

# Physician-Focused Payment Model Technical Advisory Committee

## *Session 1: Improving Data Infrastructure to Empower Patients and Providers*

### **Presenters:**

#### ***Subject Matter Experts***

- [Mark Scrimshire](#) – Chief Interoperability Officer, Onyx Health
- [Kristen Valdes](#) – Founder and Chief Executive Officer, b.well Connected Health
- [Hayes Abrams](#) – Executive Director, Enterprise Health Care Management, Health Care Service Corporation
- [Ami Parekh, MD, JD](#) – Chief Health Officer, Included Health

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*Session 1: Improving Data Infrastructure to Empower Patients and Providers*

**Mark Scrimshire**

Chief Interoperability Officer,  
Onyx Health



# Beyond the Clipboard

Empowering Patients Through FHIR-Driven  
Interoperability

**PTAC Public Meeting Sept 2025**



# Mark Scrimshire

Chief Interoperability & Security Officer

- Co-Chair Da Vinci Payer Data Exchange Workgroup
- Co-Chair HL7 Financial Management Workgroup
- Board Member, FHIR Business Alliance (FHIRball)



[mark.scrimshire@onyxhealth.io](mailto:mark.scrimshire@onyxhealth.io)

# A bit about Onyx

The market leader for FHIR-Enabled Interoperability



40M+ Lives  
on our Platform

## History of Innovation



Built Centers for Medicare & Medicaid Services (CMS) Blue Button 2.0 API, the largest FHIR implementation in the world, supporting **60 million** Americans.



OnyxOS jointly built  
with Microsoft

## Guided by Deep Experience



**Susheel Ladwa**  
Chief Executive Officer  
AHIP IT Workgroup  
Chair; former health  
leadership at IBM, HP,  
EDS



**Mark Scrimshire**  
Chief Interoperability  
Officer  
CMS Blue Button  
Innovator;  
H17 Da Vinci Payer Data  
Exchange Author



**Balaji Narayanan**  
Chief Product  
Officer  
Trizetto and  
Medecision



**Tom DeGemmis**  
Chief Growth  
Officer  
Oracle, Cigna &  
Aetna



**Naveen Chaudhary**  
Chief Administration  
Officer  
CareFirst, Infosys, &  
Versant Health

### Advisory Board



**Tony Trenkle**  
Former CIO,  
CMS



**Aneesh Chopra**  
First CTO of  
USA



**Judy Murphy**  
Former Chief Nursing  
Officer. ONC & IBM



**Grahame Grieve**  
Father of FHIR

## Influencing Industry Standards

**HL7**



Creating Access to Real-time Information Now  
through Consumer-Directed Exchange

