Blazing the Technical Pathway to Value Based Care: The Da Vinci Project and *FAST* Initiative

January 27, 2020

The Office of the National Coordinator for Health Information Technology

Today's Session & Goals

The HL7 Da Vinci Project is paving the way for increased data sharing between payers and providers by leveraging the FHIR Standard, while the ONC's FHIR at Scale Taskforce (FAST) Initiative is tackling the infrastructure challenges necessary to enable FHIR solutions, like those being developed by Da Vinci, to be deployed at scale.

Complementary, these two collaborative industry efforts are improving accessibility and interoperability of key data that will be vital in the industry's transition to value-based care (VBC).

SESSION GOALS

- *To improve industry awareness*
- *Highlight the differences and similarities between the two efforts*
- *Understand how functional industry use cases can inform FAST infrastructural approaches to FHIR scalability challenges*

Today's Presenters

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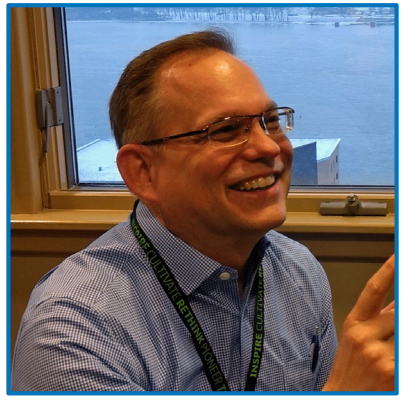
ONC
Senior Innovation Strategist
& *FAST* Lead

Jocelyn Keegan
Da Vinci
Program Manager
Point of Care Partners

Viet Nguyen, MD
Da Vinci
Technical Director
Stratametrics



Patrick Murta
FAST Initiative
Chief Architect &
Da Vinci Operating Member
Solution Architect
Fellow, Humana

Bob Dieterle
FAST
Coordinating Committee
Member &
Da Vinci PMO/Sr. Advisor
Enablecare

HL7 Da Vinci Project

The Office of the National Coordinator for Health Information Technology

Project Challenge

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

Pre-Collaboration / 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.

