcare Enterprise (IHE) profiles for patient discovery, document query and retrieval
  - **Person Matching:** DxF Participants must use specified data attributes when specifying an Individual to match in a Request for Information or Notifications of ADT Events

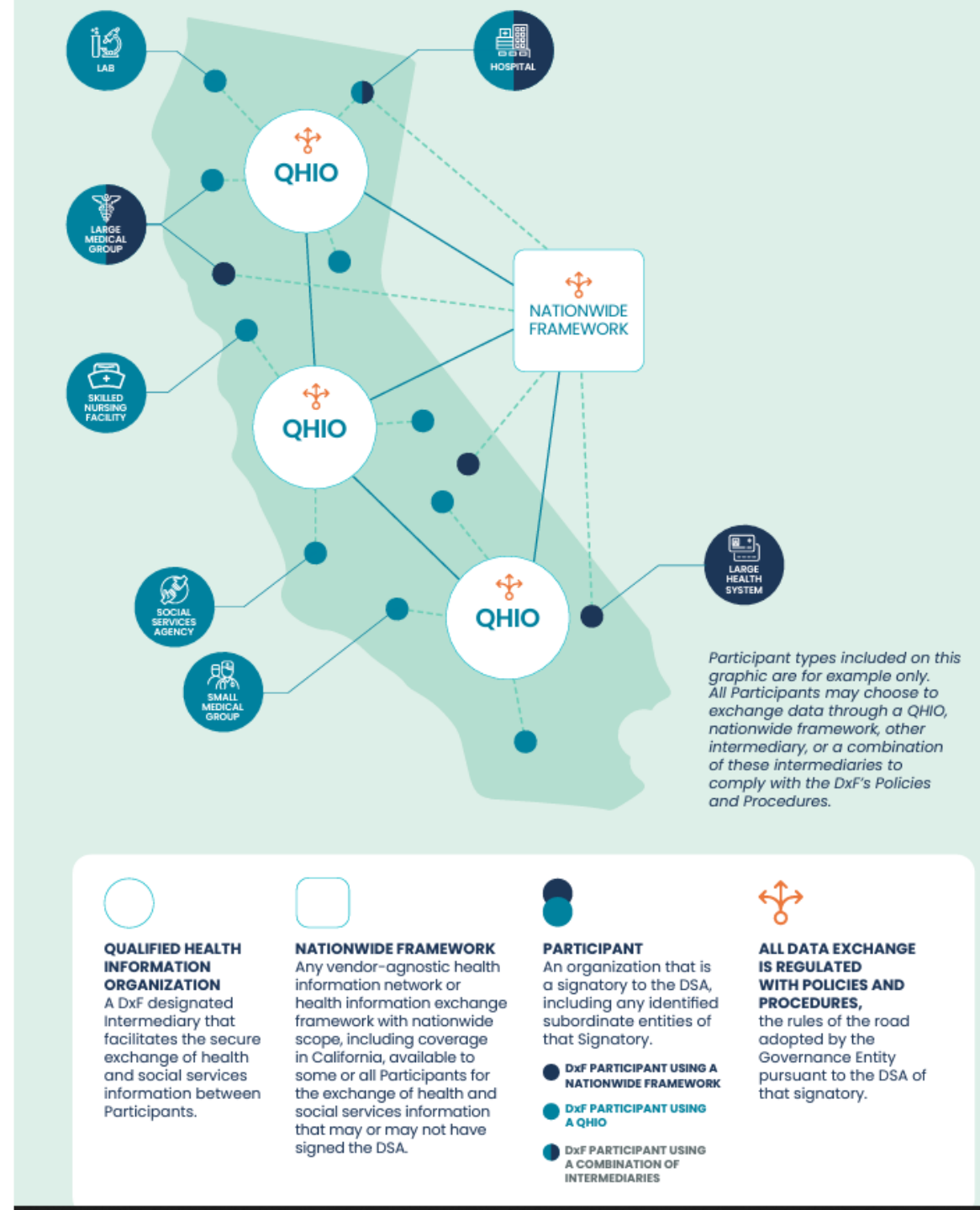


# WHAT IS A QUALIFIED HEALTH INFORMATION ORGANIZATION (QHIO)?

A QHIO is a DxF-designated intermediary that meets the requirements for secure data exchange and other criteria.