**FHIRBall**  
The FHIR Business Alliance

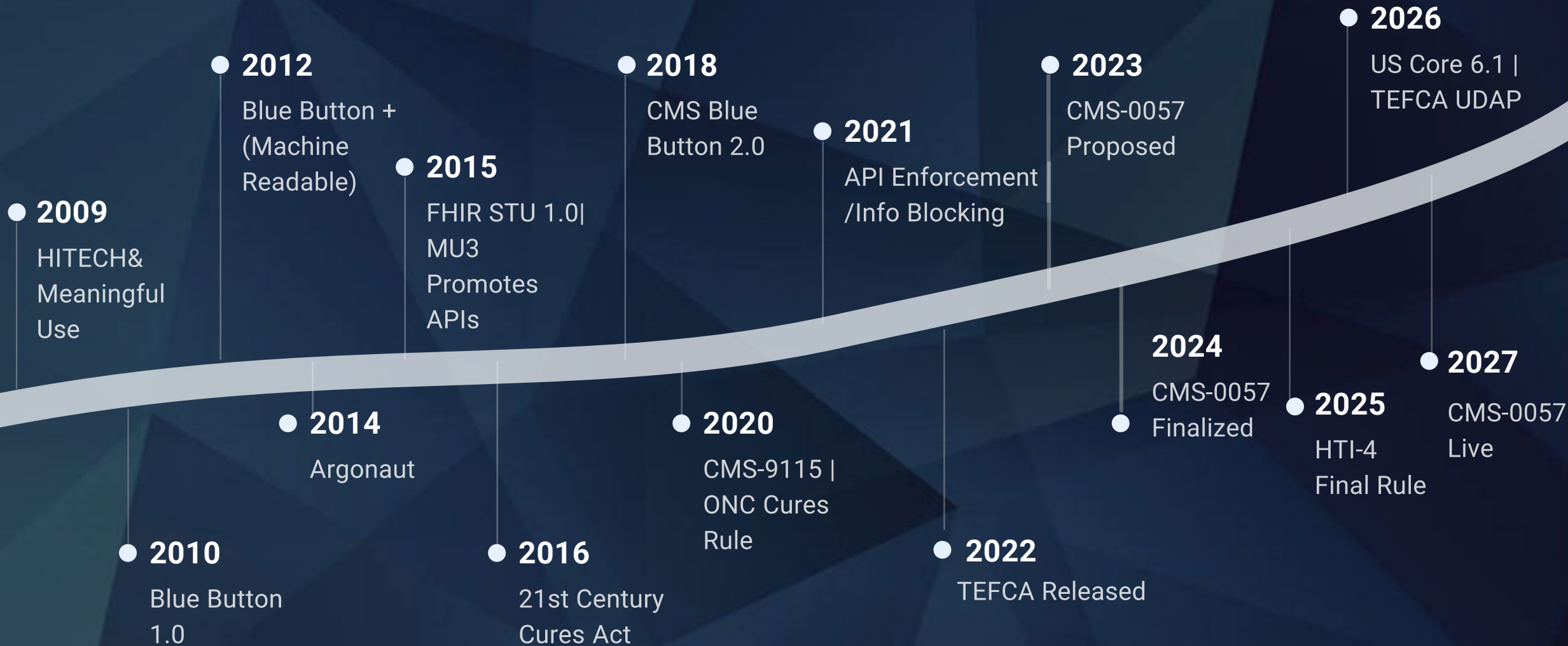
# Billions Invested...

And we still have the waiting  
room memory test.

## Would you pass?



# Breaking Down Barriers Since 2009



# Breaking Down Barriers Since 2009



Image courtesy b.well

HL7 V2

CCD

US Core FHIR



# Insights

# Information

# Data



- Patient Access
- Provider Access
- Payer-to-Payer

onyx

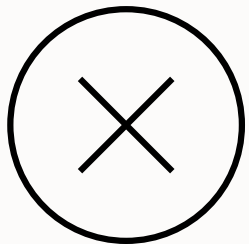
# The Patient Experience Gap



...Can I access my data?

...Why do you make it so hard?

...Why won't my doctor trust my data?



We have the data,  
we're just not putting it to use



27 portals is not the answer!

# The data inversion is here. Who has the most data?



# Our Phone is our Insurance Card & the Gateway to Interoperability



**CMS.gov**

CMS can incentivize the use of Digital over Physical cards.

The industry can do the rest.



# Thank you

Mark Scrimshire, Onyx

[Mark.Scrimshire@onyxhealth.io](mailto:Mark.Scrimshire@onyxhealth.io)

## *Session 1: Improving Data Infrastructure to Empower Patients and Providers*

**Kristen Valdes**

Founder and Chief Executive Officer,  
b.well Connected Health



# Secure, Seamless, and Modern: Patient Access in the Era of Digital Health





## **Kristen Valdes**

CEO of b.well Connected Health

Healthcare Data & Interoperability  
Industry Expert, and Board Member  
of the CARIN Alliance

The healthcare **fragmentation crisis** that is blocking consumer access, trust, and outcomes.



VS



# Regulatory history of patient medical record access

**HIPAA**  
Established patient rights to access their medical records

1996

**HITECH**  
EHR Incentive Program  
  
Established health breach notification for PHRs

2009

**HIPAA Rule Updates**  
  
Expanded right of access  
  
Added Security Rule for ePHI

2013

**Meaningful Use Stage 2**  
  
Electronic patient access

2014

**MACRA**  
  
Medicare Quality Payment Program  
  
Added electronic patient access as a performance measure

2015

**21st Century Cures Act**  
  
Information blocking  
  
Promoting Interoperability

2016

**Promoting Interop Rules**  
  
FHIR API spec for patient access (OAuth)  
  
