

AMIA 25 By 5: Symposium to Reduce Documentation Burden on U.S. Clinicians by 75% by 2025

HL7[®] Da Vinci Project: FHIR[®] Implementation Guides to Reduce Clinician Burden

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Project Challenge

To ensure the success of the industry's shift to Value Based Care





Transform out of Controlled Chaos:

Develop *rapid multi-stakeholder* process to identify, exercise and implement initial use cases. Collaboration: Minimize the development and deployment of *unique solutions. Promote* industry wide *standards* and adoption.



Success Measures: Use of FHIR[®], implementation guides and pilot projects.



Da Vinci 2021 Multi-Stakeholder Membership



For current membership: http://www.hl7.org/about/davinci/members.cfm

	Standard Phase Connectathon Live Progress	Future Build	E Ballo 2-4 1-3	ot Published/ing 5+ >4		Use Case Maturity
Quality Improvement		Membe	r Access		Clinical Dat	a Exchange
Data Exchange for Quality Measures Gaps in Care & Information	Excl	mulary Coverage	hange e Decision	Directory Price Cost Transparency	Payer Data Exchange	Clinical Data Exchange Patient Data Exchange
Coverage Requirements Discovery Documentation Templates and Rules	Process Improvement			Performing Laboratory Reporting		
Prior-Authorization Support		isk Based Contract ember Identification	Risk Based	Coding		d CMS Rules vith final ONC ule

