



X12 and the HL7® Da Vinci Project Collaborate to Advance Interoperability

Ann Arbor, Mich.— March 8, 2021 — X12 and the Health Level Seven® International (HL7®) Da Vinci Project are working to improve health information data exchange by collaborating to ensure the health care industry has definitive crosswalks connecting the data in HL7 Fast Healthcare Interoperability Resources (FHIR®) transactions and the data in the associated EDI Standard transactions. Both American National Standards Institute (ANSI)-accredited standards development organizations, which convene industry to develop data exchange standards and specifications, are pleased to announce the availability of the first interoperability crosswalks.

A crosswalk is a document mapping the relationships between different data sets that enable reliable translation across standards.

This initial crosswalk activity focuses on the Da Vinci Project's Prior Authorization Support Implementation Guide (PAS). PAS provides a format for creating FHIR-based messages that, among other things, contain the data necessary in X12's transactions, and the crosswalks contain the specific instructions necessary for implementers to have a common, semantic mapping between the two standards transactions on a data field by data field basis.

"Collaboration is now where we start, not where we end, as noted by our crosswalks with X12 to meet industry needs for prior authorization automation. HL7 and X12 members are advancing interoperability and leaning into the intersection of clinical and administrative data with modern technology. By providing complementary standards to existing X12 standards, the HL7 Da Vinci Project's FHIR-based Prior Authorization Support Implementation Guide offers additional options to create efficiencies and reduce abrasion for providers, payers and their partners," said HL7 CEO Charles Jaffe, MD, PhD.

X12's Executive Director, Cathy Sheppard, agreed: "Pairing emerging and proven technologies in new ways presents opportunities for entities to better leverage their technology investments while meeting the needs of healthcare consumers. These crosswalks illustrate the importance of standardizing the connections between complementary standards and X12's mandated standards and will enable increased automation of existing prior authorization standards by empowering implementers to pull critical clinical information needed for prior authorization determinations in provider's primary workflows."

X12 implementation guides with crosswalking information are available in [Glass](#), X12's online viewer.

- 005010X215 The Health Care Services Review Inquiry and Response Implementation Guide (278)

- 005010X217 The Health Care Services Review Request and Response Implementation Guide (278)
- 006020X316 Additional Information to Support a Health Care Services Review (275)

X12 and the HL7 communities will continue to collaborate on activities that support the health care industry's use of these complementary syntaxes. Stakeholders interested in getting involved in active work currently underway can visit: [Da Vinci Reference to External Standards and Terminologies](#).

About Health Level Seven International (HL7)

Health Level Seven® International (HL7) is an ANSI-accredited, not-for-profit standards developing organization with the mission of empowering global health interoperability. With affiliates in over 30 countries, HL7's global membership envisions a world in which everyone can securely access and use the right data when and where they need it. Widely implemented by vendor and healthcare systems, and required by governing bodies around the world, HL7 standards deliver solutions for health information technology, including HL7® Fast Healthcare Interoperability Resources (FHIR®), Version 2 (V2) and Clinical Document Architecture (CDA®). For more information, visit HL7.org. www.HL7.org.

About the HL7 Da Vinci Project

As an HL7 FHIR Accelerator, the HL7 Da Vinci Project is a private sector initiative comprised of industry leaders and health information technology technical experts who are working together to accelerate the adoption of HL7® FHIR® as the standard to support and integrate value-based care (VBC) data exchange across communities. The Da Vinci Project focuses on minimizing the development and deployment of one-off solutions between partners with a goal to help all clinicians and health plans to better deliver clinical quality, value and care management outcomes. The core focus of phase one of the project is to deliver implementation guides and reference software implementations to the public for data exchange and workflows necessary to support providers and payers entering and managing VBC contracts and relationships.

To learn more about the HL7 Da Vinci Project and to sign up for the listserv, please visit hl7.me/davincinews.

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