These intermediaries offer services and functions to support the sharing of health information, assisting health and social services entities as they initiate, receive, and reply to requests for information.



DxF Participants may choose to use a QHIO or another intermediary to meet their Data Sharing Agreement (DSA) requirements for secure data exchange.





# MEET DXF REQUIREMENTS WITH MANIFEST MEDEX AS YOUR QHIO

Manifest MedEx can help **providers**, **hospitals**, **health plans** and **other health care organizations** meet data sharing requirements under AB133 by:

-  Securely exchanging DxF-required clinical data,
-  In nationally adopted standards,
-  With other DxF Participants,
-  For Required and Permitted uses only

## Longitudinal Patient Records

(Web portal and Data Feeds)

- MX Access (web portal)
- CCDA Query
- CCDA Push



**MX Access**

## Notifications

(Web Portal and Data Feeds)

- MX Notify (web portal)
- Custom ADT Notifications



**MX Notify**



# PREVIEW OF MX ACCESS

**Manifest MEDEX** User Support | Rashel P F Kostolansky | Logout

Home Back to: Patient Search >

**BURKE, TERRY 10/06/1997 ( 26 Yrs ) F** More demographics

**Chartbook** <<

- Summary**
- Allergies
- Insurance
- Medications
- Claims Data
- Problems & Diagnoses
- Encounters
- Labs
- Radiology
- Procedures
- Documents
- Vaccinations
- Next of Kin
- Risk Scores

**Patient Summary**

▼ **Allergies** Sorted by Onset

Allergen	Reaction	Severity	Onset
BUPROPION HCL	Rash		
SHELLFISH DERIVED	Anaphylaxis	SV	
No Known Allergies			11/03/2023
No Known Allergies			09/24/2022
VENOM-HONEY BEE	Anaphylaxis; Swelling; Rash	SV	01/06/2021

▼ **Problems & Diagnoses** Sorted by Date

Description	Date
Radiculopathy, lumbar region	11/28/2023
CHIEF COMPLAINT	11/07/2023
OTHER CHRONIC PAIN	11/07/2023
COVID-19, virus identified	05/06/2020
Chest pain on breathing	01/20/2018

▼ **Laboratory Results** Sorted by Date Created

Description	Details	Date Created
Q SARS Coronavirus with CoV-2	⋮	
UA complete W Reflex Culture pnl Ur	⋮	01/19/2024
HbA1c	⋮	01/22/2018
Vitamin D 25-OH	⋮	10/30/2017
Thyrotropin	⋮	10/30/2017

▼ **Medications** Sorted by Start

Medications	Dose	Details	Start
POLYETHYLENE GLYCOL 3350 17 GRAM ORAL POWDER PACKET	17 g	⋮	01/19/2024

▼ **Procedures** Sorted by Date

Code	Description	Date
LAB880	SARS COVID-19 W/ COV-2RNA, QUAL RT PCR (QUEST)	05/06/2020
G9226	Diabetic foot exam	07/10/2017