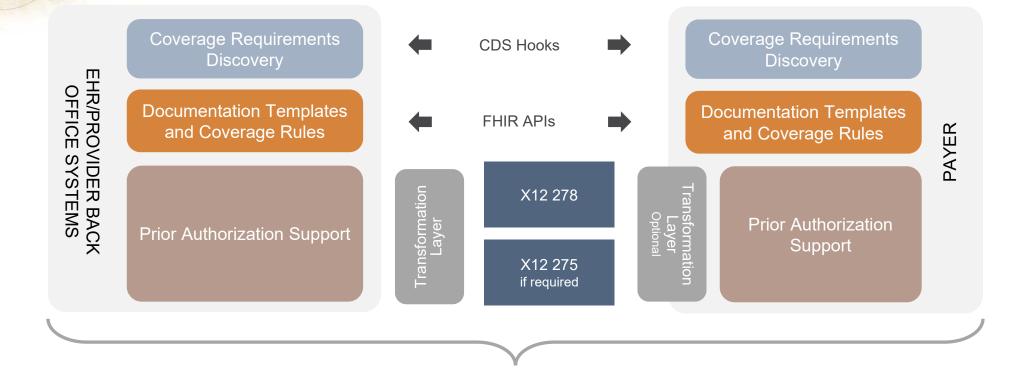


How Da Vinci Solves Business Challenges

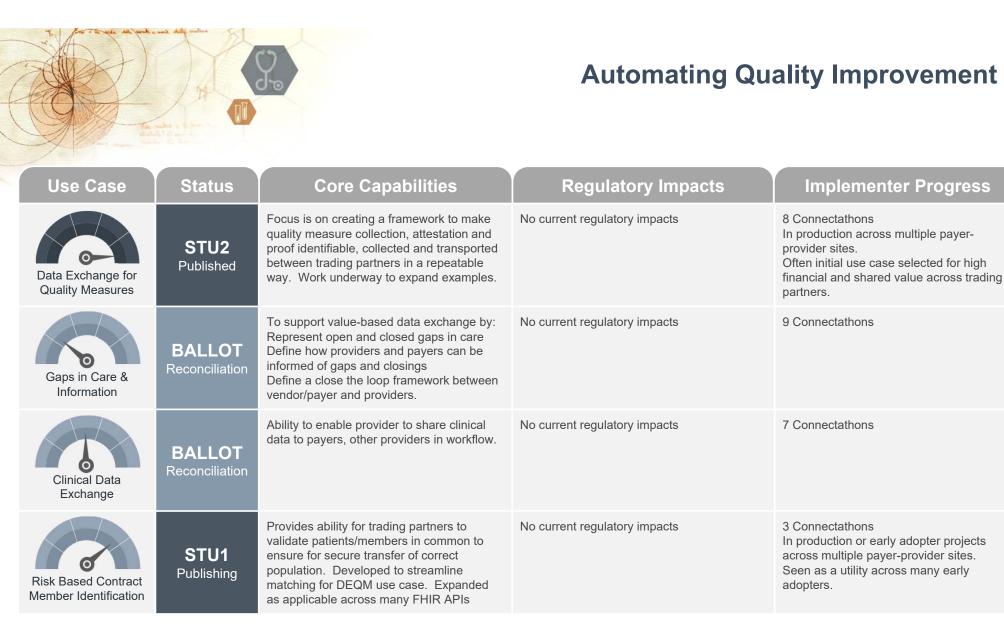
			y.	Reducing Prior Authorization Burden		
/	Use Case	Status	Core Capabilities	Regulatory Impacts	Implementer Progress	
	Coverage Requirements Discovery	STU1 Published	Enables exchange of coverage plan requirements from payers to providers at the time of treatment decisions, patient specific with a goal to increase transparency for all parties of coverage that may impact services rendered i.e., is prior authorization required, are there other predecessor steps; lab tests required, physical therapy	Named in the NPRM CMS Interoperability and Prior Authorization (CMS-9123-P) by January 1, 2023, FHIR-based DRLS API	9 Connectathons Early adopters and pilots underway	
	Documentation Templates and Rules	STU1 Published	Builds on CRD to specify how payer rules can be executed in a provider context to ensure that documentation requirements are met. Provider burden will be reduced because of reduced manual data entry, i.e., electronic questionnaires from payers, extract data to pre-populate response	Named in the NPRM CMS Interoperability and Prior Authorization (CMS-9123-P) by January 1, 2023, FHIR-based DRLS API	8 Connectathons Early adopters and pilots underway	
	Prior-Authorization Support	STU1 Published	Defines FHIR based services to enable provider, at point of service, to request authorization (including all necessary clinical information to support the request) and receive immediate authorization from Payer (incorporates HIPAA Tx standards)	Named in the NPRM CMS Interoperability and Prior Authorization (CMS-9123-P) by January 1, 2023, FHIR-based electronic Prior Authorization Support API	6 Connectathons Early adopters and pilots underway	

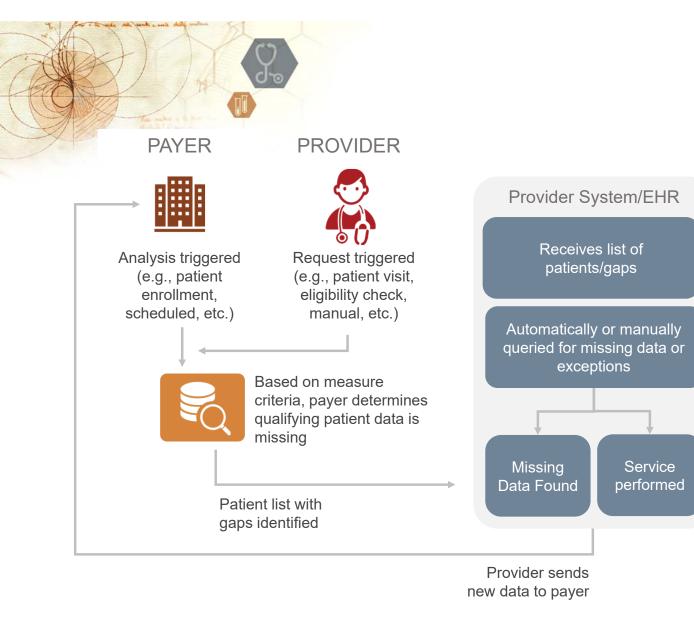
DRLS = Document Requirements Lookup Service (DRLS) is CMS' name for the combination of CRD + DTR. Notice of Proposed Rulemaking (NPRM) Press Release found <u>here</u>. Note: <u>Final</u>CMS' Interoperability and Prior Authorization Rule links are unavailable pending HHS review.

