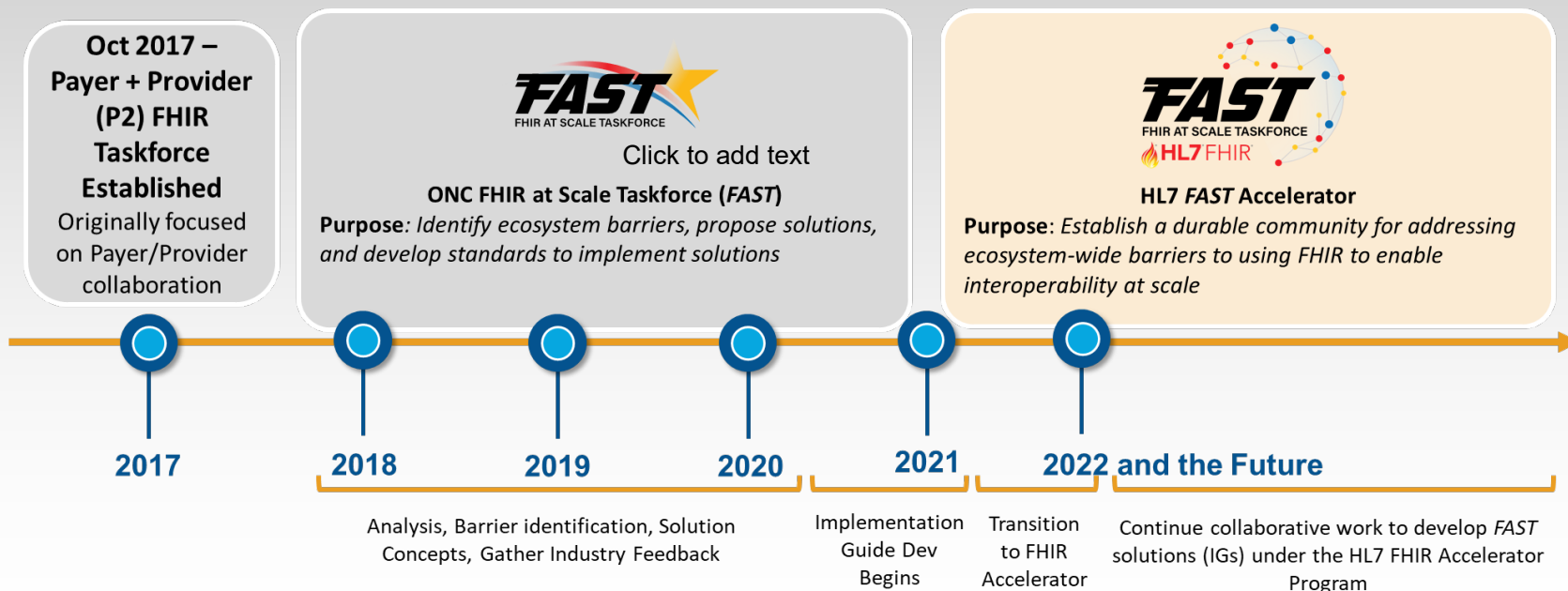**FHIR at Scale Taskforce (*FAST*): Building the Framework for FHIR Infrastructure & Gaining Alignment in the FHIR Community**
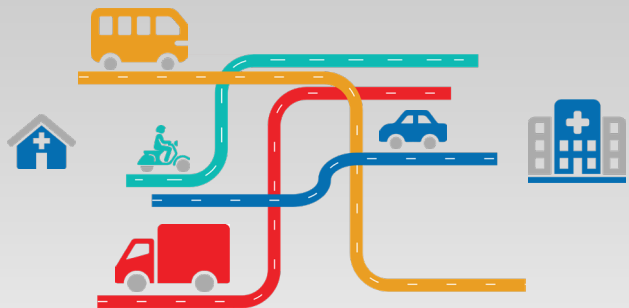
What is *FAST?*

The FHIR at Scale Taskforce (FAST) is a representative community of motivated healthcare industry stakeholders and health information technology experts who have identified HL7® Fast Healthcare Interoperability Resources (FHIR®) scalability gaps and are actively working on solutions to address current barriers to enable scalable data exchange using FHIR APIs

