

DA VINCI PROGRESS UPDATE

November 2018

WHAT IS THE DA VINCI PROJECT AND WHAT ARE ITS GOALS?

Some are familiar with the Da Vinci project and some have only heard about it recently since formally announced in September 2018. To level set on the key details:

- Private sector initiative of industry leaders and health IT technical experts
- Participants work together to accelerate the adoption of HL7® FHIR® as the standard to support and integrate value-based care (VBC) data exchange
- Reduce provider burden and payer complexity from ad hoc design and implementation of data exchange with an industry-wide common design with modern technology

The goal of the Da Vinci Project is to help payers and providers positively impact clinical, quality, cost and care management outcomes.

The payers, health systems, and other industry participants that are actively involved in the Da Vinci Project identify and prioritize use cases that involve managing and sharing clinical and administrative data between industry partners.

Since Da Vinci is an HL7 International supported initiative, new and revised requirements can become open industry standards.

HOW TO GET INVOLVED

Da Vinci members are looking for provider and payer organizations that want to test and implement the artifacts for our use cases. Please contact the program team (davincipmo@pocp.com) if you are interested.

To be a more informed participant, see HL7.org/davinci or subscribe to the public Da Vinci listserv at <http://www.hl7.org/about/davinci/index.cfm?ref=common>.

The Da Vinci Steering Committee represents all the major stakeholder groups, including commercial payers, providers, HIT vendors, CMS, and HL7. It approves Da Vinci Project use cases, contracts and monitors their progress. In September 2018 we welcomed two new members to complete our project leadership; Dr. Lane and Mike Funk.


- Sagan Moodley, (Cambia Health)
Chair (UnitedHealthcare)
- Hans Buitendijk, (Sutter Health)
Vice-Chair (Cerner)
- Peter DeVault (Epic)
- Shafiq Rab, MD (Rush Medical Center)
- Kirk Anderson
- Steven Lane, MD
- Mike Funk (Humana)
- Melanie Combs-Dyer (CMS)
- W. Edward Hammond, PhD (HL7)

Elections for 2019 Steering Committee members will commence in February 2019.

USE CASE REVIEW/UPDATE

Use Case	Scenario	Stage					Status
		Design	Build	Publish	Implement	Committed Adopters	
Coverage Requirements Discovery		STU1 Done	STU1 Done	Q4 '18	Q418	CMS	Draft Standard
Data Exchange Quality Measures	30 Day Med Rec	STU1 Done	STU1 Done	Q4 '18	Planning	Planning	Draft Standard
	Add'l Measures	In Process	Q119	Q2 '19	Planning	Planning	Approved Q3218
Document Templates & Rules (DTR)		In Process	In Process	Q2 '19	Q219	CMS	Approved Q218
eHealth Clinical Data Exchange (eHRx)	Provider Data	In Process	Q119	Q2 '19	Planning	Planning	Approved Q3218
	Payer Data	In Process	Q119	Q2 '19	Planning	Planning	

 Execution of original plan

 Expanded scope due to additional funding and successful execution

2019 Prework

Authorization Support

Gaps in Care Exchange

Encounter Notifications

Risk Based Contract Attribution

ARCHITECTURE UPDATE

Adopt Standards

Adoption of existing and emerging standards with broad support to create viable solution for Da Vinci goals, particularly:

- FHIR as the core
- NCQA HEDIS
- CDS Hooks
- SMART on FHIR—layering in OAuth security

Leverage the work of others:

- Support existing FHIR versions
- Adopt existing profiles where possible e.g., Argonaut, US-Core, QI-Core

Build Using the Best Tools

- Aegis Touchstone for test environment
- HSPC Sandbox environment to create and support reference implementations
- Lantana Trifolia to create implementation guides

Design Frameworks

- Data Exchange for Quality Measures framework.
- Coverage Requirements Discovery
- Documentation Templates and Rules