Coverage Requirements Discovery, Documentation Templates & Rules & Prior Authorization Support



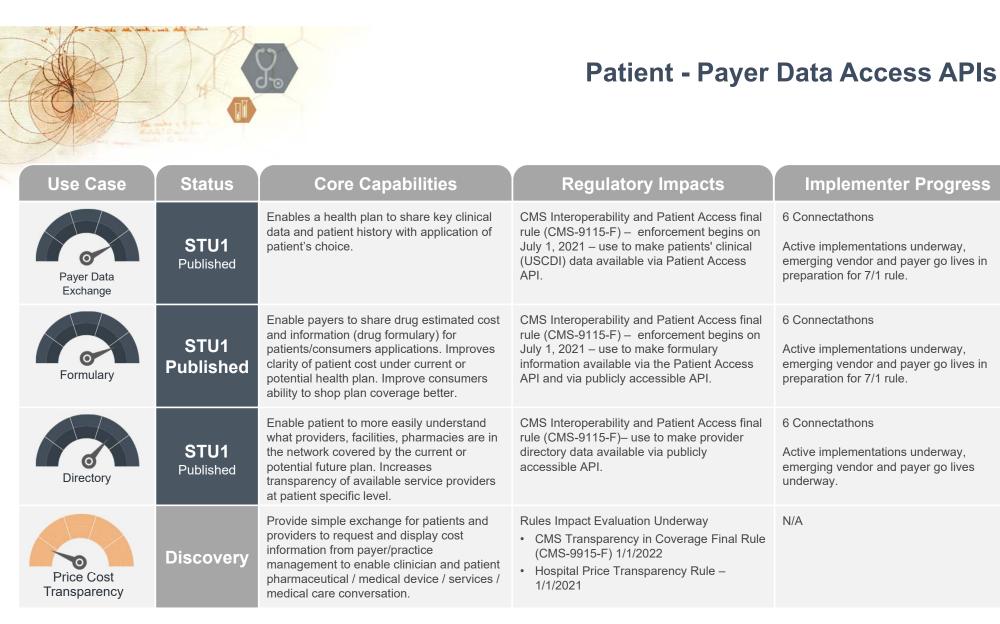
- Improve transparency
- Reduce effort for prior authorization
- · Leverage available clinical content and increase automation



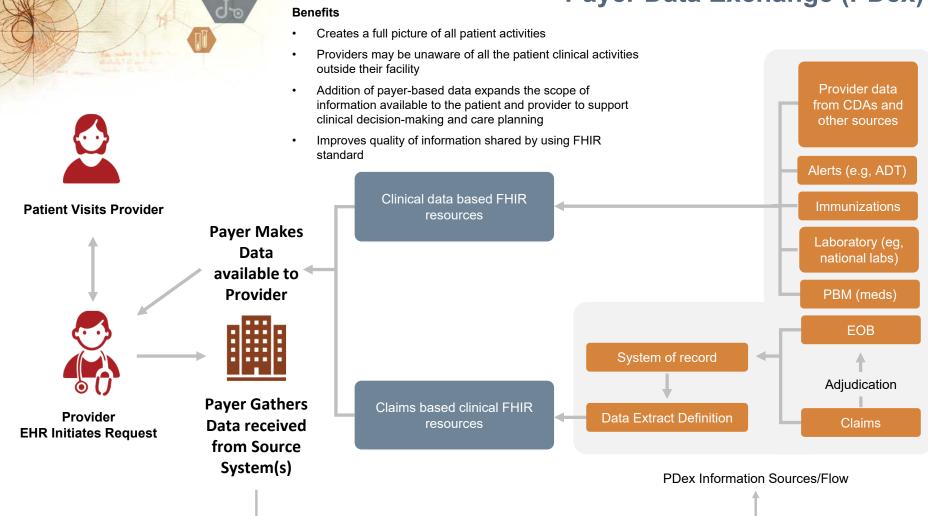


Gaps in Care

- Facilitates the exchange of gaps in care and quality measures between providers and payers
- Identifies gaps based on patient criteria and contractual agreements
- Supports the exchange of clinical data to close clinical and information gaps prospectively vs retrospectively
- Leverages the FHIR-based, quality measure framework
- Reduces manual data retrieval and cost associated with current practices
- Gets the right triggers to right end users in patient care workflow increasing probability of positive impact
- Improve quality of information shared by using FHIR standard
- Can be used for single patient or with population of patients



Payer Data Exchange (PDex)



Payer to Payer APIs

Use Case	Status	Core Capabilities	Regulatory Impacts	Implementer Progress
Payer Data Exchange	STU1 Published	Enables a health plan to share key clinical data and patient history with application of patient's choice.	Rules Impact Evaluation Underway CMS Interoperability and Patient Access final rule (CMS-9115-F) — use to make patients' clinical (USCDI) data available to new Payer, named specifically as a proposed resource in 2020 NPRM CMS-9123-P	6 Connectathons
Coverage Decision Exchange	STU1 Published	Ability for payer to share active treatment to increase continuity of care. Includes current utilization management decisions and supporting data. Focus is to reduce rework by patient and provider when patient changes coverag	Rules Impact Evaluation Underway Functionality meets requirement for January 1, 2022 initially introduced in CMS Interoperability and Patient Access final rule (CMS-9115-F) — use to make patients' clinical (USCDI) data available to new Payer, referenced as a resource in 2020 NPRM CMS-9123-P	6 Connectathons



