This year, the Health Level Seven® (HL7®) International Da Vinci Project entered its fifth year after celebrating the ten-year milestone of the HL7 Fast Healthcare Interoperability Resources (FHIR®). With a purpose to accelerate the adoption of HL7 FHIR as the standard to support and integrate value-based care (VBC) data exchange, the project has progressed:

- HL7 Da Vinci has grown to 55 organizational members who have driven the identification of use cases and the creation and testing of Implementation Guides to solve interoperability challenges
- Interoperability standards adoption and implementation remain the project’s focus and reinforce the transformational power of multi-stakeholder collaboration
- Hundreds of early adopters and guides are being built into product roadmaps
- Dozens of pilots and go lives are occurring across the community with PDex suite, Burden Reduction and Quality
- Two new use cases were introduced in 2021, driving discussion on the use of APIs/FHIR in Patient Cost Transparency and Risk Adjustment

**Da Vinci Use Cases and Implementation Guides Are Maturing:**

- Clinical Data Exchange (CDex) shares provider-generated clinical data with payers or other industry partners, supports automated requests and responses for clinical data
- In January 2022, two new IGs, Risk Adjustment and Patient Cost Transparency (PCT), went to ballot for the first time and are actively being tested at Connectathons
- Several others will progress towards STU2 phase in 2022. Member Attribution PDex, Formulary, Plan Net, Coverage Requirements, Documents, Templates and Rules (DTR), Prior Authorization Support (PAS). Additional value-based care use cases are under evaluation for 2022

**Da Vinci’s Impact on the Federal Landscape Continues:**

Da Vinci IGs are helping organizations meet the goals of the Patient Access API rules, which have driven the next wave of interoperability starting in July 2021. The HL7 guides that help meet the requirements include Payer Data Exchange (PDex), PDex Formulary, PDex Plan Net, the CARIN Consumer Directed Payer Data Exchange IG (also referred to as the CARIN IG for Blue Button®), and HL7 US Core IG.
### DA VINCI IN ACTION

<table>
<thead>
<tr>
<th>QUALITY</th>
<th>BURDEN REDUCTION</th>
<th>MEMBER ACCESS AND/OR CLINICAL DATA EXCHANGE</th>
<th>PROCESS IMPROVEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Exchange for Quality Measures</td>
<td>Gaps in Care &amp; Information</td>
<td>Coverage Requirements Discovery</td>
<td>Documentation Templates and Payer Rules</td>
</tr>
<tr>
<td>PA Support</td>
<td>Clinical Data Exchange</td>
<td>Payer Data Exchange</td>
<td>Formulary</td>
</tr>
<tr>
<td>Directory</td>
<td>Notifications</td>
<td>Member Attribution</td>
<td></td>
</tr>
</tbody>
</table>

- **Anthem**
- **athenahealth**
- **Availity**
- **Blue Cross and Blue Shield of Alabama**
- **Blue Cross and Blue Shield of Idaho**
- **Blue Cross Blue Shield of Michigan**
- **Blue Cross Blue Shield of Tennessee**
- **Cambia Health Solutions**
- **Cedars-Sinai**
- **Cerner**
- **Change Healthcare**
- **Cigna**
- **CMS**
- **Edifecs**
- **Epic**
- **GuideWell**
- **HCA Healthcare**
- **Healow Insights**
- **Humana**
- **Independence BC**
- **InterSystems**
- **MCG Health**
- **MiHIN**
- **MultiCare**
- **OHSU**
- **Optum**
- **Providence**
- **Sutter Health**
- **Surescripts**
- **United Healthcare**
- **UC Davis**
- **Veradigm**
- **ZeOmega**

*®HL7, FHIR and the FHIR [FLAME DESIGN] are registered trademarks of Health Level Seven International, registered with the United States Patent and Trademark Office.*