Information blocking  
  
Mandates for EHR vendors and CMS payers

2019

**Medicare Blue Button 2.0 API**  
  
API-based patient access to claims data

**Individual Access on TEFCA (specs)**  
  
Federated Digital ID  
  
Network queries  
  
Document-based exchange

2023

**TEFCA (live)**  
  
Individual Access  
  
Federated Digital ID

2025

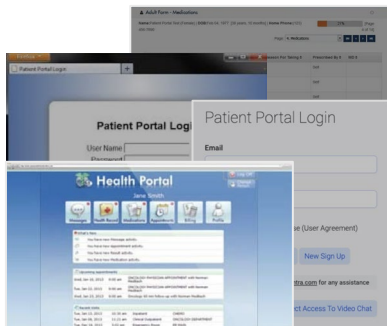
**CMS Digital Health Ecosystem**  
  
CMS aligned networks  
  
Federated ID  
  
Patient-based sharing

**CMS Health Tech Ecosystem RFI**  
  
Patient access & experience

# The evolution of patient access



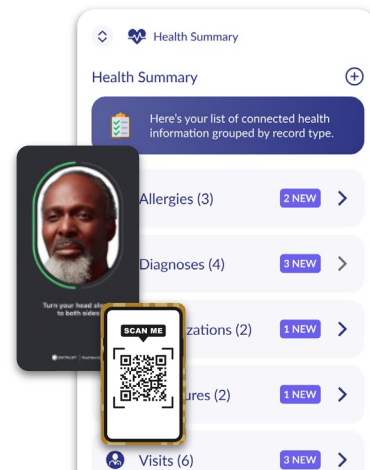
Fill out paper forms for  
paper records



Electronic data access,  
through many different  
portals



Electronic data access  
from different portals,  
through patient's chosen  
app

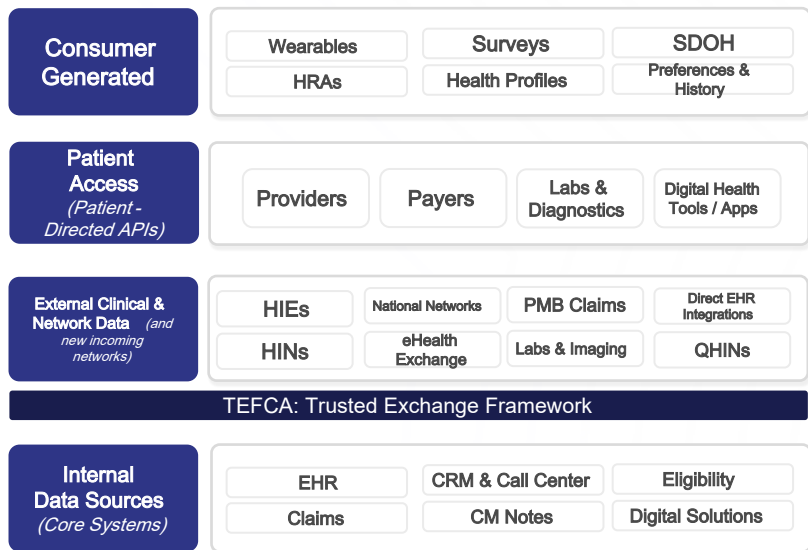


Locate and access records  
from different portals,  
through a single app, with  
a federated identity,  
open up consumer-  
controlled portability

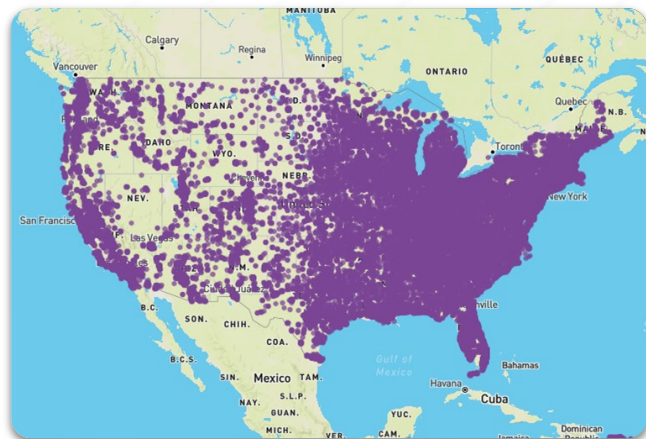
Then

Now

# Current state of healthcare data exchange



b.well Patient Access API Coverage  
(2.1M providers & over 330 health plans)





## Did you know?

More than **75% of patients who want to access their data**, abandon portals at the credential-checkpoint, losing access to critical insights, care coordination, and continuity.