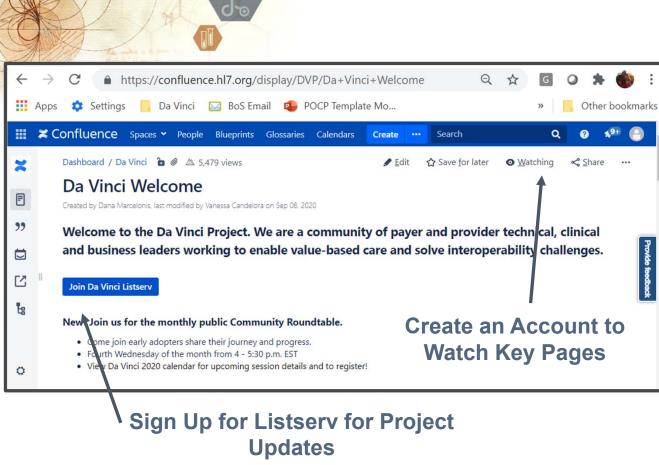
Use Case	Case Status Core Capabilities		Regulatory Impacts	Implementer Progress	
Risk Based Coding	Discovery	Create framework for trading partners to exchange the necessary data required for chronic illness documentation, attestation and maintenance	None	Public calls starting in February of 2021	
VBC Cost Performance Reports	ldentifying Participants	Timely and accurate information exchange within the performance period. Focus on information that only a payer would have financial targets, spend, CCFs and quarterly quality payments. Information at lowest level of granularity. Access via APIs.	None	N/A	
Performing Laboratory Reporting	TBD	Goal is to share clinical details of specific lab results between providers, payers and lab partners. Only a small fraction of lab data flows today, Define framework to expand breadth and scope of data exchange.	None	N/A	
Patient Data Exchange	TBD	Enable exchange of patient reported data to payer and provider partners.	None	N/A	



Join the Da Vinci Community



GU [2]24 Can we merge 29 and 30 into 1 title slide? Guest User, 1/27/2021



Join the Community

Getting Started

- 1. Register for Confluence
- 2. Sign up for Listserv
- 3. Find Implementer Pages
- 4. Download IGs and Resources
- 5. Watch for Meetings, Connectathons
- 6. View Demo and Testimonial Recordings
- 7. Access Reference Implementation Code, Sandboxes

Orientation Resources for Public New to Da Vinci

Da Vinci Program Manager: Jocelyn Keegan, Point of Care Partners jocelyn.keegan@pocp.com

Da Vinci Technical Lead: Dr. Viet Nguyen, Stratametrics LLC <u>vietnguyen@stratametrics.com</u>

Da Vinci Project Manager: Vanessa Candelora, Point of Care Partners <u>vanessa.candelora@pocp.com</u>