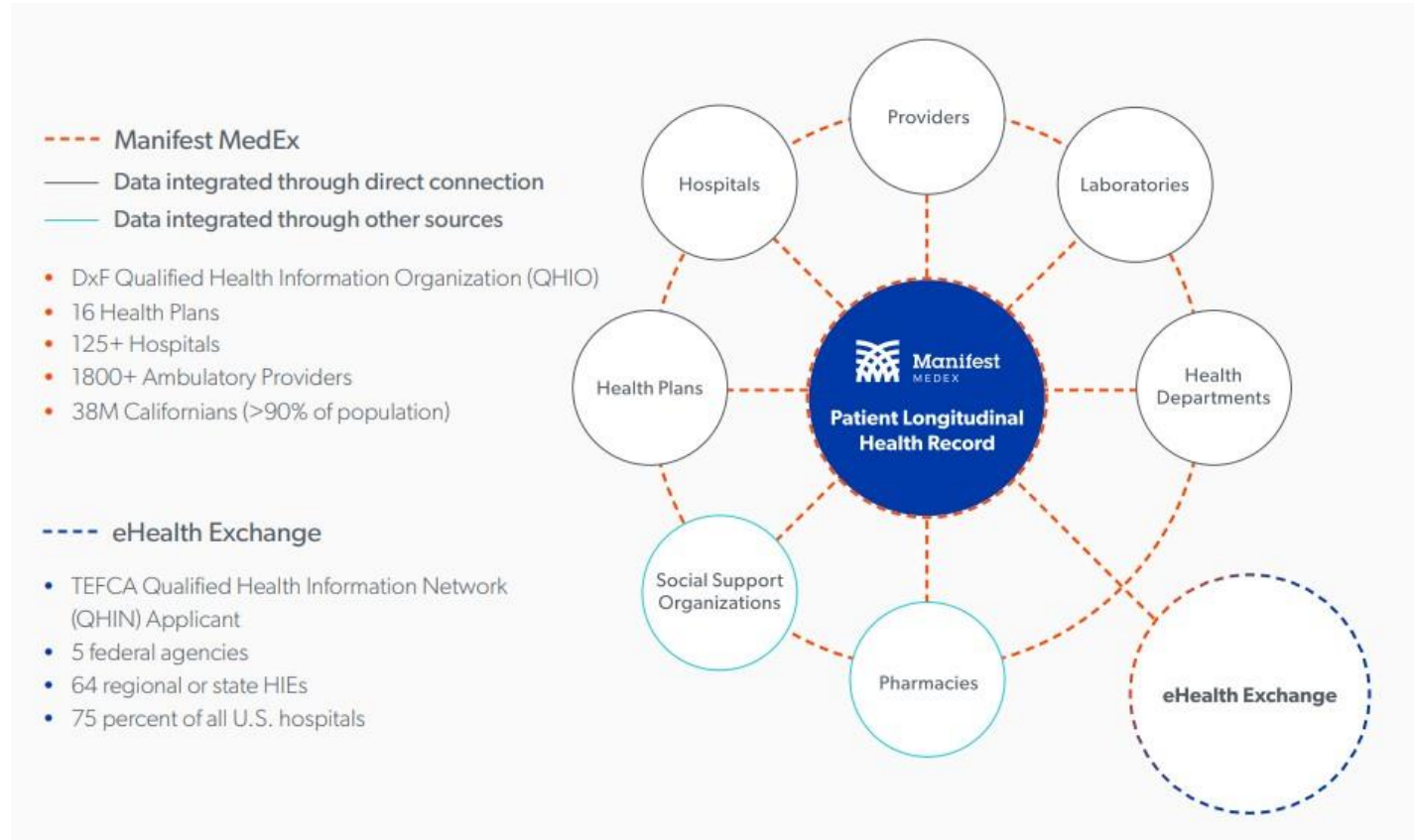
▼ **Encounters** Sorted by Discharge

Admission	Discharge	Patient Class	Discharge Diagnosis
08/01/2018		Emergency	
10/10/2018		Emergency	
11/28/2023		Emergency	-Radiculopathy, lumbar region
01/17/2024		Inpatient	
11/28/2023	11/29/2023	Inpatient	



# A CALIFORNIA NETWORK WITH NATIONAL CONNECTIVITY

Manifest MedEx meets QHIO requirements by exchanging health data with national networks and frameworks, ensuring participants can share data across a broad healthcare ecosystem.