# Portalitis

noun | pronounced por -tē -tīs

## Definition

A digital health experience condition marked by excessive fragmentation and access friction, caused when patients must navigate multiple standalone portals to access their health information.

## Symptoms

- Repeated logins and forgotten passwords
- Complex multi-factor authentication flows
- Session timeouts and expired tokens
- Loss of access when care relationships change (e.g., aging out of pediatric care)
- Caregiver or proxy access complications



# Identity Management in Healthcare



**Then**



**Now**

# What does **modern** digital identity management mean?

**Identity Assurance Level 2 (IAL2):** A NIST-defined standard requiring document verification + evidence of ownership

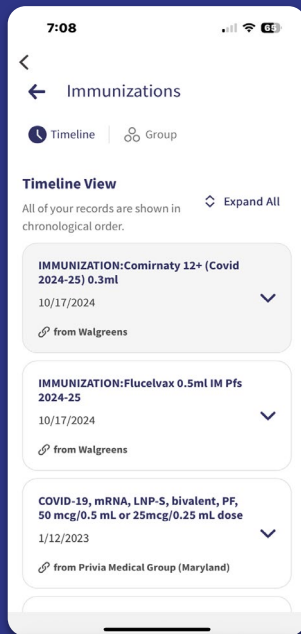
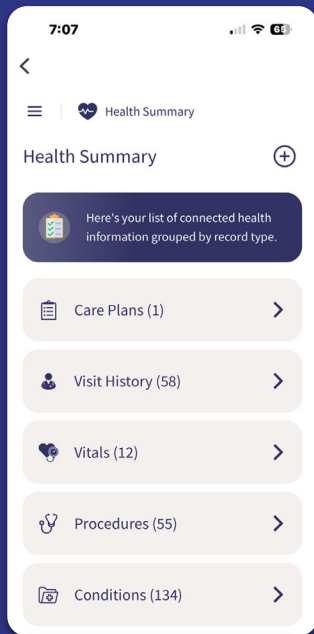
**Balance of security & usability:** IAL2 delivers “*high confidence someone is who they say they are*” without requiring in-person checks

## How it works:

- Scan government ID (e.g., driver's license)
- Capture live selfie for biometric match
- Confirm phone/ device belongs to user
- Optionally validate ID with issuing authority