Membership by Primary Industry Role

Providers

Payers

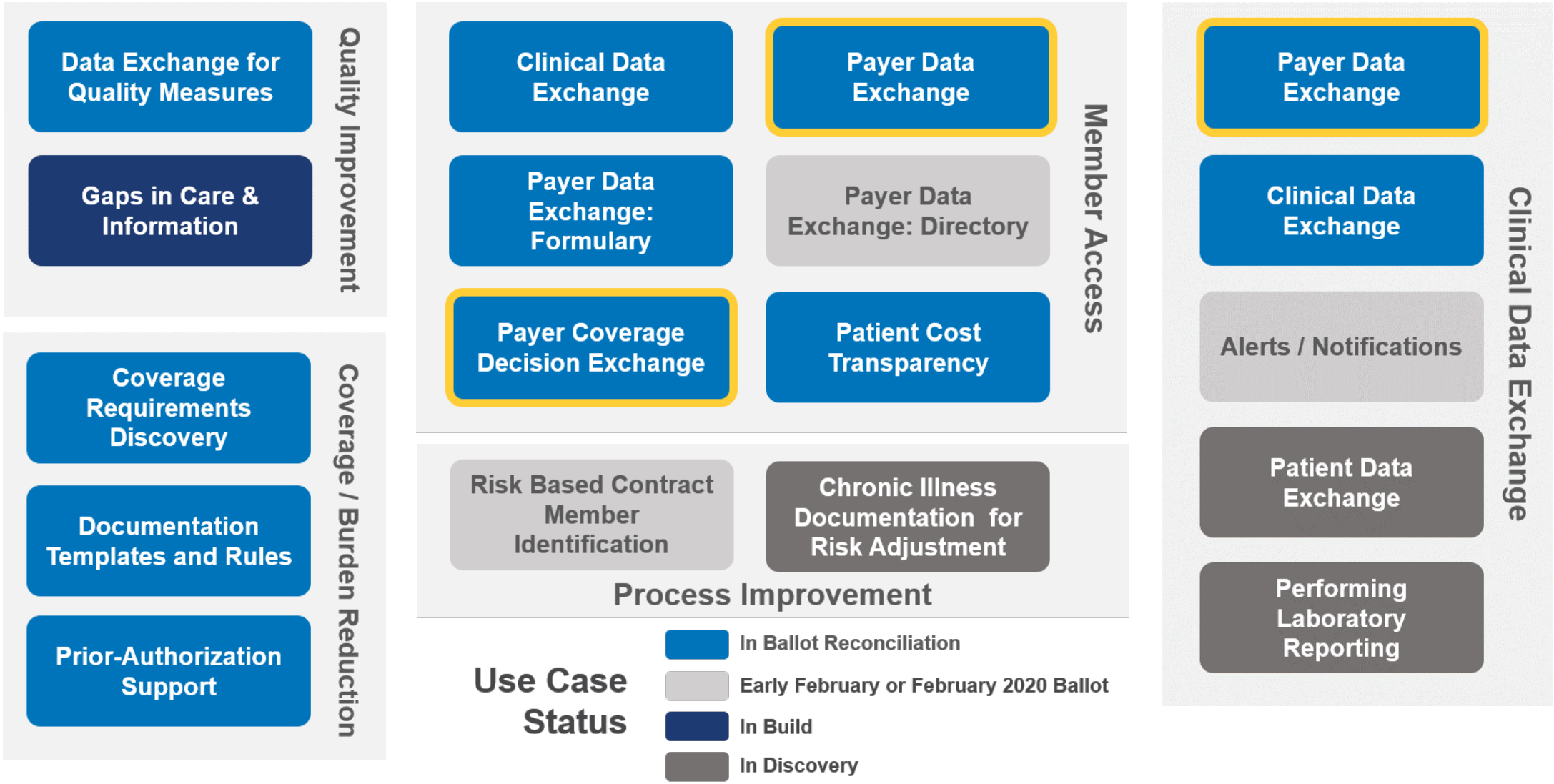
Vendors

Partners

Deployment

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

Use Case Focus Areas



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Jocelyn Keegan, Point of Care Partners

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Da Vinci Technical Lead:

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ONC FHIR at Scale Taskforce (*FAST*)

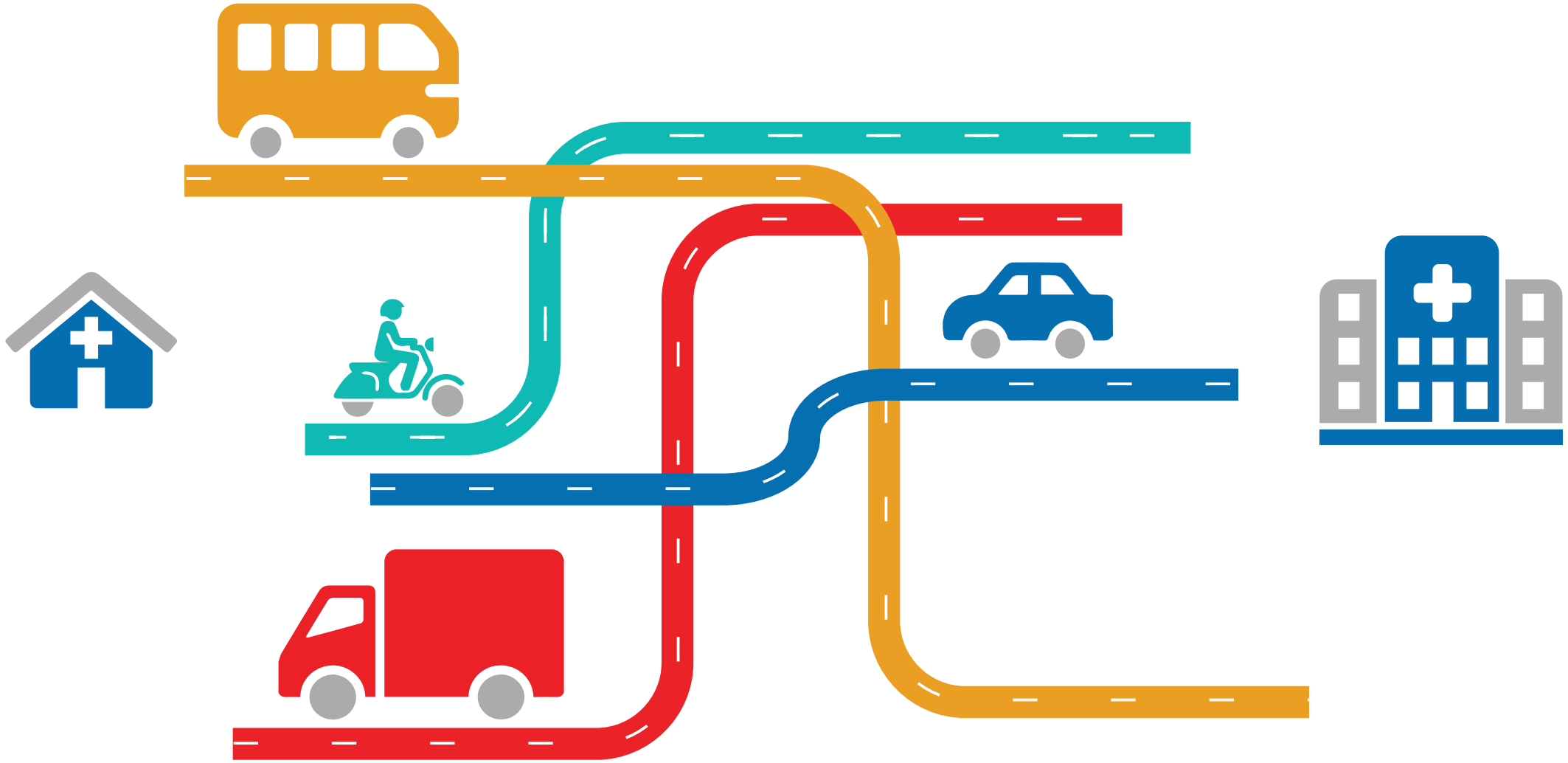
The Office of the National Coordinator for Health Information Technology

What is *FAST*?