Oct 2017 –
Payer + Provider
(P2) FHIR
Taskforce
Established
Originally focused on Payer/Provider collaboration

Click to add text

ONC FHIR at Scale Taskforce (*FAST*)
Purpose: *Identify ecosystem barriers, propose solutions, and develop standards to implement solutions*

HL7 *FAST* Accelerator
Purpose: *Establish a durable community for addressing ecosystem-wide barriers to using FHIR to enable interoperability at scale*

2017   **2018**   **2019**   **2020**   **2021**   **2022** **and the Future**

Analysis, Barrier identification, Solution Concepts, Gather Industry Feedback

Implementation Guide Dev Begins

Transition to FHIR Accelerator

Continue collaborative work to develop *FAST* solutions (IGs) under the HL7 FHIR Accelerator Program

All content is available on the ***FAST* Project Page**

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What is the Problem?

TODAY - Exchange

Exchange characterized by point-to-point interfaces

Adoption trajectory is slow, expensive, and fragmented

FUTURE - Interoperability

A common & consistent infrastructure approach to API implementation

Consensus on implementation guides for key enablers, such as directory, security, patient matching, exchange and testing

DESIRED RESULT:
A national interoperability approach that enables consistent data exchange via API. We have this for administrative transactions (X12, clearinghouses, WEDI) and pharmacy transactions (NCPDP, Surescripts). We do not have this for HL7-FHIR.
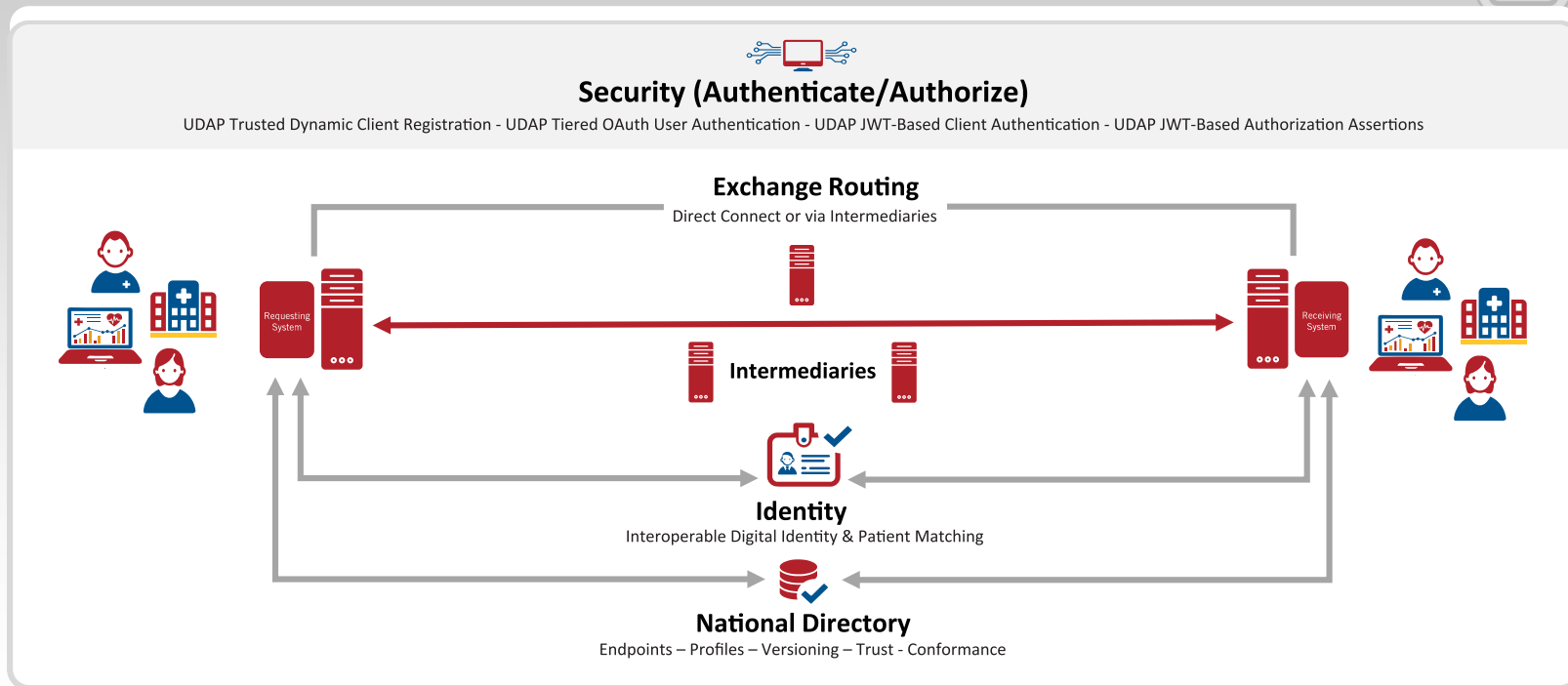
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★ **Founding Member**

