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

The Da Vinci Project was founded in 2018 by a group of industry leaders focused on payers/provider collaboration needed to identify and enable information exchange to positively impact clinical, quality, cost and care management outcomes. Our members and stakeholders work together to accelerate the adoption of HL7 Fast Healthcare Interoperability Resources (HL7® FHIR®) as the standard to support and integrate value-based care (VBC) data exchange across communities. VBC programs enable providers to see the right data at the right time for specific patient coverage, benefits and care coordination.

The project:
- Focuses on use cases linked to high volume, manual activities that would benefit from automation
- Unlocks data using consistent APIs to empower organizations to achieve transformation to improve outcomes and value
- Identifies how and where in workflows critical data for VBC is exposed and captured across partners: care teams, vendors and payers
- Positions organizations for success by defining FHIR implementation guides to power and fulfill VBC contract data requirements
- Minimizes the development and deployment of unique solutions between trading partners (e.g. a payer and provider)

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. Visit HL7.me/davinci to learn more.

Visit HL7.org/events/da-vinci/2019/12/ to register.

2019 IMPLEMENTATION GUIDE SCHEDULE

<table>
<thead>
<tr>
<th>Use Case Status</th>
<th>In Ballot Reconciliation</th>
<th>Early February or February 2020 Ballot</th>
<th>In Build</th>
<th>In Discovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Exchange for Quality Measures</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverage Requirements Discovery</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Documentation Templates and Coverage Rules</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Record Exchange Framework / Library</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Data Exchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prior-Authorization Support</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer Data Exchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer Coverage Decision Exchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer Data Exchange: Formulary</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project Process

1. Define requirements:
   - Clinical
   - Business
   - Technical
   - Testing
2. Create Implementation Guide (IG)
3. Create and test Reference Implementation (RI) (prove the IG works)
4. Pilot the solution
5. Deploy the solution

Visit confluence.HL7.org/display/DVP to stay up-to-date on the use case statuses.
**IG PROGRESS TRACKER**

<table>
<thead>
<tr>
<th>Implementation Guide</th>
<th>IG Status</th>
<th>RI Live</th>
<th>Number of Connectathons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Improvement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Exchange for Quality Measures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gaps in Care &amp; Information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burden Reduction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverage Requirements Discovery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Documentation Templates and Payer Rules</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prior Authorization Support</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member Access</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Record Exchange Framework (HRex)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Data Exchange (CDex)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer Data Exchange (PDex)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer Data Exchange (PDex): Formulary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer Data Exchange (PDex): Plan Network Directory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payer - Payer Coverage Decision Exchange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patient Cost Transparency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Data Exchange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alerts: Notification (ADT), Transitions in Care, ER admit/discharge</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Health Record Exchange: Patient Data Exchange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Record Exchange: Patient Data Exchange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Performing Laboratory Reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Process Improvement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Risk Based Contract Member Identification</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronic Illness Documentation for Risk Adjustment</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**KEY**
- Planning
- Build
- STU1 Ballot Reconciliation > Publish
- STU2 Ballot Reconciliation > Publish
- Not Meaningful / Foundational IG

**KEY PROJECT MILESTONES**

**2019 Accomplishments**

**Implementation Guide (IG) Build Out Process**
- Progressed 13 use cases through HL7 ballot process
- Held two Da Vinci Connectathons and Working Session Meetings and three HL7 Connectathons

**Progressed Da Vinci Awareness in Industry**
- In February at HIMSS19 demonstrated initial three Da Vinci implementation guides
  - 14 members and partners
  - 23 Presentations to over 500 attendees
- PMO and members brought Da Vinci updates to over 50 different associations, conference and meetings
- Delivered relevant updates and held open meetings at HL7 work group meetings
- Da Vinci use cases called out by name in February CMS NPRM
- Held three HL7 sponsored webinars

**Members & Public**
- Established and held open community calls for members to share learning and best practices

**Ensure Industry Input into Progress**
- Established Clinical Advisory Council
- Created deployment category of membership
- Grew membership from 28 to 42 members
- Eight of new members are provider organizations
  - AMA Medical Group
  - Cedars-Sinai
  - Children’s Health
  - MultiCare Connected Care
  - Oregon Health & Science University (OHSU)
  - Providence St. Joseph Health
  - Texas Health Resources
  - Weill Cornell Medicine
- All active use cases calls are public for anyone in industry to attend

**In 2020, We Plan To:**
- Continue to publish/progress implementation guides
  - Two draft standard for trial use – STU 2
  - 11 draft standard for trial use – STU 1
- Da Vinci booth presence at HIMSS20 with over a dozen members and partners
- Target relevant industry events for presentations
- Initiate 2-3 new use cases
- Share initial outputs from Clinical Advisory Council
- Provide members with the right tooling for implementation
- Track and support initial pilots and early adopters of Da Vinci IGs
- Hold and support three or more connectathon events, stand alone and with HL7
- Grow deployment members and tools
### MEMBERS

**Premier Members**

- Anthem
- BlueCross BlueShield Association
- Blue Cross Blue Care Network of Michigan
- CAMBIA
- Cigna
- OPTUM
- UnitedHealthcare

**Associate Members**

- Allscripts
- athenahealth
- Blue Cross of Idaho
- Blue Cross of Louisiana
- Cerner
- Epic
- GuideWell
- healow Insights
- Humana

**Sponsors**

- CMS
- HCSC International
- HL7 International
- InterSystems
- RUSH
- surescripts

**Members**

- BlueCross BlueShield of Alabama
- casenet
- cognosante
- edifecs
- HealthLX
- Independence
- juxly
- Providence St. Joseph Health
- zeomega

**Sponsored Members**

- CEDARS-SINAI
- MultiCare Connected Care
- OHSU
- Sutter Health
- Weill Cornell Medicine

**Contributors**

- YAMA Medical Group
- Texas Health Resources
- UNC Health Care

**Partners**

- HIMSS
- NCQA

**Deployment Partner**

- MiHIN

---

 Indicates a founding member of the Da Vinci Project.

For current membership, visit HL7.org/about/davinci/members.cfm