The FHIR at Scale Taskforce (FAST), convened by the Office of the National Coordinator for Health IT (ONC), brings together a highly representative group of motivated healthcare industry stakeholders and health information technology experts.

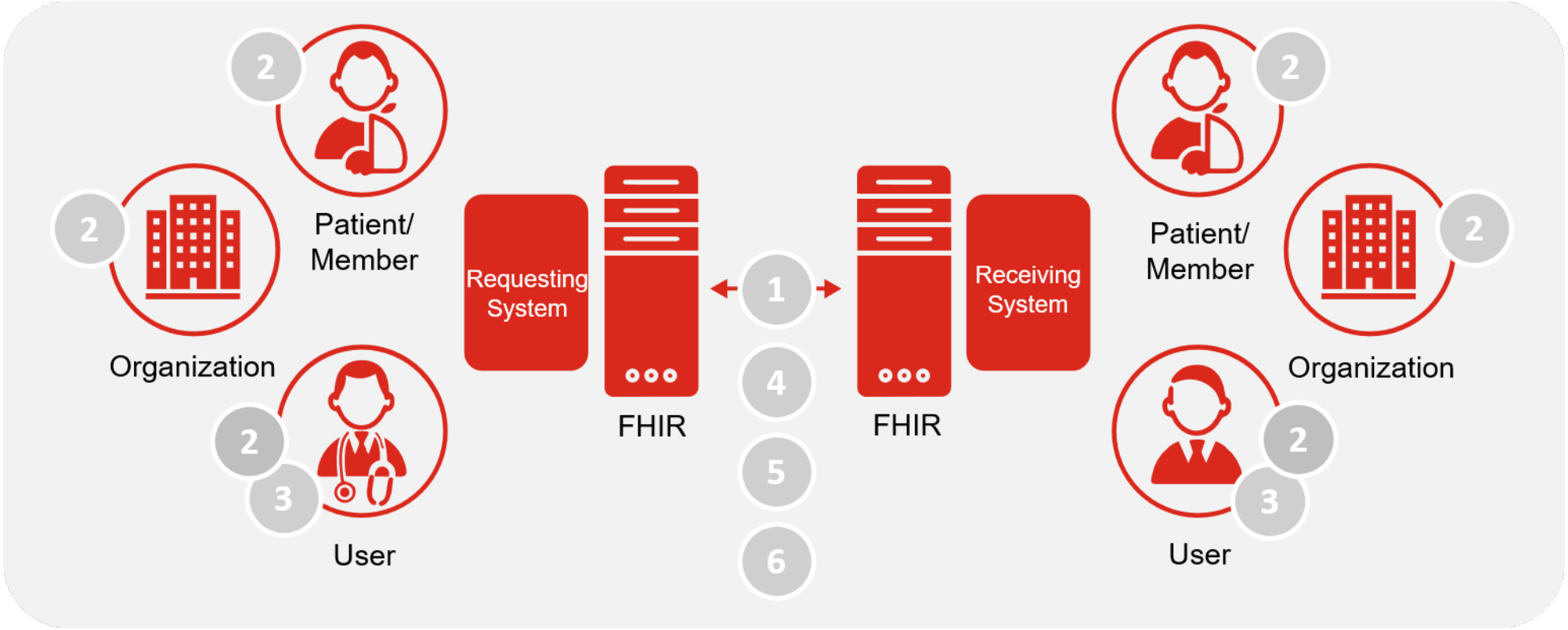
The group is set to identify HL7® Fast Healthcare Interoperability Resources (FHIR®) scalability gaps and possible solutions, analysis that will address current barriers and will accelerate FHIR adoption at scale.

Lack of Consistent Infrastructure Impacts Flow



Well-Planned Infrastructure Creates Efficiency

Known Technical Barriers



1 Directory Services 2 Identity 3 Security

4 Testing, Conformance, & Certification 5 Versioning 6 Scaling

Patrick Murta

FAST Chief Architect

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For more information on the *FAST* Initiative,
visit the *FAST* Project Page

Have any further questions/suggestions?