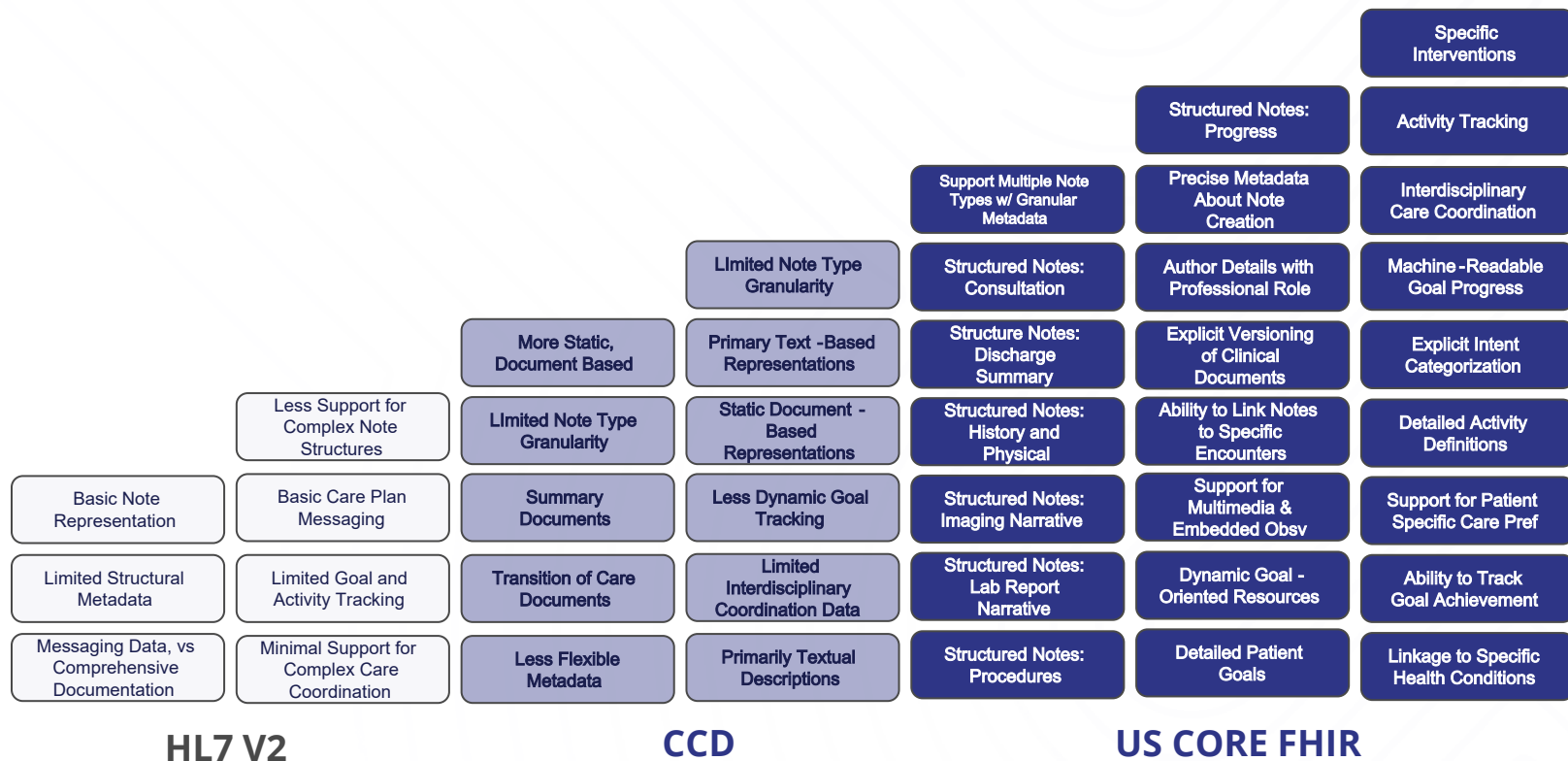
# The Longitudinal Health Record



## BREAKING NEWS: CMS-Aligned Network

- Patient not required to use portal credentials
- Record location services
- FHIR meeting USCoreV3
- Patient consent preferences
- Surface patient appointments & other encounters

# Substantially greater & richer data with the move to FHIR



# 60 companies take the pledge to be LIVE in 2025

Data Networks						
Health Systems and Providers						
						
Apps - Conversational AI						
						
Apps - Diabetes and Obesity						
						
Apps - Kill the Clipboard						
						
Payers						

## Consumer directed-portability of their health data is here now





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Executive Director, Enterprise Health Care Management,  
Health Care Service Corporation

# Physician-Focused Payment Model Technical Advisory Committee

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**Ami Parekh, MD, JD**

Chief Health Officer,  
Included Health



# PTAC Public Meeting:

*Improving Data Infrastructure  
to Empower Patients and  
Providers*

September 8, 2025



**Ami Parekh, MD, JD** *she/her*

## Chief Health Officer at Included Health

Dr. Parekh leads the clinical vision and strategy for Included Health, focusing on client value and improved member health outcomes. She oversees the Health Strategy and Insights Team, encompassing Analytics and Actuarial, Provider Strategy and Relations, Clinical Strategy & Outcomes Research, Clinical Market Initiatives, and Public Policy.

**Background:** Formerly Chief Medical Officer for Population Health and Clinical Integration at UCSF Health, with experience at McKinsey.

**Board Member:** A current board member for Blue Cross Blue Shield of Massachusetts and The Doctors Company.

**Education & Residency:** Holds degrees from Yale Medical School and Yale Law School, and completed her Internal Medicine Residency at Harvard's Brigham and Women's Hospital.