Back Up Slides



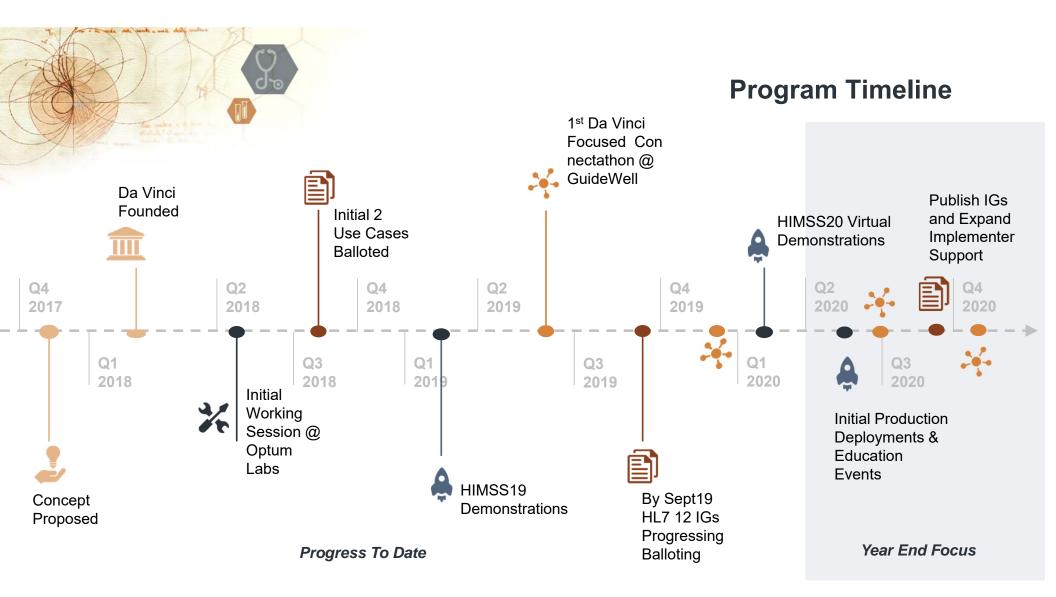
Antitrust Policy

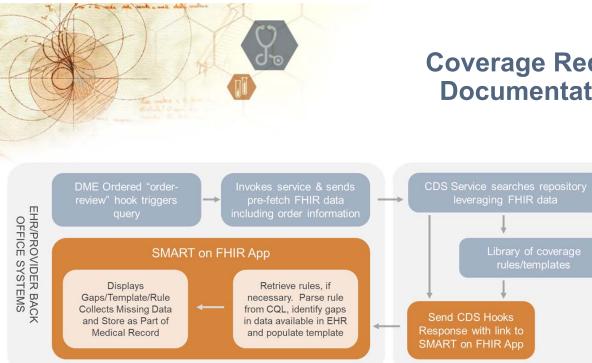
ANSI Antitrust Policy

ANSI neither develops standards nor conducts certification programs but instead accredits standards developers and certification bodies under programs requiring adherence to principles of openness, voluntariness, due process and non-discrimination. ANSI, therefore, brings significant, procompetitive benefits to the standards and conformity assessment community.

ANSI nevertheless recognizes that it must not be a vehicle for individuals or organizations to reach unlawful agreements regarding prices, terms of sale, customers, or markets or engage in other aspects of anti-competitive behavior. ANSI's policy, therefore, is to take all appropriate measures to comply with U.S. antitrust laws and foreign competition laws and ANSI expects the same from its members and volunteers when acting on behalf of ANSI.

Approved by the ANSI Board of Directors May 22, 2014



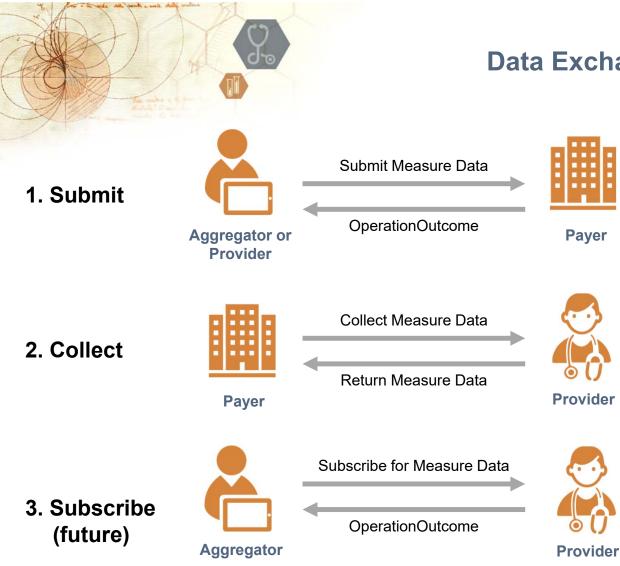


Coverage Requirements Discovery (CRD)/ Documentation Templates & Rules (DTR)

Benefits

PAYER

- Takes guesswork out of patient specific coverage by sharing authorization or process requirements in workflow
- Improves transparency of patient and procedure specific rules to provider and patient
- Exposes information about patient benefits when care team is most likely with or near patient, so options can be discussed and decided upon