Please contact Stephen Konya at Stephen.Konya@hhs.gov
& Diana Ciricean at Diana.Ciricean@hhs.gov

Discussion

FAST Infrastructural Approaches to Known Scalability Challenges in the Context of Two Da Vinci Functional Use Cases: Payer Data Exchange (PDex) and Payer Coverage Decision Exchange (PCDE)

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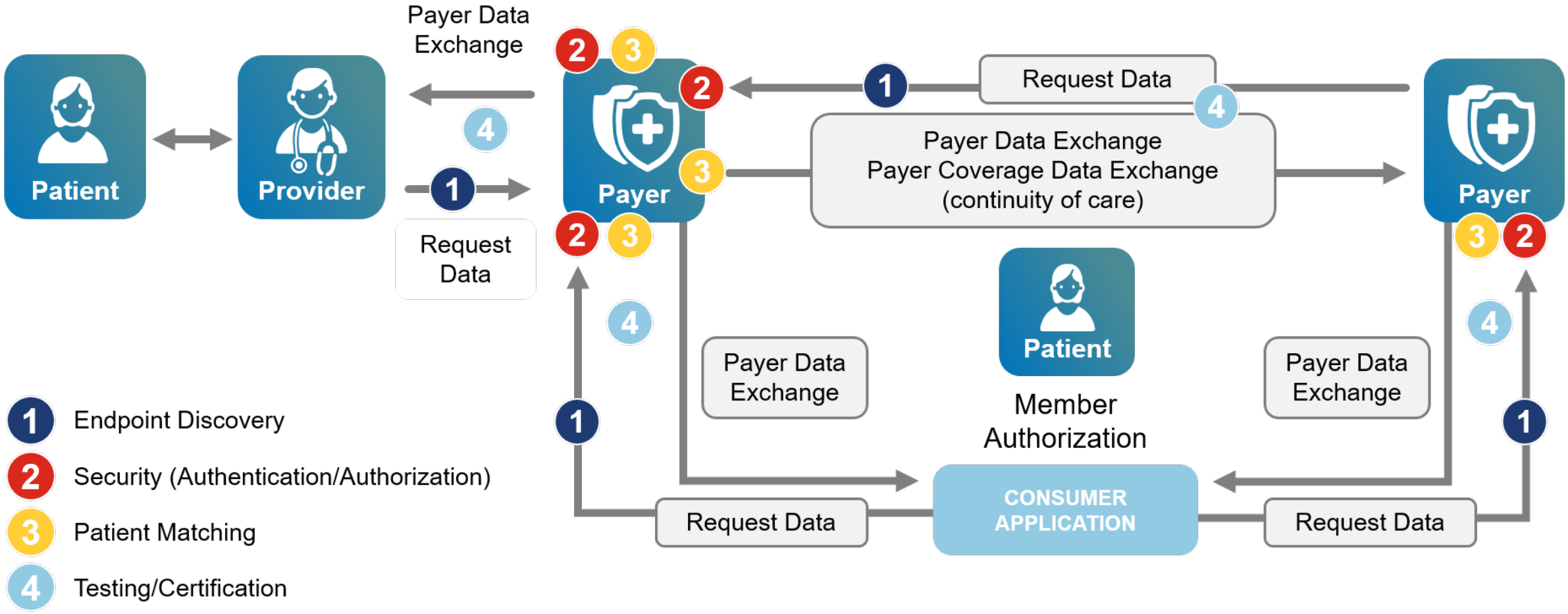
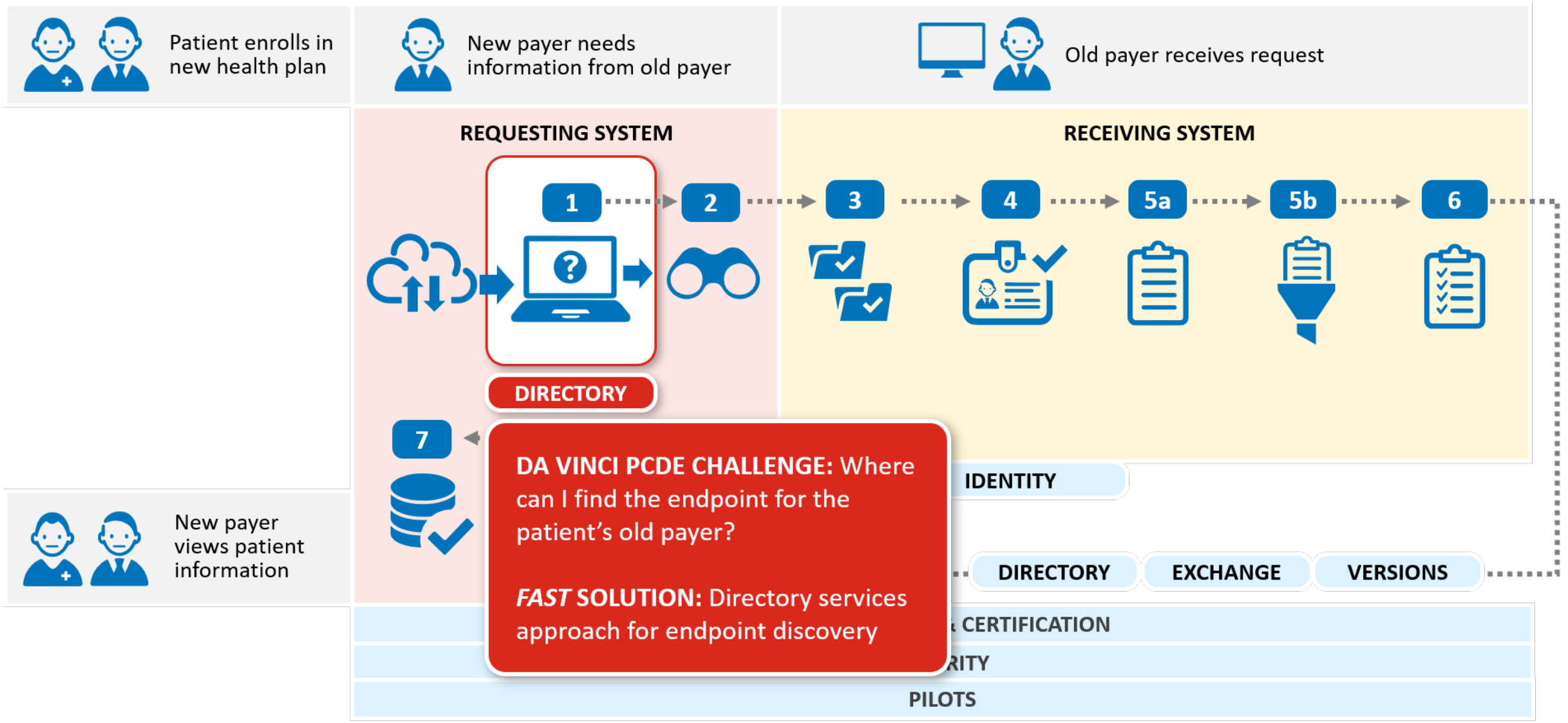
Freeing Payer Data to Support Patient Care