**Recognized Industry Leader:** Honored with multiple accolades, including Becker's Hospital Review 32 Chief Population Health Officers to Know, SF Business Times Most Influential Women in Business, and Fierce Healthcare's Women of Influence.



# Included Health is personalized all-in-one healthcare



"Why is this bill so high?"



"My eczema makes me uncomfortable"



"My child came home from school sick"



"It's so hard to find a PCP with availability"



"I want to see a therapist who understands *me*"



"My wife has cancer and I'm overwhelmed"

## All-Included Care™

### Navigation and Advocacy

Navigation

Core

Enhanced

Premium

Pharmacy

Communities

### Care Clinic

Primary Care

Urgent Care and Behavioral Health

Specialty Care

EMO

Cancer



The Included Care Clinic employs **1,300+ clinicians** and taps into a **network of 4,000+ specialists** for expert medical opinions

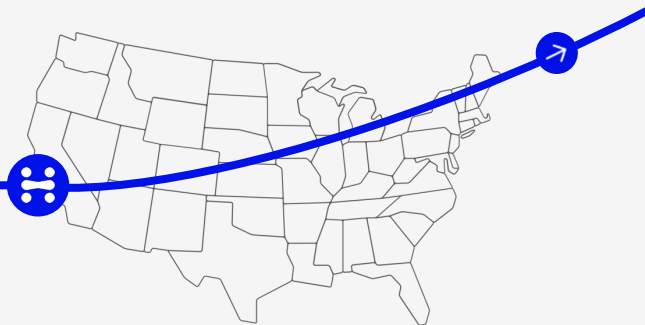


# Who does Included Health serve?

Trusted by ~300 group purchasers and health plans  
Including one-third of the Fortune 100



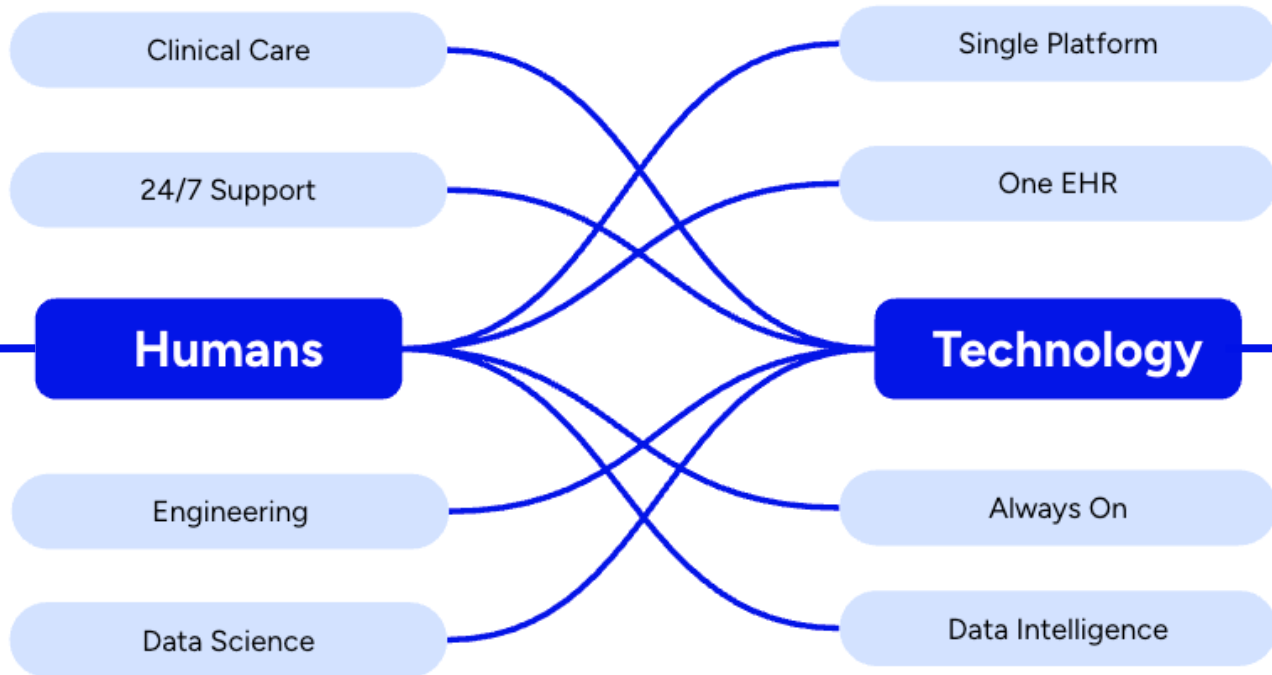
Supporting tens of millions across employer, health plan, public sector & consumer channels