*Access to clinical care summaries from some of California's largest health systems including:*

- *Kaiser Permanente*
- *CommonSpirit*
- *Sutter Health System*
- *UCLA Health System*
- *UCSF Health System*
- *UC Davis Health System*
- *UC San Diego Health*
- *Cedars-Sinai*
- *MemorialCare*



# PREVIEW OF MX NOTIFY

Manifest MEDEX User Support | Rashel P F Kostolansky | Logout

Home

Access

**Notify**

Audit Report

Admin

Inbox Deleted In progress

Delete Mark as Move to Filters: Type (All) Filter by patient All patients

<input checked="" type="checkbox"/>	TERRY BURKE	2023-11-15 12:58:09	Emergency Admit - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH
<input type="checkbox"/>	Sophia Patient	2023-11-14 08:32:12	Inpatient Discharge - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH
<input type="checkbox"/>	Sophia Patient	2023-11-14 08:31:59	Outpatient Registration - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH
<input type="checkbox"/>	Sophia Patient	2023-11-14 08:31:49	Emergency Admit - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH
<input type="checkbox"/>	TERRY BURKE	2023-11-14 08:31:37	Emergency Admit - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH
<input type="checkbox"/>	TERRY BURKE	2023-11-14 08:31:27	Outpatient Registration - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH
<input type="checkbox"/>	TERRY BURKE	2023-11-14 08:31:15	Inpatient Discharge - New ADT Notification for Loma Linda University Hospital	Barstow Community Hospital	BTCH_CA_BTCH

Summary

### Emergency Admit Report for TERRY BURKE, F 1997-10-06

**Patient Demographics**

Name	Date Of Birth	Gender	Identification Number	Phone	Address
TERRY BURKE	1997-10-06	F	MRN: 462462409	(951)-555-1234	135 MAIN ST ANYTOWN CA 95814

**Allergies**

Onset Date	Inactive Date	Allergen	Category	Last Updated At
2023-11-03		No Known Allergies		Barstow Community Hospital

**Medications**

Date	Medication	Form	Strength	Duration	Source
(none)					

**Encounters**

Start Date	End Date	Type	Facility	Reason	Clinician	Admission Type
2023-11-03	2023-11-03	Emergency	Barstow Community Hospital	POSSIBLE HEART ATTACK	VINCENT TANG	

**Diagnoses**

Date	Description	Code	Type	Source
2023-11-07	CHIEF COMPLAINT	POSSIBLE HEART ATTACK		Barstow Community Hospital

**Laboratory Results**



# WHY SHOULD YOU PARTNER WITH MANIFEST MEDEX AS A QHIO?

## ➤ **Non-profit mission serving Californians**

- Do not charge primary care providers to join our network
- Strict governance and policies on the use and sharing of data
- **California ADT Network:** A no-cost, electronic ADT notification exchange for Dx/F hospitals, health systems, SNFs, and QHIOs

## ➤ **Ensure data is secure and reliable**

- HITRUST certified since 2019
- NCQA Validated data streams since 2020

## ➤ **Proven record operating essential infrastructure for State**

- Process electronic lab results and case reporting for California Department of Public Health
- Piloted CalAIM consent form and management for Department of Health Care Services



**Manifest MedEx is dedicated to assisting you along the way to ensure that you have all the information you need to comply with the DxF**

For additional support:

**New participants** can contact us at [info@manifestmedex.org](mailto:info@manifestmedex.org)

**Current participants** can contact their Customer Success representative at [customersuccess@manifestmedex.org](mailto:customersuccess@manifestmedex.org).





# MX Participant Perspective: Choice Physicians Network

CHOICE

CHOICE

MEDICAL GROUP

PHYSICIANS  
NETWORK

***The Right Choice... To  
Better Your Health!***

*OUR MISSION:*

*To deliver superior medical services, ensuring health and quality of  
life, to the people within the communities we serve.*

**BEST OF THE DESERT  
FOR THE 13TH YEAR!**



*Thank you for voting!*



## THE RIGHT CHOICE TO BETTER YOUR HEALTH!

- Our commitment is to deliver superior medical services ensuring health and quality of life for our 40K+ patients. Choice Physicians Network achieves this through our extensive network of primary care and specialty physicians throughout the counties of Fresno, Los Angeles, San Bernardino, San Diego, and Riverside.
- We leverage a variety of technology tools to manage our full-risk contracts, insuring timely delivery of quality patient care

# Q&A

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# THANK YOU!

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