Scaling applies to all transactions

Example FHIR Transaction Journey: Da Vinci Payer Coverage Decision Exchange (PCDE)



For more information view *FAST* 101

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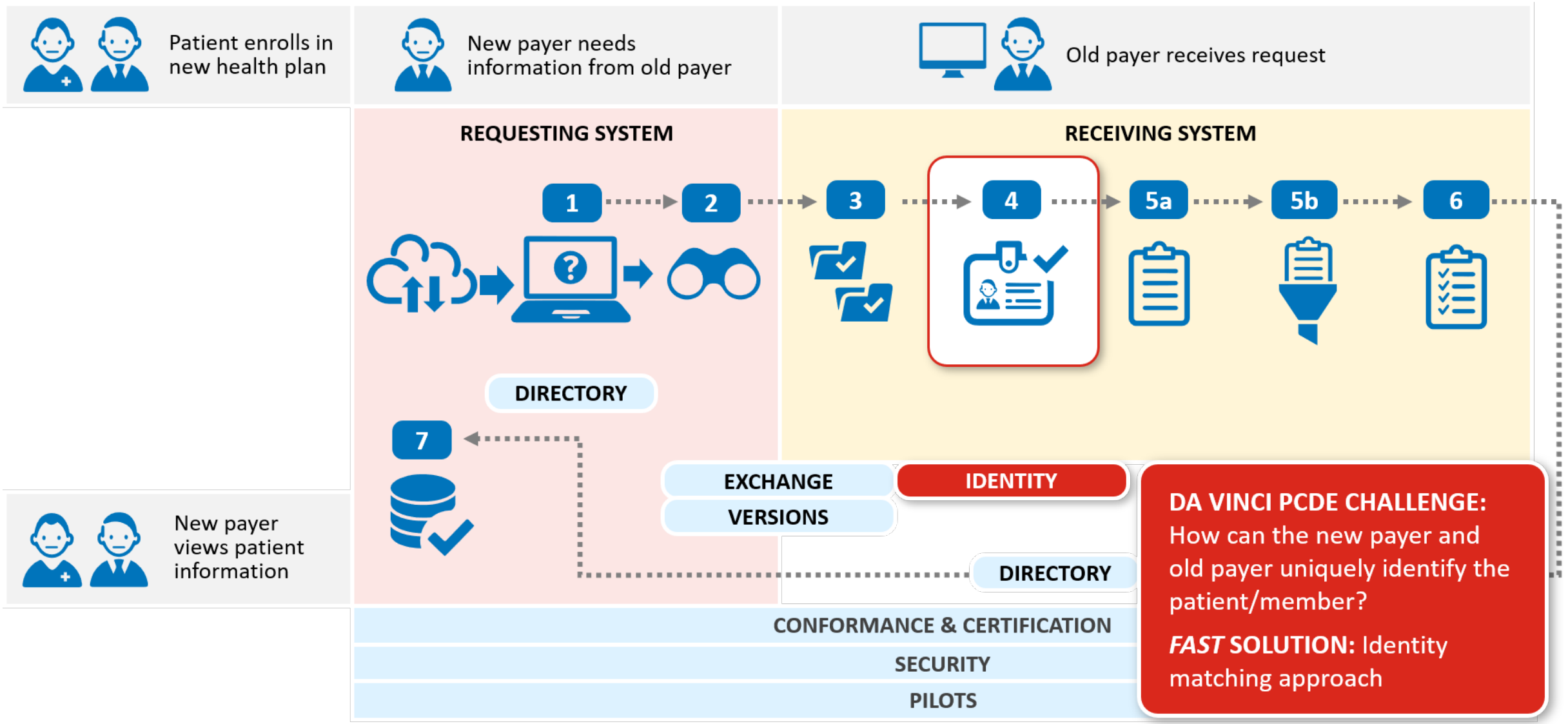