*A focused  
approach to  
data to drive  
outcomes:*

**Integration  
is the  
innovation**





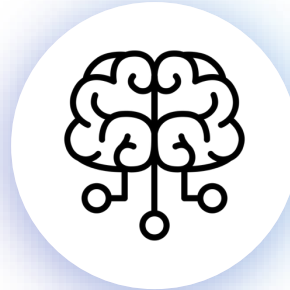
# Integrating wide range of data sources to improve care

## Claims Data

Claims Data  
Clearinghouses

Commercial Health  
Plans & Employers

Medicare Data



## POWER

Our data hub combines  
**over 10 billion data points**  
to provide intelligence for use  
in both our member-facing and clinical-  
facing applications.

## Additional Data Sources

Biometric & Labs Data

Member Usage Data\*

Licensure & Sanctions

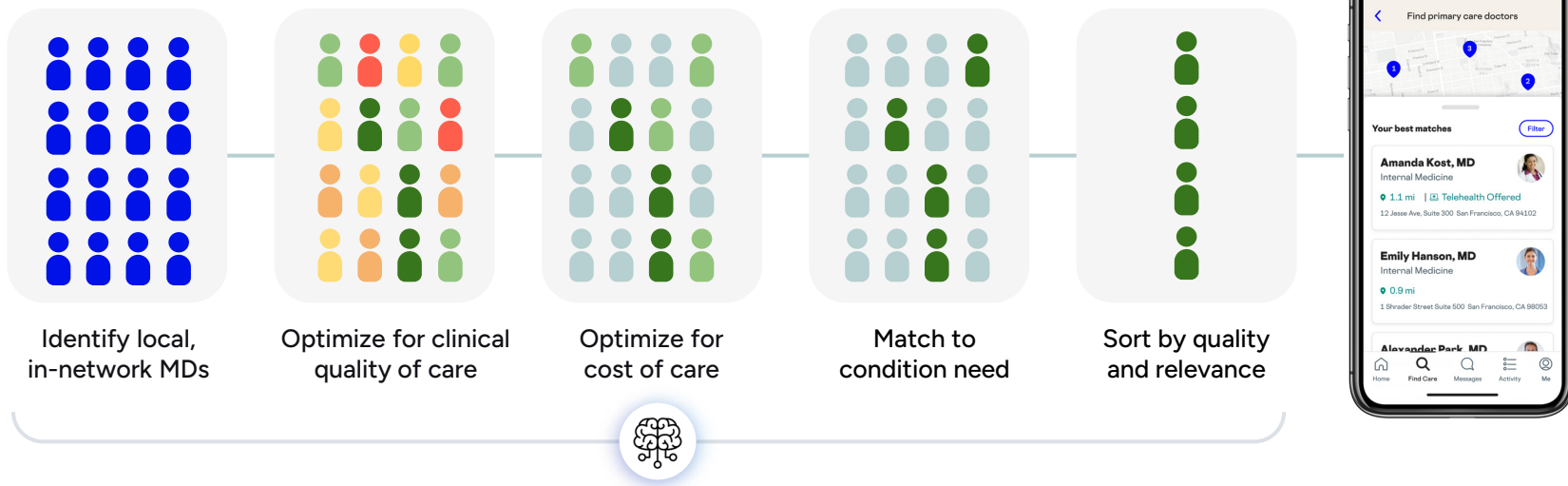
Board Certifications

Provider Directory

Additional Outcomes &  
Included Health Data

\* Proprietary

# Driving members to high-quality clinicians



**Externally-Validated  
Approach**

**96%**  
of physicians in  
U.S. mapped to  
quality measures

**92%**  
increase in visits  
to top quartile  
providers

**2.7M+**  
people who have gained  
access to high-quality  
providers since 2014



# Our approach differs fundamentally vs. other platforms

Personalized results guide members to the right sub-specialists for their unique needs