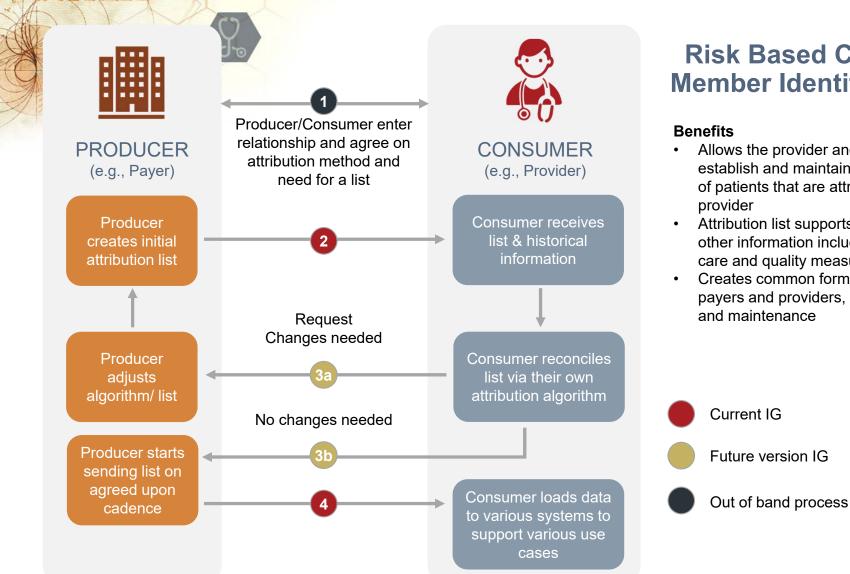
Data Exchange for Quality Measures



Payer

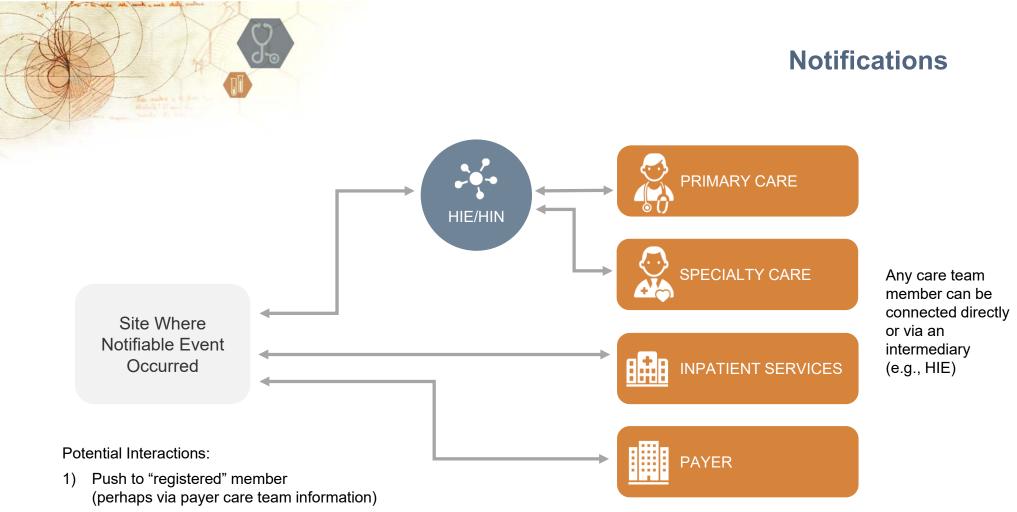


- Quality measures are defined as • computable artifacts
- Framework automates data collection • and quality measure reporting
- Eases the burden of identifying quality • measures applicable to specific patients
- Minimizes the burden of manual data • abstraction for measure reporting

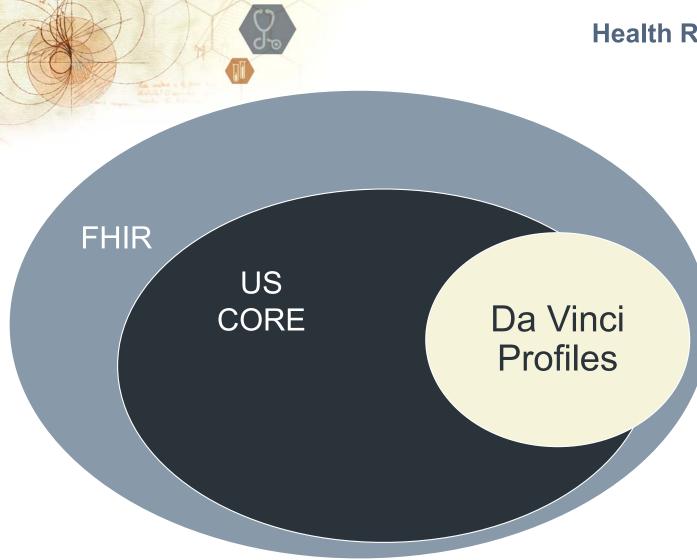


Risk Based Contract Member Identification

- Allows the provider and payer to establish and maintain an accurate list of patients that are attributable to the provider
- Attribution list supports exchange of other information including gaps in care and quality measures
- Creates common format across payers and providers, reducing waste and maintenance