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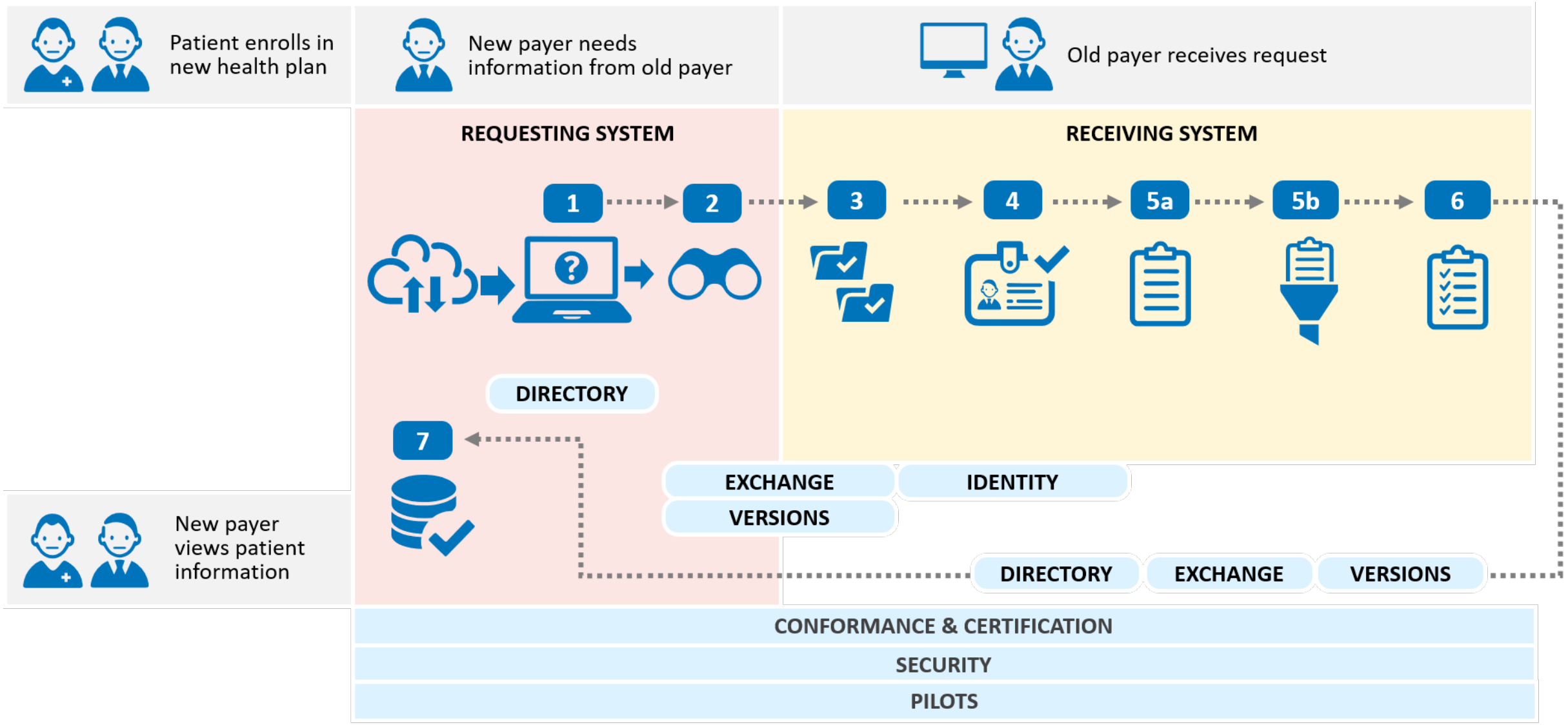