## Members with neurology needs



42 year old female just suffered her second stroke



Dr. Kendall Griffin  
**Vascular Neurologist**

## Other platforms

Dr. Frank Odenburg  
**General Neurologist**



61-year-old male newly diagnosed with Parkinson's



Dr. Lucas Garcia  
**Movement Disorder Specialist**

Dr. Timothy Snell  
**General Neurologist**



34 year old male discovered he has multiple sclerosis (MS)



Dr. Mary Colvin  
**MS Specialist**

Dr. Donata Henderson  
**General Neurologist**



# Leveraging Healthy Days to measure value at scale



A simple, validated survey used by the CDC and CMS



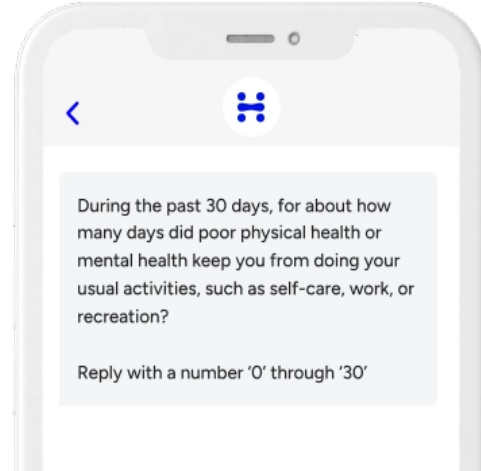
Part of our standard Navigation engagement strategy



Identifies opportunities for clinical intervention



Allows members to self-reflect on their own wellness needs and goals



## 40%

Of pilot population accepted offer to connect with a clinician for support

## 2 days

Average increase in Healthy Days per month for clinically engaged members

### Predictive

Responses strongly predictive of future spend & capture risk that is not reflected in claims data

### Patient-centered

Reflects how people feel about their health and how their health impacts their day-to-day life



# Fueling engagement with centralized health history

## Broad awareness

ID card placement, leader endorsement, marketing, and webinars **drive new utilization**

## Proactive outreach

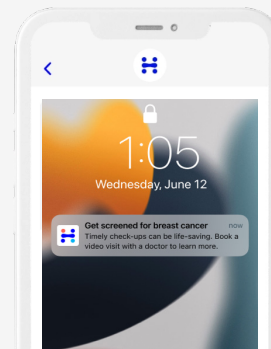
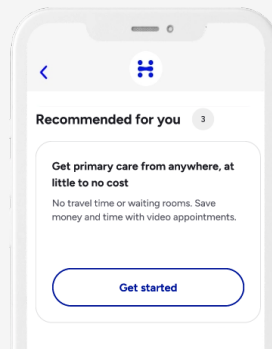
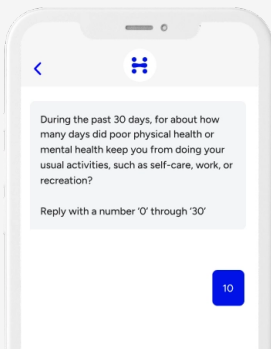
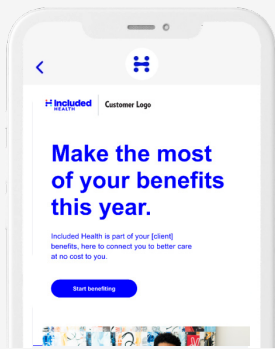
Targeted emails and predictive SMS outreach to collect Healthy Days data **enable clinical connections**

## Care team plus tech

**Insights empower our teams** to seamlessly guide members to care, while **home screen nudges increase clinical starts**

## Re-engagement

Consistently high-quality experiences and timely, personalized **push notifications** help **drive repeat engagement**



A **people-centered, AI-powered approach** can engage new users, build trust, fuel high-quality interactions, and drive meaningful engagement



# Data barriers and key takeaways



## Data Access & Infrastructure

Data barriers and blockers across some incumbent players (PBMs, Health Insurers)



## PRO Standardization

Lacking industry-wide definitions and data standardization to collect and action on PROs



## Entity Resolution

Need a modern framework to enable high-quality integrated care while protecting patient privacy