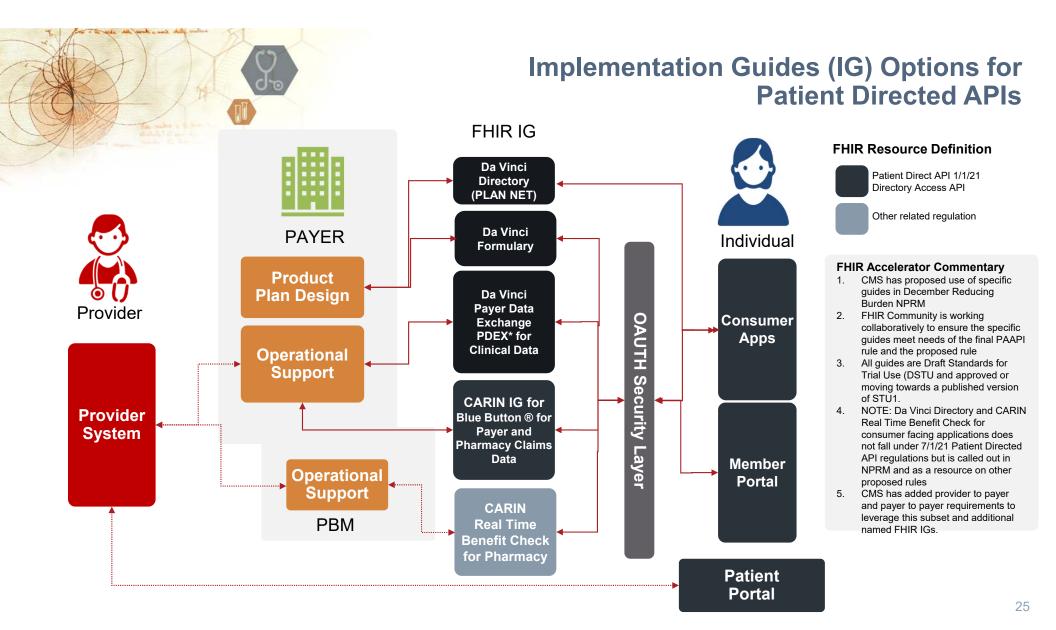


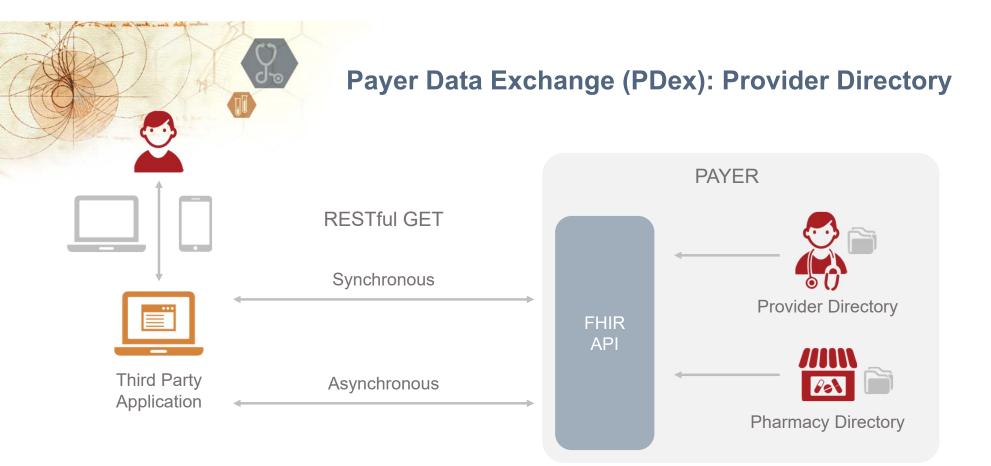
2) Push to intermediary



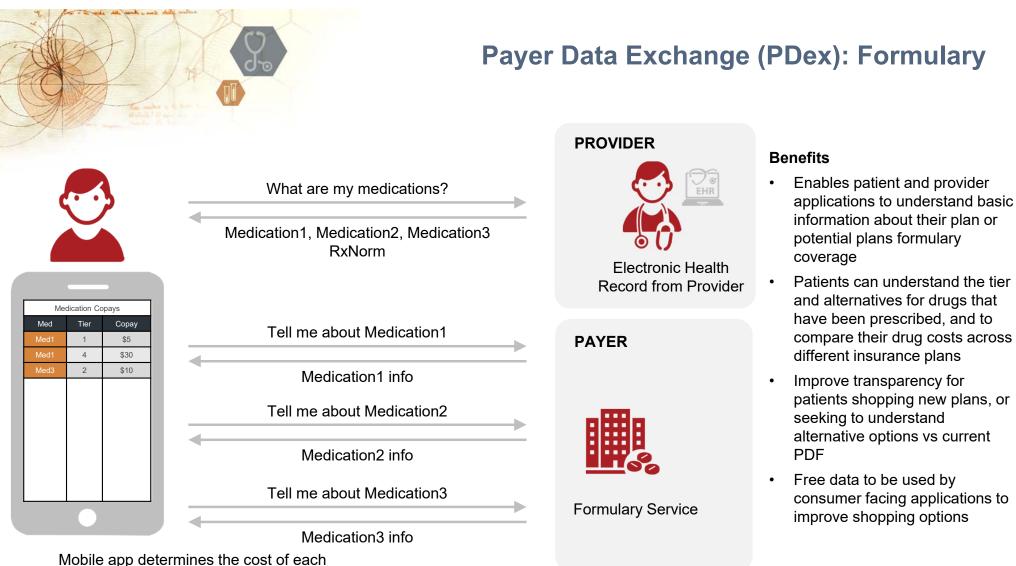
Health Record Exchange (HRex)

- Creates a consistent framework to exchange clinical data between Providers and Payers
- Enables consistent, constrained use of FHIR and US CORE profiled data specific resources across all Da Vinci data exchange Implementation Guides
- Focuses on nuance of resources like Provenance which differs by collection source, or resources currently not yet in USCDI and US Core e.g., Coverage

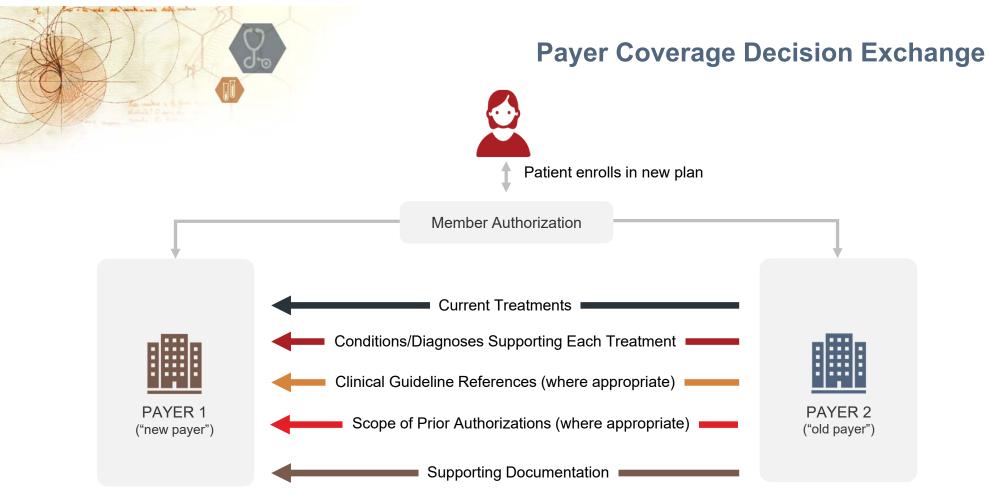




- · Provides a standard approach for requesting and receiving Provider information based on a patient's Insurance plan
- Enables directory to be called as a service by applications for integration of provider search into workflows
- Supports patients' ability to find providers across multiple plans
- Increases transparency to patients about provider availability in their plan



medication under patient's current health plan



- Supports continuity of treatment when patients enroll with a new payer by enabling a transfer of "current active treatments" between the prior payer and the new payer
- Reduces the need for providers and/or patients to resubmit supporting documentation to the new payer in order to continue patient treatment
- · Reduces interruption in care plan and medication adherence
- · Reduces waste and rework by all parties