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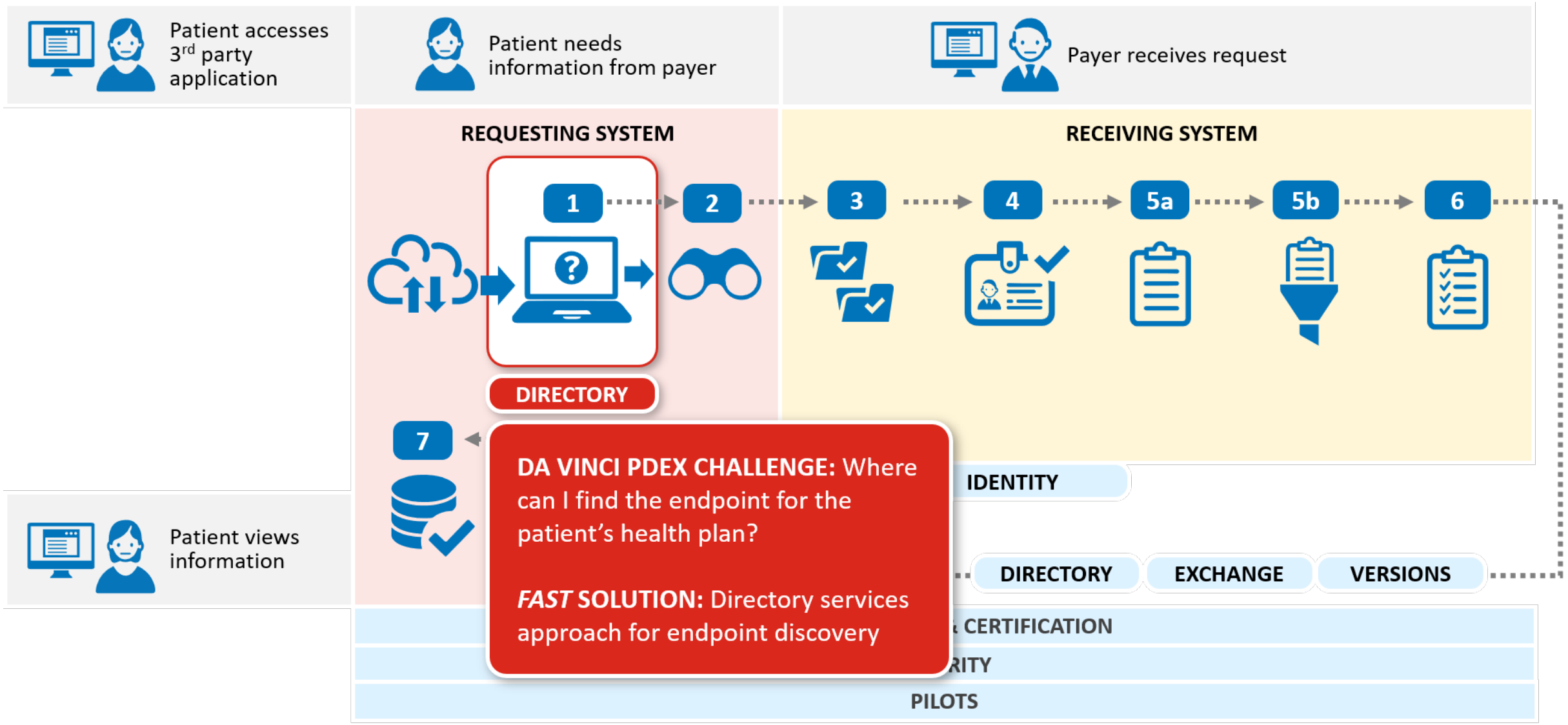

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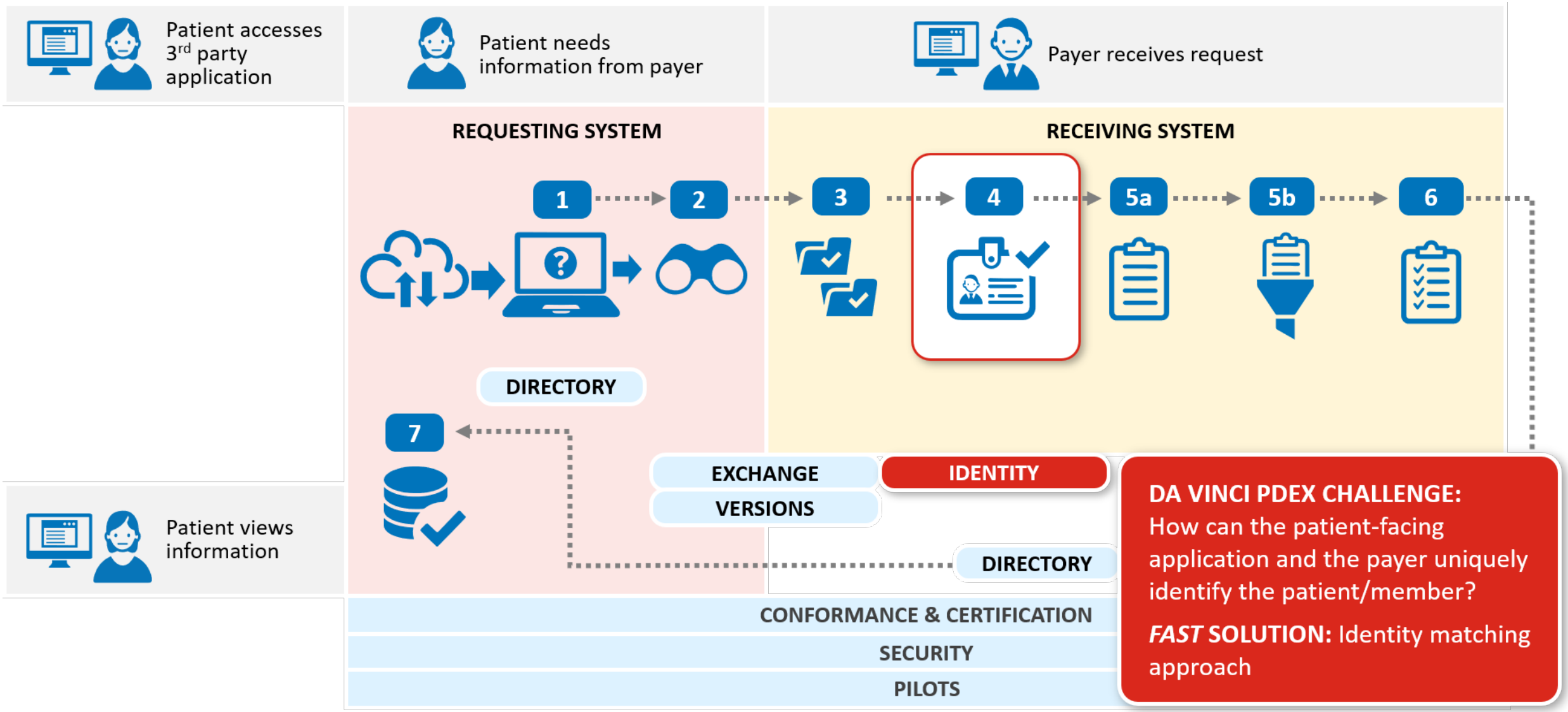