Create Reproducible Processes

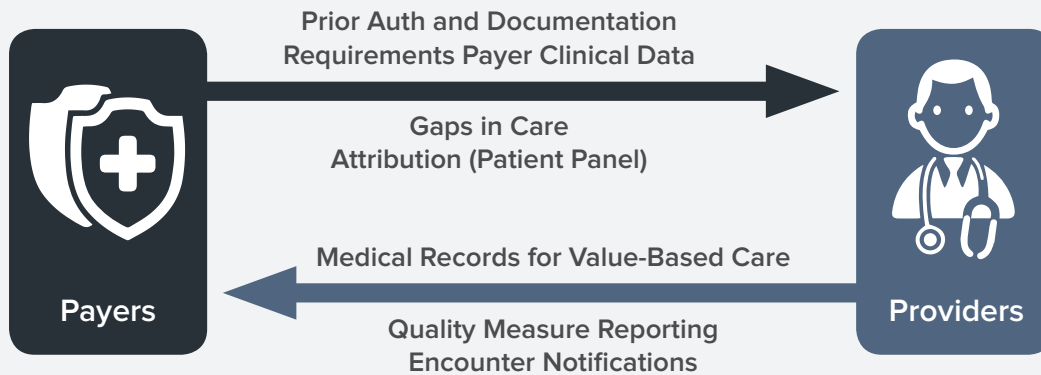
Collaborative use case discovery and development focused on payer/provider workflows and information requirements yielding:

- Quality, balloted implementation guides
- Reference implementations to support sandbox testing
- Test scripts and process
- Deliver balloted standards ready for testing and adoption

Build Using the Best People

Continue to use FHIR experts to design and build the standard implementation guide templates and processes.

In Less Than Two Years, Da Vinci Efforts Will Drive Standards for the Exchange of Information Critical to Patient Care



DA VINCI AS AN INDUSTRY DRIVEN INITIATIVE

Create as Sustainable Presence and Model

1. Create symbiotic relationship with ONC and their P2 FHIR Task Force
2. Established partnerships with NCQA and HIMSS
3. Press release and communication framework to keep industry informed
4. Emerging presence across industry events to demonstrate Da Vinci outputs
5. Produce artifacts that are open source and generally available to public

PLAN FOR 2019

Build on the Success Demonstrated In 2018

- Da Vinci has completed and balloted 2 implementation guides, DEQM and CRD, and created and tested the corresponding reference implementations
- We have started two new use cases (DTR and eHRx) that will produce up to four balloted implementation guides in May of 2019

In 2019, We Plan To:

1. Actively bring Da Vinci use cases and draft implementation guides to HL7 Connectathons and virtual connectathons.
2. Continue to test, pilot, and refine our first two use cases to improve the draft implementation guides.
3. Complete the work we have started on DTR and eHRx with a goal to bring draft implementation guides to ballot in May of 2019.
4. Begin initial draft standards on four new use cases:
 - a. Prior Authorization Support
 - b. Computable Gaps in Care
 - c. Encounter Notifications
 - d. Attribution of members to providers

To stay up-to-date on Da Vinci, sign up for our newsletter at <http://www.hl7.org/about/davinci/index.cfm>

To join the Da Vinci community, sign up and follow this page: <https://confluence.hl7.org/display/DVP>

MEMBERSHIP *(in order of payment)*

Organization	Level
Anthem Blue Cross and Blue Shield	Premier
Blue Cross Blue Shield Association	Premier
Blue Cross of Idaho	Premier
Cambia Health	Premier
Optum	Premier
United Healthcare	Premier
Allscripts	Associate
Cerner	Associate
Epic	Associate
Humana	Associate
CMS Fee for Service	Charter
Health Level Seven International	Charter
Blue Cross Blue Shield of Tennessee	Sponsor
Cigna	Sponsor
HCSC	Sponsor
InterSystems	Sponsor
Rush University Medical Center	Sponsor
Surescripts	Sponsor
Sutter Health	Sponsored
Blue Cross and Blue Shield of Alabama	Member
Casenet	Member
Cognosante	Member
Edifecs	Member
HealthLX	Member
Independence Blue Cross	Member
Juxly	Member
ZeOmega	Member

Where to Find Da Vinci in 2019

	2018	Q1	Q2	Q3	Q4
Presentations	Over 20	In Active Planning			
Payer/VBC Summit	1	HL7	Dev4Health	TBD	ONC
Connectathons	1	HL7	Dev4Health	HL7	ONC
Virtual Connectathons	2	Feb	Apr	July	Oct
FHIR Training Sessions	4	2	2	2	2
Partnerships	2	4-6			