Conceptual Integrated Architecture

Security (Authenticate/Authorize)

UDAP Trusted Dynamic Client Registration - UDAP Tiered OAuth User Authentication - UDAP JWT-Based Client Authentication - UDAP JWT-Based Authorization Assertions

Exchange Routing
Direct Connect or via Intermediaries

Requesting System

Receiving System

Intermediaries

Identity
Interoperable Digital Identity & Patient Matching

National Directory
Endpoints – Profiles – Versioning – Trust - Conformance

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FAST Threading the Needle: From IG Development to Adoption

- *FAST* develops Implementation Guides to address common implementation challenges but that's just step one!

- *FAST* is dedicated to supporting & encouraging the implementation community to ensure *FAST* IGs are being widely adopted and provide clarification or address confusion where any exists

- *FAST* also encourages testing early and often

- *FAST* is working collaboratively with governing bodies to build alignment with their mandates

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Engaging with *FAST*

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Simple Ways to Join *FAST's* Work

FAST: Hybrid/ Intermediary Exchange	*FAST*: Security for Scalable Registration, Authentication, and Authorization	*FAST*: National Directory	*FAST*: Interoperable Digital Identity & Patient Matching
HL7 Project Page Hybrid/ Intermediary Exchange	**HL7 Project Page** Security for Scalable Registration, Authentication, and Authorization	**HL7 Project Page** National Directory	**HL7 Project Page** Interoperable Digital Identity & Patient Matching
Public Meetings paused until future STU 2 work	**Public Meetings the 2nd Tuesdays Each Month at 2PM ET** https://global.gotomeeting.com/join/784708421	**Public Meetings:** Mondays at 3pm ET https://zoom.us/j/98517334633 Thursdays at 11 am ET https://zoom.us/j/98424232906?pwd=dHV0T2hrN3o1Q1NQVTNHaTVaQURSQT09	**Public Meetings the 1st and 3rd Thursdays Each Month at 2PM ET** https://global.gotomeeting.com/join/919790117
Chat.fhir Stream https://chat.fhir.org/#narrow/stream/264775-FHIR-at.20Scale.20(FAST).3A.20Exchange.20with.2Fwithout.20intermediaries	**Chat.fhir Stream** https://chat.fhir.org/#narrow/stream/294749-FHIR-at.20Scale.20Taskforce.20.28FAST.29.3A.20Security	**Chat.fhir Stream** https://chat.fhir.org/#narrow/stream/283066-united-states.2Fnational.20directory	**Chat.fhir Stream** https://chat.fhir.org/#narrow/stream/294750-FHIR-at.20Scale.20Taskforce.20.28FAST.29.3A.20Identity

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Want to learn more about becoming a member of the HL7 *FAST* FHIR Accelerator? Contact fast@hl7.org

Find us at ViVE & HIMSS!

CONTINUE THE CONVERSATION!

Join the FAST Community to stay up to date – receive updates about FAST presentations & events, provide additional input and follow our progress.

VISIT FAST PROJECT PAGE

JOIN FAST LISTSERV

JOIN THE LINKEDIN GROUP

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Thank you!

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

Have any further questions/suggestions?

Please contact fast@hl7.org