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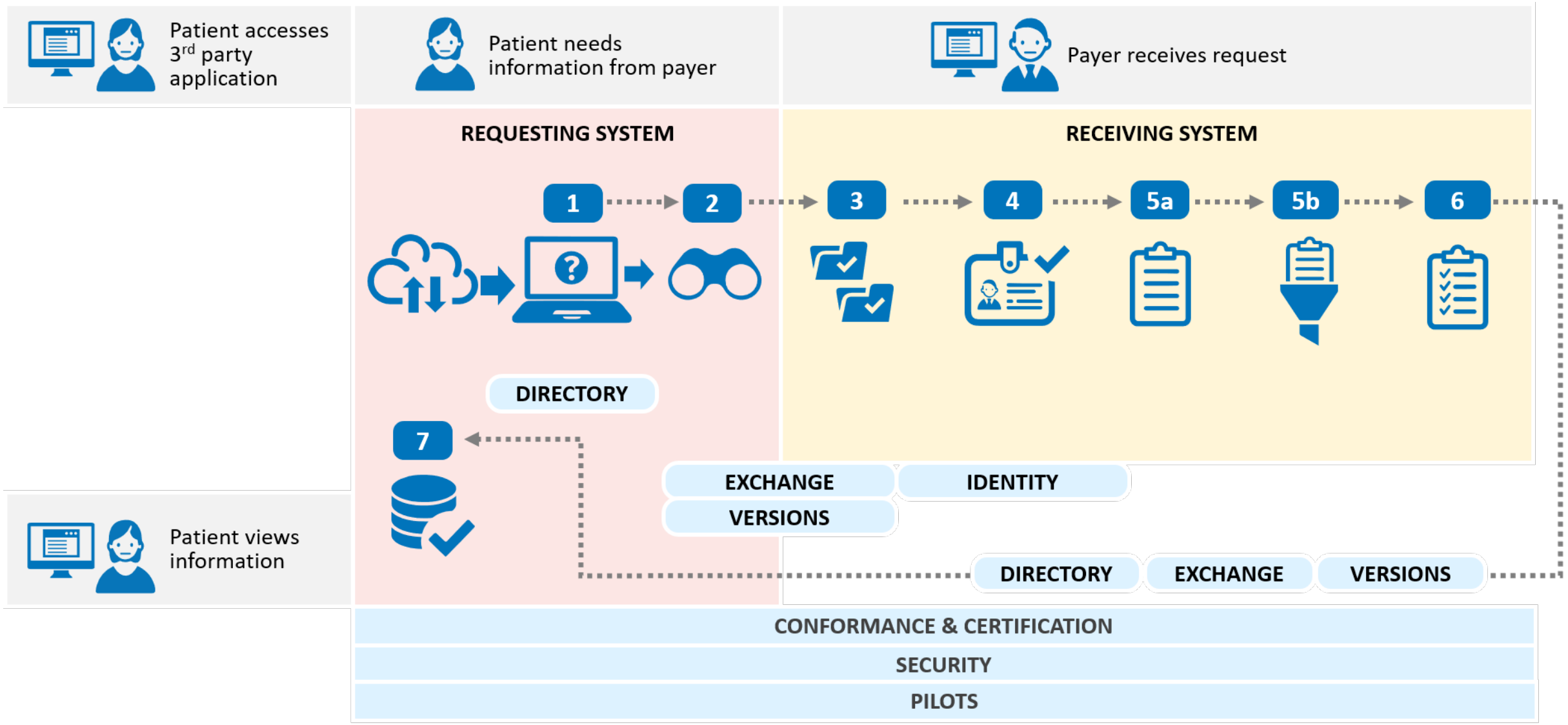

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The Office of the National Coordinator for Health Information Technology

Contact ONC

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